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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 Policy

Monmouth University supports equal opportunity in recruitment, admission, educational programs, and employment practices regardless 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 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, E-mail: OCR@ed.gov, Web: http://www.ed.gov/ocr.

Equal Employment Opportunity Commission (EEOC)
Contact: http://www.eeoc.gov/

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), provided that the parent(s) furnishes proof of such dependency, or the student completes a “FERPA Waiver Release” form. Once a student’s FERPA Waiver has been processed, it will remain in effect during the student’s career at Monmouth University unless rescinded in writing by the student. The FERPA Waiver form is available in e-FORMS, which are accessible from the WEBstudent menu.

Directory Information

Directory information may be released by the University without the student’s permission unless the student states in writing that he/she does not want his/her directory information released. This request should be submitted using the FERPA Do Not Disclose form, available in e-FORMS, which are accessible from the WEBstudent menu. Student requests to keep directory information confidential are permanent and therefore will remain in effect unless rescinded in writing by the student. Directory information consists of the following information:

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

A copy of “FERPA Policy for Students,” developed in support of the Family Educational Rights and Privacy Act, may be inspected at the Office of the Registrar, Wilson Hall, Room 208; it is also available online at www.monmouth.edu/university/ferpa-policy-for-students.aspx.

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

The Americans with Disabilities Act and Section 504 of the Rehabilitation Act of 1973 provide that no otherwise qualified disabled person (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 postsecondary 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. The Director of the Office of Equity and Diversity has been designated by the University as the ADA/504 Coordinator. Anyone having a complaint or observation about a possibly discriminatory act or practice should contact the ADA/504 Coordinator (Wilson Hall, Room 304) for information
Responsibilities and Policies of the University

concerning the grievance procedure. A prompt investigation will be undertaken in an effort to resolve the matter and assure compliance.

Human Relations Philosophy and Policy

Monmouth University affirms the inestimable worth and dignity of every individual, regardless of his or her condition of life. We affirm, further, the right of each person to develop to his or her 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 achieve and sustain 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, physical characteristics, or personal beliefs;
• may freely engage in constructive academic dialogue and debate in classrooms and public halls, and pursue their social and private lives uninhibited by discrimination, disruption, or harassment in any form and;
• value, respect, and draw their intellectual strength from the rich diversity of other peoples of different races, cultures, religions, nationalities, and beliefs.

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

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

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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.

Eight 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; Graduate Studies; and the School of Social Work—provide a wide variety of academic programs at both the undergraduate and graduate levels. There are bachelor’s degree programs in the arts and sciences and in the professional areas of business, computer science, criminal justice, education, nursing, social work, and software engineering. Co-curricular activities have been designed to complement the academic programs. Master’s level programs include addiction studies, anthropology, business administration, clinical mental health counseling, computer science, corporate and public communication, criminal justice, education, English, history, homeland security, information systems, nursing, physician assistant program, public policy, social work, software engineering, and speech-language pathology. The School of Nursing and Health Studies offers two doctorate level programs, Doctor of Nursing Practice (DNP) and a Doctor of Nursing Practice (DNP) with a Nursing Education Endorsement.

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.

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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 campus Office of Service Learning and Community Programs.

Campus Facilities

The University’s 159-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, 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 e-mail the center at MUSpeechCenter@monmouth.edu 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, the School of Social Work, and the department of Criminal Justice; the new state-of-the-art Jules Plangere Center, which houses the department of Communication, Foreign Language Studies, and a Faculty Resource Center; Pozycki 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, 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, the School of Social Work, and the department of Criminal Justice; the new state-of-the-art Jules Plangere Center, which houses the department of Communication, Foreign Language Studies, and a Faculty Resource Center; Pozycki Hall, provides several classrooms including a 150-person lecture hall, a lab and conference rooms, and Joan and Robert Rechnitz Hall, which houses the department of Art and Design and the Rechnitz Gallery. William T. Boylan Gymnasium; eleven traditional and suite-style, on-campus residence halls: Beechwood, Cedar, Elmwood, Hesse, Laurel,
Mullaney, Oakwood, Pinewood, Redwood, Spruce, and Willow Hall; and three apartment-style facilities: the Great Lawn Apartments, the Garden Apartments, and Maplewood Hall. Additional off-campus housing is the University Bluffs, a six-apartment-building complex located on 2.7 acres on the ocean in Long Branch 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. In the Fall of 2014, Monmouth University began offering the new MS in Physician Assistant (PA) program and the MSEd in Speech/Language Pathology. For more information about the PA program, please visit the Web site at http://www.monmouth.edu/school-of-nursing-health/ms-in-physician-assistant.aspx. For more information about the Speech/Language Pathology program, please visit the School of Education Web site at http://www.monmouth.edu/academics/schools/education. In 2011, Monmouth University offered its first doctorate-level program, the Doctor of Nursing Practice (DNP) and in 2016 added the Doctor of Nursing Practice (DNP) with Nursing Education Endorsement. Both programs are housed in the School of Nursing and Health Studies. 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 on the Approved List of the American Chemical Society (ACS);
- the Bachelor of Science in Nursing (BSN), Master of Science in Nursing (MSN), Doctor of Nursing Practice (DNP), and the Advanced Practice certificate nursing programs at Monmouth University are accredited by the Commission on Collegiate Nursing Education (CCNE), One Dupont Circle, NW, Suite 530, Washington, DC 20036, (202) 887-6791;
- 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 Concentration program is accredited by the Computing Accreditation Commission of ABET, http://abet.org;
- the School of Education is accredited by the Council for Accreditation of 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 Master of Science in Education (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 programs are accredited by the National Addiction Studies Accreditation Committee (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-Provisional status to the Monmouth University Physician Assistant Program.

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
The 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>Field</th>
<th>Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>Rose Mary Miller</td>
<td>Mathematics</td>
<td>1975</td>
</tr>
<tr>
<td>William P. Mitchell</td>
<td>Mathematics</td>
<td>1976</td>
</tr>
<tr>
<td>Richard Benjamin</td>
<td>Electronic Engineering</td>
<td>1977</td>
</tr>
<tr>
<td>Vernon Churchill</td>
<td>Biology</td>
<td>1978</td>
</tr>
<tr>
<td>Charles J. Lewis</td>
<td>Mathematics</td>
<td>1979</td>
</tr>
<tr>
<td>J. Emmett Collins</td>
<td>Marketing</td>
<td>1980</td>
</tr>
<tr>
<td>Robert J. Sipos</td>
<td>English</td>
<td>1981</td>
</tr>
<tr>
<td>Harris Drucker</td>
<td>Electronic Engineering</td>
<td>1982</td>
</tr>
<tr>
<td>Alicia E. Portuondo</td>
<td>Foreign Languages</td>
<td>1983</td>
</tr>
<tr>
<td>John A. Styslinger</td>
<td>English</td>
<td>1984</td>
</tr>
<tr>
<td>Everett L. Rich</td>
<td>Communication</td>
<td>1985</td>
</tr>
<tr>
<td>Doris K. Hiatt</td>
<td>Psychology</td>
<td>1986</td>
</tr>
<tr>
<td>Eugene S. Simko</td>
<td>Management</td>
<td>1987</td>
</tr>
<tr>
<td>Thomas S. Pearson</td>
<td>History</td>
<td>1988</td>
</tr>
<tr>
<td>Datta V. Naik</td>
<td>Chemistry</td>
<td>1989</td>
</tr>
<tr>
<td>Donald M. Molver</td>
<td>Economics</td>
<td>1990</td>
</tr>
<tr>
<td>Robert S. Rouse</td>
<td>Chemistry</td>
<td>1991</td>
</tr>
<tr>
<td>Leonard Wollack</td>
<td>Marketing</td>
<td>1992</td>
</tr>
<tr>
<td>Arie van Everdingen</td>
<td>Art</td>
<td>1993</td>
</tr>
<tr>
<td>Mark Rodgers</td>
<td>Social Work</td>
<td>1994</td>
</tr>
<tr>
<td>Kenneth Campbell</td>
<td>History</td>
<td>1995</td>
</tr>
<tr>
<td>Margaret Del Guercio</td>
<td>English</td>
<td>1996</td>
</tr>
<tr>
<td>Marilyn Parker</td>
<td>Chemistry</td>
<td>1997</td>
</tr>
<tr>
<td>Gregory Coram</td>
<td>Criminal Justice</td>
<td>1998</td>
</tr>
<tr>
<td>Robyn Holmes</td>
<td>Psychology</td>
<td>1999</td>
</tr>
<tr>
<td>Robin Mama</td>
<td>Social Work</td>
<td>2000</td>
</tr>
<tr>
<td>Brian Garvey</td>
<td>English</td>
<td>2001</td>
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<tr>
<td>John Morano</td>
<td>Communication</td>
<td>2002</td>
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<tr>
<td>Rekha Datta</td>
<td>Political Science</td>
<td>2003</td>
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<tr>
<td>Judith Nye</td>
<td>Psychology</td>
<td>2004</td>
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<tr>
<td>Michael Palladino</td>
<td>Biology</td>
<td>2005</td>
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<tr>
<td>Bruce Normandia</td>
<td>Curriculum and Instruction</td>
<td>2006</td>
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<tr>
<td>Richard Veit</td>
<td>History and Anthropology</td>
<td>2007</td>
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<tr>
<td>Kelly Ward</td>
<td>Social Work</td>
<td>2008</td>
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<tr>
<td>Joseph Patten</td>
<td>Political Science</td>
<td>2009</td>
</tr>
<tr>
<td>David Tripold</td>
<td>Music and Theatre Arts</td>
<td>2010</td>
</tr>
<tr>
<td>Nancy Mezey</td>
<td>Political Science and Sociology</td>
<td>2011</td>
</tr>
<tr>
<td>Gary Lewandowski</td>
<td>Psychology</td>
<td>2012</td>
</tr>
<tr>
<td>Vincent Dimattio</td>
<td>Art and Design</td>
<td>2013</td>
</tr>
<tr>
<td>James Mack</td>
<td>Biology</td>
<td>2014</td>
</tr>
<tr>
<td>Kenneth Mitchell</td>
<td>Political Science</td>
<td>2015</td>
</tr>
<tr>
<td>Massimiliano Lamberto</td>
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<td>2016</td>
</tr>
</tbody>
</table>

Awards

Donald Warncke Award

The Faculty Association of Monmouth (FAMCO) sponsors this award in memory of Donald Warncke, first president of FAMCO. Any member of the University community who has distinguished him- or herself through outstanding service over the years is eligible. Recipients through 2016 are:

<table>
<thead>
<tr>
<th>Name</th>
<th>Year</th>
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<tbody>
<tr>
<td>Ann Nowick</td>
<td>1980</td>
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<tr>
<td>Carol Giroud</td>
<td>1981</td>
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<tr>
<td>Jack Christie</td>
<td>1982</td>
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<tr>
<td>George Smith</td>
<td>1982</td>
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<td>Richard Steadman</td>
<td>1983</td>
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<td>Alfred Brown</td>
<td>1984</td>
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<tr>
<td>Jane Freed</td>
<td>1985</td>
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<tr>
<td>Della Garrassant</td>
<td>1985</td>
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<tr>
<td>Philip C. Donahue</td>
<td>1986</td>
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<tr>
<td>William T. Boylan</td>
<td>1988</td>
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<tr>
<td>Mary Abate</td>
<td>1989</td>
</tr>
<tr>
<td>Aldean Boylan</td>
<td>1990</td>
</tr>
<tr>
<td>Rose Lovino</td>
<td>1991</td>
</tr>
<tr>
<td>Demetrius Markov</td>
<td>1992</td>
</tr>
</tbody>
</table>
C. Dale Haase 1993
Carol Neuer 1993
Deanna Scherrer 1994
Sandra G. Epstein 1995
Gertrude Murphy 1996
Marilyn Parker 1996
Susan Kuykendall 1997
John Bolton 1998
James Mack 1999
Debbie Mellish 1999
Marianne Seitz 2000
Vernon Churchill 2001
Richard Guilfoyle 2002
Thomas Murtha 2003
Ella Elizabeth Boyington 2004
Koorleen Minton 2004
Linda Silverstein 2005
Franca Mancini 2006
Annette Gough 2007
Doreen Brown 2008
Sandy Villa 2008
William Mitchell 2009
Brian Garvey 2010
Heather Kelly 2011
Richard Veit 2012
Reenie Menditto 2013
Margaret Del Guercio 2014
Brian Greenberg 2014
Susan Douglas 2015
Karen Wyant 2015
Wayne Elliott 2016
Kelly Ward 2016

James Reme 2012
Kristen Isaksen 2013
Kara Sullivan 2013
Corey Inzana 2014
Christine Benol 2015
Neva Lozado 2016

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.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.

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.

Bertha Hughes 2003
Datta Naik 2003
Maureen Paparella 2003
Patricia L. Swannack 2004
Samuel A. Weir 2005
Saliba Sarsar 2006
Debbie Mellish 2007
Mary Anne Nagy 2007
Colleen Johnson 2008
Jean Judge 2009
Sharon Smith 2010
Kevin Roane 2011
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 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

<p>| | |</p>
<table>
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<tbody>
<tr>
<td>July 15</td>
<td>Fall Semester</td>
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<tr>
<td>December 1</td>
<td>Spring Semester</td>
</tr>
<tr>
<td>May 1</td>
<td>Summer Sessions</td>
</tr>
</tbody>
</table>

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

Criminal Justice (MA)

1. December 1  Fall start only

Speech-Language Pathology

1. February 1  Summer start only

Master of Social Work (MSW)

1. March 15  Fall start only

Physician Assistant Program

1. January 15  Fall start only

Graduate Program Admission Requirements for Program Consideration

Note: Graduate students are prohibited from matriculating in more than one graduate program at the same time.

Master of Arts in Anthropology (MA):

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 Corporate and Public Communication (MA) and Graduate Certificates:

- Human Resource Management
- Public Service Communication Specialist
- Strategic Public Relations and New Media

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.

Master of Arts in Criminal Justice (MA) and Homeland Security Certificate:

1. Possession of a baccalaureate degree with a minimum 2.5 overall GPA.
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 (MA)

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 (MA)
Master of Arts in English with a Concentration in Rhetoric and Writing (MA)

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 Arts in History (MA)

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 Science in Homeland Security (MS)

A candidate for admission to Monmouth University Master of Science in Homeland Security is required to:

1. Baccalaureate degree with a minimum overall 2.5 GPA or better.
2. Submit a personal essay. For essay requirements, please visit our Requirements and Forms (www.monmouth.edu/university/requirements-and-forms.aspx) Web page.
3. Submit two (2) professional letters of recommendation

Master of Arts in Addiction Studies (MA) and Master of Science in Clinical Mental Health Counseling (MS)

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. GRE scores may be required, except for candidates with a master’s degree in a related field.
5. Narrative (four to five pages, double spaced) in response to the questions outlined on the Admission Application Essay Form.
6. Participation in a group interview.

Graduate Certificate in Professional Counseling

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

Master of Arts in Public Policy (MA)

1. Possession of a baccalaureate degree with a 2.75 minimum overall GPA.
2. Two-page typewritten personal statement (approximately 500 words) highlighting personal and/or professional goals and objectives for wanting to pursue graduate study in the field of public policy and public affairs.
3. Two letters of recommendation from persons familiar with your academic and/or professional competence.

Master of Social Work (MSW)

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, Biology, 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, which can be obtained by visiting www.monmouth.edu/admission/graduate/MSWAutobiographicalStatement.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.

Post-Master’s Certificate: Play Therapy

1. A master’s degree in a medical or mental health discipline (for example, MSN, MSW, MA) and eligibility for licensure in that discipline.
Master of Science in Computer Science (MS)

Graduate Certificate in Computer Science

1. Possession of a baccalaureate degree with a minimum 2.75 overall GPA, 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 (4 cr.) and CS-176 Introduction to Computer Science II (4 cr.)) at a recognized institution with a grade of “B” or better. Applicants not meeting these requirements for programming experience may be admitted conditionally and required to take CS-501A Computer Programming Essentials (3 cr.) or its equivalent.

Master of Science in Information Systems (MS)
(Management and Technology tracks)

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.

Master of Science in Software Engineering (MS)

Software Engineering Certificate Programs

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. (Credits earned will not be applied toward 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 (MBA)

Master of Business Administration (MBA) with Concentrations in

- Accounting,
- Finance,
- Management,
- Marketing, and
- Real Estate

Accelerated Master of Business Administration (MBA)

Graduate Certificate in Accounting

1. Possession of a four-year baccalaureate degree and with a minimum GPA of 2.75 and either:
   a. GMAT\(^1\) or
   b. CPA or CFA licensure.
2. Possession of a Master’s or Doctoral degree (MS, MD, JD, PhD, EdD, etc.).
4. Essay explaining why the applicant wishes to pursue this graduate program (500 words or less).
5. 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.

Master of Arts in Teaching (MAT)

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. SAT with a combined score of at least 1660 in critical reading, writing, and mathematics or ACT with a score of 23 or
   b. GRE score with at least a 4.0 on the analytical writing section and a combined score of 310 on the quantitative and verbal sections or
   c. official qualifying score on three parts of the Core Academic Skills for Educators.
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.
7. Admission into MAT with an Endorsement in K-12 Education in Health and Physical Education requires prior completion of thirty undergraduate credits in a coherent sequence of courses in health and a minimum of fifteen undergraduate credits in physical education OR thirty undergraduate credits in a coherent sequence in physical education and a minimum fifteen undergraduate credits in health.
Study of individual, dual, and team sports must be part of the physical education credits.

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 (MEd)**
1. Possession of a baccalaureate degree with an overall GPA 2.75 or higher.
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 (MSEd)**
1. Applicant must be a certified teacher. (Does not apply to MSEd School Counseling and Student Affairs College Counseling.)
2. Possession of a baccalaureate degree with a minimum 2.75 overall GPA and a 3.0 GPA in the undergraduate major.
3. Two letters of recommendation related to the applicant's competence for this graduate program and professional work.
4. Essay (500 words or more) explaining why the applicant wishes to pursue this graduate program.

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

**Master of Science in Nursing (MSN)**
1. Possession of a baccalaureate degree with a minimum 2.75 GPA. RN students with a baccalaureate degree other than nursing may be admitted into the "bridge" program.
2. GRE scores may be waived pending a minimum of a "B" (3.0) earned in each of the first four courses of the program. Satisfactory GRE courses will be required to continue if a "B" or better is not earned in each of the first four courses.
3. A personal statement (one to two pages) outlining professional goals.
4. Two letters of recommendation. One year of clinical experience is necessary to begin the clinical specialty.
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. 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.
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 certificate.

**Master of Science Physician Assistant (MS)**
1. Possession of a baccalaureate degree from a regionally accredited college or university.
2. A minimum cumulative GPA of 3.0 on a 4.0 scale and a minimum 3.0 GPA in prerequisite courses.
3. 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; General Psychology; and any one of the following math courses: pre-calculus, calculus, or statistics.
4. A minimum of 200 documented hours of shadowing/volunteering/clinical work experience.
5. Complete the Graduate Record Examination (GRE) in the past five years, and achieve scores at the 50th percentile or greater for the verbal and quantitative sections and an analytical writing score at or greater than 4.5 in the revised GRE General Test (taken after August 2011).
6. Technical Standards Acknowledgement and a $50 application fee.
7. Personal interview with the Admissions Committee.
8. Completion of eighteen (18) credits of speech-language pathology prerequisite courses.

**Master of Science in Education (MSEd) Speech-Language Pathology**
1. 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.
2. 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.
3. Essay (500 words or more) explaining why the student wishes to pursue a career in Speech-Language Pathology.
4. Two professional letters of recommendation.
5. Résumés are recommended but not required.
7. Completion of fifteen (18) credits of speech-language pathology prerequisite courses.
Doctor of Nursing Practice (DNP)
Doctor of Nursing Practice (DNP) with Nursing Education Endorsement
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. Employed for at least one year after completing an MSN.
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 interview with the DNP Committee. A writing sample is submitted during the interview; an acceptable sample would be a recent paper or sole-author article.
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 in 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 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.

Post-Master’s Certificates
1. Possession of 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.
3. A personal statement (one or two pages) outlining professional goals.
4. Two letters of recommendation. One year of clinical experience is necessary to begin the advanced specialization clinical courses.
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.

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 2.75 or above overall GPA.
2. A passing score for the Oral Proficiency Interview (OPI) in the English Language for non-native speakers of English.

Graduate Certificate: Autism
1. Applicant must be a certified teacher (does not apply to MSEd Educational Counseling and Principal Concentrations).
2. Possession of a baccalaureate degree with a minimum 2.75 overall GPA and a 3.0 GPA in the undergraduate major.
3. Two letters of recommendation related to the applicant’s competence for this graduate program and professional work.
4. Essay (500 words or more) explaining why the applicant wishes to pursue this graduate program.

Graduate Certificate: Applied Behavior Analysis
1. Bachelor's degree from an accredited institution with an overall GPA of 2.75 or higher and a major GPA of 3.0 or higher.

Note: Course credits earned in a previous degree program, at either Monmouth or another institution, may not be applied toward this certificate.

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 minimum 2.75 GPA.
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 two letters of recommendation related to the applicant’s competence for this graduate program and professional work.
3. Applicant must submit an essay of 500 words or more explaining why applicant wishes to pursue a Student Assistance Coordinator (SAC) endorsement.
4. 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 minimum 2.75 GPA.
5. Official undergraduate and graduate transcripts.

Graduate Endorsement: English as a Second Language (ESL)
1. A bachelor’s degree (BA or BS) with a minimum 2.75 GPA.

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 above 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.)

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.

Post-Master’s Endorsement: Director of School Counseling Services
1. Possession of a baccalaureate degree with a minimum 2.75 overall GPA 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 in Education.
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. Applicant must have three years of successful teaching experience.
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 minimum 2.75 GPA.
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. Please see Previous Course Work for information regarding the use of transfer credits.

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 twelve (12) credits of graduate work from another CSWE-accredited MSW graduate school. Students who are enrolled in a Monmouth University MSW Program with advanced standing will be able to transfer a maximum of six (6) credits of graduate work from another CSWE-accredited MSW graduate school. Both groups of 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 six 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 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.

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

Credit Transfer

Transfer students who have been admitted to the University will receive an official transfer credit evaluation. 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 (GPA).

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 are available in the Office of Admission. If the applicant has attended another institution in the interim, the applicant must have an official transcript forwarded to the Office of Admission. 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 three basic criteria before being accepted and issued an I-20 Form:

• demonstration of academic ability,
• English language proficiency, and
• sufficient financial support.

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.
Monmouth University will also accept international students who meet Monmouth’s regular standards for admission and who have successfully completed the ELS Language Services program at the master’s level of English proficiency, which is completion of Level 112, in lieu of the TOEFL or other English proficiency exam. Conditional acceptance may be issued by Monmouth University to those students who elect to prove English proficiency by enrolling in and completing ELS Level 112.

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 http://www.monmouth.edu/admission/graduate/international.asp. This document is required and must be completed before the Form I-20 can be issued.

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 visit 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. If fewer than twenty-four transferable credits have been completed, high school/secondary school transcripts must also be provided. Transcripts that are not in English must be translated and evaluated by a reputable credential evaluation service, including members of the National Association of Credential Evaluation Services (NACES), and then sent directly from the agency to Monmouth University. A course-by-course evaluation is required for all non-English transcripts. Course descriptions in English of all completed course work are also required if not included in the course-by-course evaluation. Transcripts are considered official when sent directly to Monmouth University from the college/university at which the courses were taken and certified by the institution’s Registrar’s Office, Ministry of Education, or when sent directly from the evaluation agency along with the translation and evaluation to the Office of Admission Processing. Photocopied documents or transcripts marked “issued to student” are not accepted as official.

The records should list all courses the student has taken and grades received in each subject. Course descriptions and/or syllabi and the number of weeks and hours spent in lectures and laboratory work for each course are required of transfer applicants if transfer credit is expected. Only credits from recognized accredited institutions will be considered for direct transfer into any degree program. All course work is subject to approval by the department chair of the specific program chosen; not all courses may transfer. A maximum of 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. The English proficiency/SAT requirement can be waived for international students who have completed at least twenty-four transferable credits of which at least three are in English at the 100 level or higher. 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 if currently enrolled at a U.S. institution (http://www.monmouth.edu/Student/grad/Transfer.pdf) and Monmouth University’s Application for Form I-20 http://www.monmouth.edu/uploadedFiles/Content/University/admission/international-students/FormI20.pdf

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 (see details referenced in the International Applicants section).

### Military Applicants

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

**Veterans and War Orphans**

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

**Non-Disclosure**

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

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

Tuition and Fees Per Semester
Effective May 9, 2016, for the Summer 2016, Fall 2016, and Spring 2017 Semesters

<table>
<thead>
<tr>
<th>Undergraduate</th>
<th>Item</th>
<th>Semester Cost</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>12 - 18 credits</td>
<td>$17,332.00 ($350.00)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Each credit in excess of 18</td>
<td>$1,003.00/credit ($350.00)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>9 - 11.5 credits</td>
<td>$1,003.00/credit ($350.00)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Less than 9 credits</td>
<td>$1,003.00/credit ($175.00)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Auditor Program</td>
<td>$334.00/credit</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Summer Session</td>
<td>$849.00/credit</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Graduate</th>
<th>Item</th>
<th>Semester Cost</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>9 or more credits</td>
<td>$1,098.00/credit ($350.00)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Less than 9 credits</td>
<td>$1,098.00/credit ($175.00)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Auditor Program</td>
<td>$368.00/credit</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Summer Session</td>
<td>$1,111.00/credit</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Senior Citizens (Undergraduate and Graduate)</th>
<th>Item</th>
<th>Semester Cost</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>9 or more credits</td>
<td>$289.00/credit ($350.00)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Less than 9 credits</td>
<td>$289.00/credit ($175.00)</td>
<td></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.

<table>
<thead>
<tr>
<th>Residence Halls</th>
<th>Item</th>
<th>Semester Cost</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Spruce/Willow/Cedar/Laurel/Beechwood</td>
<td>Single Room</td>
<td>4,741.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Double Room</td>
<td>3,744.00</td>
<td></td>
</tr>
<tr>
<td>Elmwood/Pinewood</td>
<td>Single Room, small</td>
<td>3,663.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Single Room</td>
<td>4,661.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Double Room</td>
<td>3,695.00</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Triple Room</td>
<td>2,771.00</td>
<td></td>
</tr>
<tr>
<td>Oakwood/Redwood</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Double Room 4,580.00
Triple Room 3,376.00
Garden Apartment 5,276.00
Great Lawn/Maplewood Double Room 4,817.00
Triple Room 3,760.00
Mullaney Hall/New Residence Hall Double 3,986.00
Triple 3,092.00
Pier Village
Single - Per Semester 7,943.00
Double - Annual 12,709.00
Contract (Billed in four cycles, see below):
Summer session A 555.00
Summer session E 2,038.00
Fall 4,780.00
Spring 5,335.00

University Bluffs
Apartments
Double - Per Semester 5,105.00
Double - Annual 11,879.00
Contract (Billed in four cycles, see below):
Summer session A 519.00
Summer session E 1,905.00
Fall 4,468.00
Spring 4,987.00

Intersession Housing
Residence Halls 214.00
Apartments 347.00

Study Abroad
Florence – Italy (room charge)
Double – Fall 3,604.00
Double – Summer 1,040.00
Regent’s College – London (room and board)
Single 7,542.00
Double 6,100.00
Triple 5,622.00
Macquarie University – Australia (room charge)
Single 6,760.00
Spain (Summer) (single room charge)
Double 1,789.00

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>2,630.00</td>
<td></td>
</tr>
<tr>
<td>195 Meals plus points plan</td>
<td>2,775.00</td>
<td></td>
</tr>
<tr>
<td>225 Meals plus points plan</td>
<td>2,863.00</td>
<td></td>
</tr>
<tr>
<td>Carte Blanche meal plan</td>
<td>2,958.00</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 9, 2016. Monmouth University reserves the right to alter any and all charges and to do so within the academic year.

### Other Fees

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

<table>
<thead>
<tr>
<th>Item</th>
<th>Semester Cost</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Fee</td>
<td>50.00</td>
<td></td>
</tr>
<tr>
<td>International Application Fee</td>
<td>50.00</td>
<td></td>
</tr>
<tr>
<td>Fall Orientation Fee (full-time, new undergraduate)</td>
<td>200.00</td>
<td></td>
</tr>
<tr>
<td>Spring Orientation Fee (full-time, new undergraduate)</td>
<td>75.00</td>
<td></td>
</tr>
<tr>
<td>Late Payment Fee</td>
<td>50.00</td>
<td></td>
</tr>
<tr>
<td>Physical Education Fee (refundable)</td>
<td>30.00</td>
<td></td>
</tr>
<tr>
<td>Lab/Studio Fee A (refundable)</td>
<td>100.00</td>
<td></td>
</tr>
<tr>
<td>Lab/Studio Fee B (refundable)</td>
<td>80.00</td>
<td></td>
</tr>
<tr>
<td>Lab/Studio Fee C (refundable)</td>
<td>60.00</td>
<td></td>
</tr>
<tr>
<td>Lab/Studio Fee D (refundable)</td>
<td>40.00</td>
<td></td>
</tr>
<tr>
<td>Lab/Studio Fee E (refundable)</td>
<td>20.00</td>
<td></td>
</tr>
<tr>
<td>Study Abroad Fee</td>
<td>135.00</td>
<td></td>
</tr>
<tr>
<td>Returned Check Fee</td>
<td>25.00</td>
<td></td>
</tr>
<tr>
<td>Cooperative Education Fee</td>
<td>45.00</td>
<td></td>
</tr>
<tr>
<td>Study Abroad Administration Fee - Fall or Spring</td>
<td>250.00</td>
<td></td>
</tr>
<tr>
<td>Student Teacher Early Field Experience Fee</td>
<td>60.00</td>
<td></td>
</tr>
<tr>
<td>Student Teaching Field Experience Fee</td>
<td>300.00</td>
<td></td>
</tr>
<tr>
<td>Clinical Laboratory and Practicum Fee</td>
<td>300.00</td>
<td></td>
</tr>
</tbody>
</table>

### Portfolio Assessment Fees (per course)

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Workshop</td>
<td>30.00</td>
</tr>
<tr>
<td>Assessment per academic area</td>
<td>225.00</td>
</tr>
</tbody>
</table>

### Credit by Examination Fees

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Application Fee per course</td>
<td>15.00</td>
</tr>
<tr>
<td>Undergraduate per credit</td>
<td>1/3 cr. rate</td>
</tr>
<tr>
<td>Graduate per credit</td>
<td>1/3 cr. rate</td>
</tr>
</tbody>
</table>

### Summer Session Fees

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Workshop Fee per hour (refundable)</td>
<td>35.00</td>
</tr>
<tr>
<td>Study Abroad Administration Fee - Summer</td>
<td>125.00</td>
</tr>
</tbody>
</table>

### Summer Room Rates

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Residence Hall - per week</td>
<td>214.00</td>
</tr>
<tr>
<td>Garden Apartment - per week</td>
<td>267.00</td>
</tr>
<tr>
<td>Great Lawn Apartment - per week</td>
<td>267.00</td>
</tr>
<tr>
<td>University Bluffs Apartments – per week</td>
<td>290.00</td>
</tr>
</tbody>
</table>

### Parking Fees

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Resident (per year)</td>
<td>350.00</td>
</tr>
<tr>
<td>Resident (spring only)</td>
<td>175.00</td>
</tr>
<tr>
<td>Late Registration (per year)</td>
<td>50.00</td>
</tr>
<tr>
<td>Diploma Replacement Fee</td>
<td>50.00</td>
</tr>
</tbody>
</table>

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.

### Explanation of Tuition, Fees, and Deposits

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

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

Financial Aid awards will be based on the student’s status, and students should be aware that change in status may affect Financial Aid eligibility.

Graduate students are assessed tuition on a per-credit basis.

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.

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."


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 “Financial Information” and then “Account Summary” (if you have a balance due, a button will appear at the bottom of the screen to allow you to make an online payment).

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 may 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
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 online at http://www.monmouth.edu/registrar/registration_information/default.asp 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 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 - Complete Withdrawal Important Notice for Students with Federal Student Financial Assistance

Under new regulations that implement the Higher Education Amendments of 1998, students who completely withdraw from the University are responsible for repaying the unearned portion of loans and grants received in excess of charges to their student account directly to the federal government. Failure to return unearned grant funds to the U.S. Department of Education may result in the student becoming ineligible for financial aid in future academic years. Students who have been advised that they have unearned grant funds should contact the Office of Financial Aid, 732-571-3463, for information regarding making repayment arrangements with the U.S. Department of Education. Loans are to be repaid by the student in accordance with terms of their promissory note.

If the amount of aid credited to a student’s account at the time of withdrawal is less than the amount of aid earned based on the proportion of the semester that the student was enrolled, a post-withdrawal disbursement of aid can be made. If there are outstanding charges on the student’s account, the University will make the post-withdrawal disbursement to the student’s account. If there are no outstanding charges on the student’s account, the University must notify the student regarding the availability of the post-withdrawal disbursement. The student must inform the University within fourteen days of this notification as to whether the student wishes to receive the post-withdrawal disbursement. No post-withdrawal disbursement will be made unless the University receives a response from the student within this time frame.

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 is available from the Office of the Bursar or online at http://www.monmouth.edu/campus_life/bursar/refund.asp.

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 and their families in developing a comprehensive educational financial plan. Students and families 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 or via e-mail at finaid@monmouth.edu.

Application Process

Monmouth University uses the Free Application for Federal Student Aid (FAFSA) as its primary application for all federal, state, and institutional financial aid programs; no supplementary applications are required. Students are encouraged to apply online at www.fafsa.gov (http://www.fafsa.gov).

The FAFSA is completed each year using the student’s and parents’ 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 after January 1. Monmouth University does not have established deadlines for processing financial aid. However, students are encouraged to file as soon after January 1 as possible.

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 communicated to the student via the Financial Aid Award Letter; newly enrolling students will receive a hard copy of the award letter, 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 WebAdvisor. Students need not return the award letter unless they are declining some portion of the aid being offered; new students should sign and return a copy of the award letter, while continuing students may simply reply to the award letter e-mail.

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 in the completion of the baccalaureate degree. Partial-tuition scholarships are awarded by the Office of Graduate Admission and are made on the basis of the student’s cumulative undergraduate grade point average. Award amounts vary as a function of the student’s undergraduate cumulative grade point average and the number of registered credits each term. International candidates’ undergraduate grade point averages are converted to the American grading system. All applicants for admission are automatically evaluated for scholarship eligibility; the student need not complete a separate application. Awards are not made in combination with the following forms of assistance: tuition remission, Second Master’s Scholarships, Math/Science Educator Scholarships, and senior citizen tuition discounts. However, the Graduate Scholarship may be combined with graduate assistantships and employer tuition reimbursement; as long as the combination does not exceed tuition and fees (fees do not include books). Scholarships are renewable throughout the duration of the student’s enrollment, as long as the student maintains a minimum cumulative grade point average of 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; the student need not complete a separate scholarship application. Scholarships are renewable throughout the duration of the student’s enrollment, provided that the student maintains a minimum grade point average of 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. However, the Second Master’s Scholarship may be combined with the following; as long as it does not exceed tuition and fees (fees do not include books): graduate assistantships, and employer tuition reimbursement.

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; the student need not complete a separate application. Scholarships are renewable throughout the duration of the student’s enrollment, provided that the student maintains a minimum grade point average of 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. However, the Math/Science Educators Scholarship may be combined with the following; as long as it does not exceed tuition and fees (fees do not include books): graduate assistantships, and employer tuition reimbursement.

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 at 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. At present, the University provides funding for a total of forty (40) students; students may be either undergraduates or graduates. Awards are made on a first come, first served basis and students are notified of their eligibility through an 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, maintains eligibility criteria as specified by the VA, and meets the established 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 graduates 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, as 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. 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);
• Sign a TEACH Grant Agreement to Serve and complete an entrance counseling session.

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

**Graduate Endowed Scholarships**

The University offers a small number of 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, 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 cannot exceed the student’s budgeted cost of attendance in combination with all other aid. The interest rate is fixed for the life of the loan at 5.31% for loans disbursed on or after July 1, 2016 and before July 1, 2017; 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 before October 1, 2015 and before October 1, 2016, the origination fee is 1.068% of the principal amount of the loan. Unsubsidized Loans are available during the regular academic year (i.e., fall and spring semesters) and may be available during the summer term; to access funds during the summer term, students must complete the University’s Summer Financial Aid Application and must be registered for at least six credits during the summer.

The Financial Aid Office will provide the student with a promissory note for the Direct Loan and Entrance Counseling materials. Once the student has completed both the Promissory note and the Entrance Counseling requirements, the funds will be electronically transferred to the student’s account.

**Direct PLUS Loan for Graduate Students**

In addition to the general eligibility requirements noted for the Direct Unsubsidized loan, the student must also not have an adverse credit history. Students may borrow up to the cost of attendance, less other financial aid awarded. Students must also have applied for and utilized the annual loan maximums (i.e., $20,500) in the Direct Unsubsidized loan program before applying for a Direct PLUS Loan for Graduate Students. The interest rate is fixed for the life of the loan at 6.314% for loans disbursed on or after July 1, 2016 and before July 1, 2017; 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 before October 1, 2014 and before October 1, 2015, the origination fee is 4.292% of the principal amount of the loan, while for loans disbursed on after October 1, 2015 and before October 1, 2016, that fee is 4.272%. 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 for a PLUS loan at www.studentloans.gov (http://www.studentloans.gov). 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.

**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 percent 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 there is minimum annual payment of 10 percent of the principle of the loan 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.

**Tudor Loan**

This loan program is funded by a donor to Monmouth University. Awards are made at the discretion of the Director of Financial Aid to students who are in need and are made at a maximum of $1,000. Awards are not renewable. Tudor 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 5 percent 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 and there is minimum annual payment of $200 of principle and interest.
- The maximum repayment term is ten (10) years and there is no penalty for prepayment.
- In order to accept the offer of a Tudor 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 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 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 assistance award; 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 six credits per term) in the Nursing Education program and must not have judgment liens against him/her based on the default of a federal debt. Once the award has been made, the student must complete a promissory note and, for each year in which the loan is awarded, an entrance counseling session. The Financial Aid Office will provide the student with the promissory note and entrance counseling materials.

The NFLP loan will accrue interest on the unpaid balance of the loan at the rate of 3 percent 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 percent of the remaining principle and interest will be cancelled. Upon completion of the fourth year of employment 25 percent of the remaining principle and interest will be cancelled. (Note that if the borrower fails to complete the fourth consecutive year of employment, the interest rate will revert to the prevailing market interest rate.)

Alternative Loans

Alternative financing sources are available from private banking concerns and are ideal 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. Since there are many options, students will want to compare lenders to find the Alternative Loan that best meets their needs. As a starting point, we have compiled a list of preferred lenders. The lenders appearing on the list have been chosen without prejudice and for the sole benefit of Monmouth University students. Interest rates and fees, borrower benefits, life of loan servicing, and meeting customer service standards have all been taken into consideration on our lender evaluation scorecard (available online for review). Students are free to choose ANY lender—whether it is on the list or not—without penalty. In the event that you choose a lender not appearing on the list, please notify the Financial Aid Office so we may assist in processing your loan.

Interested students are encouraged to contact the Financial Aid Office at 732-571-3463 or visit www.monmouth.edu/alternative for assistance in selecting the loan that best suits their needs.

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. 40) page of this catalog provides more detailed information. The total amount of an assistantship combined with a University scholarship will not exceed the cost of tuition and fees in any semester. 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; 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 percent 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 ineligibility. The student will have the opportunity to submit a written appeal for review. All such appeals should be forwarded to the Associate Director of Financial Aid. The Associate Director will review the appeal and may elect to return the student to good standing, continue the student’s financial aid 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 is considered the last date of attendance
and will be the date used for calculating the amount of financial aid to be
returned. A student who receives a combination of "F" and/or "W" grades
at the end of a semester is considered unofficially withdrawn. Instructors
report the last recorded date of attendance for the student. This will be
the date 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
percent of the term, the student will have earned 25 percent 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 portion of the post-withdrawal
disbursement that is not credited to the student’s account may be
disbursed. 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, PhD

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. 103),
- The School of Education (p. 116),
- The Wayne D. McMurray School of Humanities and Social Sciences (p. 48),
- The Marjorie K. Unterberg School of Nursing and Health Studies (p. 145),
- The School of Science (p. 83),
- The School of Social Work (p. 167).

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.

Degree Programs
Monmouth University offers a variety of courses and programs at the graduate level.

Wayne D. McMurray School of Humanities and Social Sciences
Dean: Kenneth Womack, PhD

Completion of the following programs leads to a Master of Arts (MA):
- Addiction Studies
- Anthropology
- Corporate and Public Communication
- Criminal Justice
- English with a Concentration in Creative Writing
- English with a Concentration in Literature
- English with a Concentration in Rhetoric and Writing
- History
- Public Policy

Completion of the following programs leads to a Master of Science (MS):
- Clinical Mental Health Counseling
- Homeland Security

Completion of these certificate programs leads to the following:
- Graduate Certificate in Professional Counseling
- Graduate Certificate in Public Service Communication Specialist

School of Social Work
Dean: Robin Mama, PhD

Completion of the following program leads to a Master of Social Work (MSW):
- Social Work

Completion of this graduate post master's certificate program leads to the following:
- Graduate Post Master's Certificate in Play Therapy

Schools of Science
Deans: Steven Bachrach, PhD

Completion of the following programs leads to a Master of Science (MS):
- Computer Science
- Information Systems
- Software Engineering

Completion of these certificate programs leads to the following:
- Graduate Certificate in Computer Science — Software Design and Development
- Graduate Certificate in Software Development
- Graduate Certificate in Software Engineering

Leon Hess Business School
Dean: Donald M. Moliver, PhD

Completion of the following programs leads to the Master of Business Administration (MBA):
- 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:
- Graduate Certificate in Accounting

School of Education
Dean: John E. Henning, PhD

Completion of the following program leads to the Master of Arts in Teaching (MAT):
- Master of Arts in Teaching

Completion of the following program leads to the Master of Education (MEd):
- Master of Education

Completion of the following programs leads to the Master of Science in Education (MSEd):
- 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

School of Nursing and Health Studies
Dean: Janet Mahoney, PhD

Completion of the following program leads to the Master of Science in Nursing (MSN):
• Nursing

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

Completion of these post-master’s certificate programs leads to the following:
• Post-Master’s Certificate: Adult-Gerontological Primary Care Nurse Practitioner
• Post-Master’s Certificate: Family Nurse Practitioner
• Post-Master’s Certificate: Nursing Administration
• Post-Master’s Certificate: Nursing Education
• 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 (PA)

Completion of the following programs leads to the Doctor of Nursing Practice (DNP):
• Doctor of Nursing Practice (DNP)
• Doctor of Nursing Practice (DNP) with Nursing Education Endorsement

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 freshmen and undeclared sophomores. 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 also sent to students frequently via University e-mail.

Housed within the Office of Career Services is the Office of Service Learning and Community Service. This office 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.

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.

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 free, 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 e-mail at tutoringservices@monmouth.edu, or by visiting the Tutoring Services Web site at www.monmouth.edu/tutoring.

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 e-mail at writingservices@monmouth.edu, or by visiting the Writing Services Web site at 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 at 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.

Monmouth University Library

The University 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 café.

Serving our faculty and students, with resource materials needed to support both curriculum and research needs, the University Library is the center of learning and research. The University Library provides robust access 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.

Our online services are available twenty-four hours per day, seven days per week, at library.monmouth.edu (http://library.monmouth.edu/main) and include research guides customized by subject area that can be helpful in jumpstarting 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, e-mail at reference@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 technologies into their courses and are provided necessary training and support to do so. Beyond making use of our learning management system for content presentation and online participation, many employ a variety of Web-based tools to increase student collaboration, participation, and engagement. In addition, the Monmouth University Library catalog and digital databases are available online, as are many instructional materials used in individual courses.

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

All students are provided with an official e-mail account and storage for course-related files and Web pages. The Student Technology Assistant Program (STAP) provides students with the opportunity to learn about current technology, while earning cash and boosting their résumé. Each semester, approximately forty (40) undergraduate and graduate students from all majors join the program in one of several different positions. STAP members can be found working in the University's open...
computer labs, at the Student Help Desk, with multimedia equipment, and troubleshooting problems with computer hardware and software.

For all information management service needs, call the Help Desk at 732-923-4357 (HELP), Monday through Friday from 8:15 a.m. until 9 p.m. (5 p.m. on Fridays during the summer). Technicians are also on site until 11 p.m., Monday through Friday, with abbreviated availability on weekends. For more information on the services of Information Management, please visit the Web pages at http://www.monmouth.edu/Campus_Technology.aspx.

### 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>
<tr>
<td>P</td>
<td>Pass. This grade is given for satisfactory completion of a course that is graded on a Pass/Fail basis. This grade is not used in computing a student’s cumulative grade point average (GPA).</td>
</tr>
<tr>
<td>R</td>
<td>Re-Registration Required. This undergraduate grade is given when a student has made significant, but not sufficient, progress in a developmental course. (See section entitled Developmental Courses.) This grade is not used in computing a student’s cumulative grade point average (GPA).</td>
</tr>
<tr>
<td>S</td>
<td>Satisfactory progress. This grade is given at the end of the first semester when satisfactory progress has been made in a course, which is part of a sequence of courses that take more than one semester to complete.</td>
</tr>
<tr>
<td>AU</td>
<td>Audit. This grade is given to a student who attends a class for the purpose of acquiring knowledge, without earned credits. The auditor is expected to attend classes, do assigned reading, and participate in class discussions, but is not required to take examinations.</td>
</tr>
<tr>
<td>T</td>
<td>Transfer. This grade is given to incoming students for courses accepted for transfer by Monmouth University. This grade is not computed in the grade point average (GPA).</td>
</tr>
<tr>
<td>W</td>
<td>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.</td>
</tr>
<tr>
<td>I</td>
<td>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 &quot;W&quot; or &quot;F&quot; 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 &quot;F&quot; 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 &quot;I&quot; is assigned, the grade will be converted to &quot;S.&quot; Similarly, in non-thesis courses graded on the P/F scale, when the grade of &quot;S&quot; is submitted, the grade will be converted to &quot;I.&quot;</td>
</tr>
<tr>
<td>NR</td>
<td>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.</td>
</tr>
</tbody>
</table>
Credit by Exam. Portfolio Credit.
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 (GPA).

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

<table>
<thead>
<tr>
<th>Grade</th>
<th>Points</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 (GPA) for a given semester, a student should divide the number of grade points awarded by the number of credits attempted (excluding withdrawals). The official GPA is rounded to two decimal places.

To calculate the cumulative graduate GPA, 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 GPA includes all courses taken within the major and courses cross-listed within a major. All graduate courses are included with the GPA calculation, regardless of repeats.

Repeating a Course: Impact on the GPA

When a course is repeated, both grades are used in calculating the cumulative GPA. 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 GPA.

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

Grade Reports

A grade report is e-mailed to each student approximately ten days after the end of each semester. Final grades are recorded on the student’s official academic record. The Office of the Registrar does not respond to individual requests for grades until after the grade reports have been generated. 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 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 MSW students, carry at least nine credits in a regular semester. Full-time MSW students carry fifteen credits per semester, which includes a field internship experience. Regular full-time MSW students can complete the MSW degree requirements in two calendar years. Students admitted to the Advanced Standing MSW program as full-time students can complete the MSW degree in one calendar year.

Part-time graduate students, excluding MSW students, carry fewer than nine credits per semester. Part-time MSW students carry fewer than fifteen (15) credits per semester. Regular part-time MSW students can complete the MSW degree in four calendar years. Students admitted
to the Advanced Standing MSW program as part-time students can complete the MSW 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 are available on the Monmouth University Web site at http://www.monmouth.edu/university/credit-hours-defined.aspx.

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.

**Graduate Assistantship Program**

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.

For further information and deadlines, 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 offices 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. International graduate students - Monmouth University does not offer graduate assistantships to first semester international graduate students. Please consult the “Handbook for International Students and Scholars” (available from the Office of Global Studies).

4. 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.

5. 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.

6. 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).

7. Upon receipt and acceptance of a graduate assistantship position, the student is responsible for the completion of an Approval and Acceptance Form, must be completed by the sponsoring department and the student for each semester for the graduate assistantship to be processed.

8. 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.

9. A new application/resume is required for each semester that you wish to be considered for an assistantship, by the above deadlines. Applications are not renewed automatically.

10. The Office of Graduate Studies should be promptly notified if an application has to be withdrawn.

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 Amnest 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. Students may submit an application for academic amnesty via e-FORMS, which are accessible from the student’s WEBstudent account.

**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.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.

**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 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 GPA 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: DNP Program**

A grade of “B” or better in each of the DNP 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 DNP 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 DNP program. All courses must be completed with a grade of “B” or better before starting the capstone sequence. A student in the DNP 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 GPA falls below 3.00.

**Graduate Academic Dismissal**

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 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. 38)” 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. 28).”

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

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

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

Fourteenth Week Class Schedule

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

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

It is the right of a student to review any graded examination in the presence of the instructor. Final fourteenth week class grades may represent no more than one-third of the term grade.

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 at 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. 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. Biographical information is not changed for previously enrolled students; alumni should contact the Office of Alumni Affairs to report biographical changes.

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 that permits the student use of University facilities to complete this work.

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.

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 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 Leon Hess Business School. Transferred courses must be from institutions accredited to offer graduate courses and must carry a minimum grade of “B.”

Students in the sixty-credit MSW Program will be able to transfer a maximum of twelve credits of graduate work from another Council
on Social Work Education (CSWE)-accredited MSW graduate school, 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 six years prior to admission into the MSW Program at Monmouth University, and
5. the courses are foundational courses and do not include field placement or any of the Social Work practice sequence courses.

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 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.

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

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 summer school is twelve (12) 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:

- Grades (midterm and final)
- Grade Point Average (GPA)
- Academic audit
- Student schedule
- WEBregistration
- 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) using WERegistration or with the assistance of their academic advisor/department.

Students who wish 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” form. 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 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 should also confer with their advisors when they want to register for more than eighteen (18) credits per semester. Students must fulfill the most current prerequisite requirements prior to taking courses at Monmouth University.

**Transcript Requests**

Current student requests for transcripts must be made by submitting a “Request for Transcript” e-FORM to the Office of the Registrar. Former students and alumni should submit a “Request for Transcript of Academic Record” from the Monmouth University Web site. All transcript requests should be made at least two weeks prior to the time they are to be sent; hard-copy requests must bear the signature of the student whose record is being requested. 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:

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**University E-mail**

Monmouth University provides all students with a Monmouth University e-mail account. Some student notices are sent exclusively to the Monmouth University e-mail account, such as:

- Grade reports
- Semester schedules
- Registration information
- Academic announcements
- Graduation deadlines

Additionally, administrative offices have established e-mail accounts for student use; however, the student e-mail must be generated from the Monmouth University account. Students are encouraged to communicate with University offices using their Monmouth University e-mail account:

- admission@monmouth.edu
- bursar@monmouth.edu
- finaid@monmouth.edu
- graduateschool@monmouth.edu
- fyseminar@monmouth.edu
- registrar@monmouth.edu
THE WAYNE D. McMURRAY SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

Dean: Kenneth Womack, PhD
Associate Dean: Nancy Mezey, PhD
Associate Dean: Michael Thomas, MFA

The Wayne D. McMurray School of Humanities and Social Sciences offers nine master's degree programs (Addiction Studies, Anthropology, Clinical Mental Health Counseling, Corporate and Public Communication, Criminal Justice, English, History, Homeland Security, and Public Policy), as well as twenty-three undergraduate degree programs. Graduate certificates are offered in homeland security, professional counseling, and three 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 related professional fields provide valuable perspectives and skills necessary for both the job market and community life. Among our academic goals are proficiency in all forms of communication, such as scientific literacy; an appreciation for the diversity of people and ideas and the ability to collaborate with others; stimulation of aesthetic sensitivity and creative expression; and the ability to think and react critically.

Within the School of Humanities and Social Sciences are the Freed Chair in Social Science endowed through a gift from the Gerald Freed Foundation, the Jules Plangere Jr. Chair in American Social History endowed through a gift of Life Trustee Jules Plangere Jr., and the McMurray-Bennett Endowed Chair in the Humanities. Professor Brian Greenberg of the History Department occupies the Plangere Chair, and Professor Kristen Bluemel of the English Department occupies the Wayne D. McMurray-Bennett Chair.

Anthropology
Chair: Richard Veit, Department of History and Anthropology

Master of Arts in Anthropology (MA)
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 archeology, cultural resource management, historic preservation, and geographic information systems (GIS). 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 PhD 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.

Programs
Masters
- M.A. in Anthropology - Thesis Track (p. 51)
- M.A. in Anthropology - Non-Thesis Track (p. 51)

Faculty
Veronica Davidov, Assistant Professor and Anthropology Graduate Program Director (Graduate Faculty). PhD, 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.
vdavidov@monmouth.edu

Hillary DelPrete, Assistant Professor (Graduate Faculty). BS, Tulane University; MA, PhD, 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

Stanton M. Green, Professor (Graduate Faculty). BA, New York University; MA, PhD, 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

Richard F. Veit, Professor and Chair (Graduate Faculty). BA, Drew University; MA, College of William and Mary; PhD, University of Pennsylvania. Teaching areas include archaeology, historic preservation, North American Indians, and New Jersey history. Research interests include historical archaeology, industrial archaeology, and early American Material Culture. Author of Digging New Jersey’s Past: Historical Archaeology in the Garden State.
rveit@monmouth.edu

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

AN-502 Seminar in Biological Anthropology Credits: 3
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
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: All Terms
Course Type(s): HSUS
An intensive introduction to historical and industrial archeology (c. 1492+). Topics covered include exploration, imperialism, colonization, industrialization, and urbanism. Archeological field methods and the interpretation of material culture are also introduced. Also listed as HS-506.

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

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

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

AN-573 Ecological Imperialism  
Term Offered: 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  
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  
Term Offered: All Terms  
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 Seminar in African History  
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  
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: All Terms
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-589 Formation of the Global System: Fifteenth to Sixteenth Centuries
Credits: 3
Term Offered: All Terms
Course Type(s): HSNW, HSWLD
Formation of the early global system that changed the world in the fifteenth and sixteenth centuries. Brief survey of the Euro-African and American worlds prior to the fifteenth century. Transformations resulting from transatlantic trade and the colonial order; conceptual changes about life, the biological order, and religion; exchanges of crops, animals, and disease; depopulation and migration; African slavery and the plantation system; the forging of labor as capital; the transfer of American gold, silver, and other wealth to Europe and its impact on class formation and capitalism; interactions with Asia. Roots of the contemporary world. Also listed as HS-589.

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.

AN-599 Independent Study in Anthropology
Credits: 1-3
Course Type(s): None
Reading and research leading to significant written work under the direction of a member of the anthropology faculty.

AN-691 Anthropology Thesis (Research)
Credits: 3
Prerequisite: Fifteen 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: Eighteen 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.

M.A. in Anthropology - Non-Thesis Track

Requirements (30 credits)

AN-501 Anthropological Theory 3
AN-520 Field Methods in Archaeology 6
AN-522 Ethnographic Methods 6
AN-524 Introduction to Geographical Information Systems (GIS) 6
AN-506 Historical Archaeology 6
AN-513 Origin of Civilization and the State 6
AN-540 Psychological Anthropology 6
AN-542 Economic Anthropology 6
AN-589 Formation of the Global System: Fifteenth to Sixteenth Centuries 6
AN-598 Special Topics in Anthropology 6
AN-504 Ancient Civilizations of Native America 6
AN-532 Native American History and Prehistory 6
AN-575 Civilizations of the Andes 6
AN-585 Seminar in African History 6
AN-586 Pre-Columbian Civilizations: The Aztec and Inka States 6
AN-595 Anthropology Internship/Practicum 6
Select an additional course from any Topical, Regional, or Methods Course 3
Select 6 additional credits in Anthropology 6
AN-CPE Anthropology Comprehensive Exam 0

Total Credits 30

M.A. in Anthropology - Thesis Track

Requirements (24 credits)

AN-501 Anthropological Theory 3
AN-520 Field Methods in Archaeology 6
AN-522 Ethnographic Methods 6
AN-524 Introduction to Geographical Information Systems (GIS) 6
AN-506 Historical Archaeology 6
AN-513 Origin of Civilization and the State 6
AN-540 Psychological Anthropology 6
AN-542 Economic Anthropology 6
Communication
Aaron Furgason, Chair, Department of Communication
Rebecca Sanford, Assistant Chair, Department of Communication

Master of Arts in Corporate and Public Communication (MA)
The Master of Arts in Corporate and Public Communication prepares students to become effective communication specialists in a number of fields, with skills that range from public relations and new media to organizational leadership. It is the goal of this program to provide education that combines broad theoretical knowledge with practical application in public relations, human resources management, and public service communication. The program serves students who wish to pursue a career in the burgeoning field of communication, as well as professionals who wish to improve their communication skills to enhance performance. The program offers thirty-one credits of core and elective courses, and students can choose between a thesis, project, or non-thesis option based on their professional goals.

Certificates
A certificate in Human Resources Management and Communication, Strategic Public Relations and New Media, or a Public Service Communication Specialist provides focused study for the student who wishes to study a specialized field in communication.

Programs
Masters
- M.A. in Corporate and Public Communication - Thesis Track (p. 57)
- M.A. in Corporate and Public Communication - Non-Thesis Track (p. 56)

Certificates
- Human Resources Management and Communication (p. 56)
- Strategic Public Relations and New Media (p. 56)
Courses

CO-COL  Colloquium in Communication Credits: 1
Term Offered: All Terms
Course Type(s): None

Required in first semester of graduate study. 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. (One section required) This is a pass/fail course.

CO-CPE  Communication Comprehensive Exam Credits: None
Course Type(s): None

Communication Comprehensive Exam This is a pass/fail course.

CO-501  Communication Theories for Professional Life Credits: 3
Term Offered: All Terms
Course Type(s): EN.RW

Introduces foundational ideas in the fields of human and mass communication and the ways scholars have developed these through research. Highlights theories that apply to public service communication(social responsibility, relationship building, etc.). Students learn to write literature review exploring recognized branch of theory.

CO-502  Research Methods for Professional Life Credits: 3
Term Offered: All Terms
Course Type(s): None

Introduces commonly employed quantitative and qualitative research techniques in communication as well as research ethics. Students learn to design a research project, conduct a pilot study, and write a formal proposal. Research for the public good will be emphasized.

CO-503  Graduate Foundations in Communication Credits: 3
Term Offered: All Terms
Course Type(s): None

Introduces new students to the field of communication, its history, branches and disciplines, emphasizing communication for the public good. Assists students in meeting demands of graduate study, using research resources, and understanding departmental policies. Establishes public service objectives of the program. Introduces options for final thesis or project. Students create a plan of study to guide future course and project selections.

CO-504  Principles of Public Relations Credits: 3
Term Offered: All Terms
Course Type(s): None

Explores the theoretical foundations and principles that encompass the field and practice of public relations. In addition to surveying relevant public relations communication theories, students will develop core competency skills in the creation and execution of strategies and tactics that encompass comprehensive public relations campaigns.

CO-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: All Terms
Course Type(s): TPS

A survey of the rhetorical principles that provide a basis for the production and analysis of effective oral presentation and impression management. Speech writing and delivery of persuasive presentations with a particular emphasis on presentational technologies. Preparation for a variety of public communication challenges are studied, and student presentation skills are honed in practice sessions.

CO-509  Communication, Culture, and Community Credits: 3
Term Offered: All Terms
Course Type(s): TPS

Fosters an understanding of community as a communication concept and explores the performance of community roles through civic engagement and democratic participation. Students will explore the nature of community, the impact of institutions in everyday life, the consequences of individual, social, and global privilege, and the role of personal responsibility in communities. Students test the possibilities and problems of contemporary forms of community through a community-based service project.

CO-510  Global Communication 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 and media. Global communication will be portrayed from different perspectives and this class will examine major trends and stakeholders. Global communication will be examined from theoretical, historical, cultural, economic, public policy, journalism and media, new technology, communication industry and public relations perspectives.
<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>CO-511</td>
<td>Strategic Digital Communication</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
</tr>
<tr>
<td>CO-512</td>
<td>Intercultural Communication and Diversity Management</td>
<td>3</td>
<td>All Terms</td>
<td>TPS</td>
<td>Term Offered: All Terms</td>
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<td></td>
<td>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.</td>
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<tr>
<td>CO-514</td>
<td>Conflict Management and Negotiation</td>
<td>3</td>
<td>All Terms</td>
<td>TPS</td>
<td>Term Offered: All Terms</td>
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<td></td>
<td>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.</td>
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<tr>
<td>CO-516</td>
<td>Public Relations and Fundraising for Nonprofits</td>
<td>3</td>
<td>All Terms</td>
<td>TPS</td>
<td>Term Offered: All Terms</td>
</tr>
<tr>
<td></td>
<td>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.</td>
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<tr>
<td>CO-520</td>
<td>Communication Ethics</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>Term Offered: All Terms</td>
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<td></td>
<td>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.</td>
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<tr>
<td>CO-523</td>
<td>Persuasion, Social Influence</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>Term Offered: All Terms</td>
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<td></td>
<td>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.</td>
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<tr>
<td>CO-524</td>
<td>Public Opinion and Media</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>Term Offered: All Terms</td>
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<td></td>
<td>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.</td>
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<tr>
<td>CO-525</td>
<td>Political Communication</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>Term Offered: All Terms</td>
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<tr>
<td></td>
<td>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.</td>
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<tr>
<td>CO-526</td>
<td>Advanced Public Relations Planning</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>Term Offered: All Terms</td>
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<td></td>
<td>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.</td>
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<tr>
<td>CO-527</td>
<td>Crisis and Issues Management</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>Term Offered: All Terms</td>
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<tr>
<td></td>
<td>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.</td>
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<tr>
<td>CO-530</td>
<td>Mass Media, Public Interest, Corporation Profit</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>Term Offered: All Terms</td>
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<tr>
<td></td>
<td>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 &quot;in the public interest.&quot;</td>
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</tbody>
</table>
CO-532  Global Media and New Technologies Credits: 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 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: All Terms
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 relate to the student's field of interest are implemented throughout the course to craft and refine skills in message construction.

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: All Terms
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-595  Corporate and Public Communication Internship 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.

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

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

CO-692  Communication Thesis II Credits: 3
Term Offered: All Terms
Course Type(s): None
Prerequisite: CO-691.
A two-semester sequence of an independent research study in consultation with a faculty thesis advisor. In the second semester, the student will complete work to execute the thesis proposal from CO-691. The completed twenty-five to thirty page thesis will include a research question or hypothesis, rationale for study, literature review, methodology, results, discussion, conclusion, complete bibliography, and appropriate appendices. Upon completion of the study, the student is required to defend the thesis before a faculty committee and make a presentation in Communication COL, Graduate Colloquium.
CO-693 Communication Project Proposal  Credits: 3
Prerequisites: CO-501, CO-502, and completion of nine graduate level communication credits.
Term Offered: All Terms
Course Type(s): None
A two-semester sequence of an independent professional project in consultation with a faculty project advisor. In the first semester, the student will review relevant trade and scholarly literature and conduct research leading to the development of a project proposal. The student must receive approval of the project advisor based on a demonstration of his or her pre-existing competence with media message construction.

CO-694 Communication Project  Credits: 3
Prerequisites: 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 Communication 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.

Certificate in Human Resources Management and Communication

Requirements (18 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CO-507</td>
<td>Organizational Communication</td>
<td>3</td>
</tr>
<tr>
<td>BM-635</td>
<td>Human Resource and Organizational Development</td>
<td>3</td>
</tr>
<tr>
<td>Select four of the following:</td>
<td></td>
<td>12</td>
</tr>
<tr>
<td>CO-505</td>
<td>Interpersonal Communication</td>
<td></td>
</tr>
<tr>
<td>CO-508</td>
<td>Presentational Communication: Design and Delivery</td>
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<tr>
<td>CO-510</td>
<td>Global Communication</td>
<td></td>
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<tr>
<td>CO-512</td>
<td>Intercultural Communication and Diversity Management</td>
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<td>CO-514</td>
<td>Conflict Management and Negotiation</td>
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<td>CO-540</td>
<td>Organizational Training and Consulting</td>
<td></td>
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<tr>
<td>CO-584</td>
<td>Leadership Communication</td>
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<tr>
<td>CO-595</td>
<td>Corporate and Public Communication Internship</td>
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</tbody>
</table>

Total Credits 18

Certificate in Public Service Communication Specialist

Requirements (18 credits)

Select 18 credits from the following: 18

<table>
<thead>
<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>CO-510</td>
<td>Global Communication</td>
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<tr>
<td>CO-511</td>
<td>Strategic Digital Communication</td>
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</tbody>
</table>

Certificate in Strategic Public Relations and New Media

Requirements (18 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CO-504</td>
<td>Principles of Public Relations</td>
<td>3</td>
</tr>
<tr>
<td>CO-526</td>
<td>Advanced Public Relations Planning</td>
<td>3</td>
</tr>
<tr>
<td>Select three of the following:</td>
<td></td>
<td>9</td>
</tr>
<tr>
<td>CO-510</td>
<td>Global Communication</td>
<td></td>
</tr>
<tr>
<td>CO-511</td>
<td>Strategic Digital Communication</td>
<td></td>
</tr>
<tr>
<td>CO-516</td>
<td>Public Relations and Fundraising for Nonprofits</td>
<td></td>
</tr>
<tr>
<td>CO-527</td>
<td>Crisis and Issues Management</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>
<td></td>
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<tr>
<td>CO-595</td>
<td>Corporate and Public Communication Internship</td>
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</tbody>
</table>

Select one of the following: 3

<table>
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<tr>
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<tbody>
<tr>
<td>CO-520</td>
<td>Communication Ethics</td>
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</tr>
<tr>
<td>CO-524</td>
<td>Public Opinion and Media</td>
<td></td>
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<tr>
<td>CO-532</td>
<td>Global Media and New Technologies</td>
<td></td>
</tr>
<tr>
<td>CO-595</td>
<td>Corporate and Public Communication Internship</td>
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</tr>
</tbody>
</table>

Total Credits 18

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

M.A. in Corporate and Public Communication - Non-Thesis Track

Requirements (10 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CO-COL</td>
<td>Colloquium in Communication</td>
<td>1</td>
</tr>
<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-509</td>
<td>Communication, Culture, and Community</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives (21 credits)
M.A. in Corporate and Public Communication - Thesis Track

Requirements (10 credits)
CO-COL  Colloquium in Communication  1
CO-501  Communication Theories for Professional Life  3
CO-502  Research Methods for Professional Life  3
CO-509  Communication, Culture, and Community  3

Thesis or Project (6 credits)
Select one of the following:  6
CO-691  Communication Thesis Proposal
& CO-692  and Communication Thesis II
CO-693  Communication Project Proposal
& CO-694  and Communication Project

Electives (15 credits)
Select 15 credits in Communication  15

Criminal Justice
Chair: Beth Sanders, Department of Criminal Justice

Master of Arts in Criminal Justice (MA)
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.

Master of Science in Homeland Security (MS)
The Master of Science in Homeland Security program is designed to develop scholar practitioners through a liberal arts education. Students will focus on Constitutional diligence and critical thinking to address the uncertain, ambiguous, complex, and ever-changing nature of homeland security and emergency management.

Faculty
Gregory Coram, Associate Professor (Graduate Faculty). MS, PsyD, Indiana State University. Areas of interest include psychology, criminal pathology, and corrections. Current research projects include the biology of violent criminals.
gcoram@monmouth.edu

Peter Liu, Professor (Graduate Faculty). BA, MA, Jilin University, China; PhD, Indiana University of Pennsylvania. Areas of interest include research methods, criminology, comparative criminal justice systems, and criminal justice organizations administration and management. Current research projects include comparative delinquency, Chinese justice system, and environmental crime.
pliu@monmouth.edu

Brian Lockwood, Assistant Professor (Graduate Faculty). BA, The College of New Jersey; MA, PhD, 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, Assistant Professor (Graduate Faculty). BS, College of New Jersey; MS, American University; PhD, 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). Provost and Vice President for Academic Affairs. BA, MA, Louisiana State University; PhD, 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

Beth Sanders, Associate Professor and Chair (Graduate Faculty). BA, Otterbein College; MS, PhD, University of Cincinnati. Specialized in police officer recruitment, selection, and the measurement of job performance. Research interests include gender differences, criminology, and community health. She frequently serves as a consultant for municipal police departments. Her work has appeared in the "Journal of Criminal Justice Education", "Policing", and "Deviant Behavior."
bSanders@monmouth.edu

Criminal Justice

Courses
CJ-CPE  Comprehensive Exam  Credits: None
Term Offered: All Terms
Course Type(s): None
Criminal Justice Comprehensive Exam This is a pass/fail course.
CJ-500  Theories and Methods of Geographic Information Systems
Credits: 3
Term Offered: All Terms
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
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.

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

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

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

CJ-542  Computer Application in Criminal Justice
Credits: 3
Term Offered: 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
Credits: 3
Term Offered: All Terms
Course Type(s): None
Probes ethical issues that arise throughout the criminal justice system. Students will examine the fundamental meaning of justice, explore approaches to moral reasoning, and investigate issues such as the use of discretion, capital punishment, prisoners’ rights, and other ethics of criminal justice research.

CJ-550  Seminar: Police Administration
Credits: 3
Term Offered: 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.

CJ-552  Computer Crime
Credits: 3
Term Offered: All Terms
Course Type(s): None
Understanding the nature of computer crime and the basic principles of technology in order to provide a foundation for criminal investigation.

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

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

CJ-562  Graduate Criminal Justice Internship
Credits: 3
Term Offered: All Terms
Course Type(s): None
Provides the student an opportunity to integrate academic theory with experiential learning. Each student will have an opportunity to focus on areas specific to his/her career objectives. Intern students will evaluate principles of the criminal justice system through on-site participation at an approved criminal justice agency. Executive writing opportunities will be an integral component of this course.
CJ-565 Comparative Criminal Justice Systems Credits: 3
Term Offered: All Terms
Course Type(s): None
Compares and contrasts the main similarities and differences among the major criminal justice systems in the world, including the civil law, common law, socialist law, and Islamic law families.

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

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

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

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

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.

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

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

CJ-691 Criminal Justice Thesis I Credits: 3
Corequisite: CJ-535.
Term Offered: All Terms
Course Type(s): None
Independent investigation of special topics reflecting the research interests of the sponsoring professor.

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

HLS-CPE Homeland Security Comprehensive Examination Credits: None
Prerequisite: Thirty-three credits successfully completed 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-610 Foundations of Homeland Security Credits: 3
Course Type(s): None
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
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 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
Course Type(s): None
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
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
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
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 CJ-662.

HLS-665  Emergency Management for Homeland Security  Credits: 3
Course Type(s): None
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
Prerequisites: HLS-610, HLS-620, HLS-630, and HLS-640.
Term Offered: All Terms
Course Type(s): None

HLS-675  Technology for Homeland Security  Credits: 3
Prerequisites: HLS-610, HLS-620, HLS-630, and HLS-640.
Course Type(s): None
Provides students with an overview of myriad technologies that have helped to shape the homeland security enterprise. Students will examine critical infrastructure and key resource 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
Prerequisites: HLS-610, HLS-620, HLS-630, and HLS-640.
Term Offered: All Terms
Course Type(s): None
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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>HLS-685</td>
<td>Strategic Plan for Homeland Security</td>
<td>3</td>
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<tr>
<td></td>
<td>Prerequisites: HLS-610, HLS-620, HLS-630, and HLS-640.</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></td>
<td>Provides students with an in-depth examination of</td>
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<td>strategic planning, especially as it relates to</td>
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<td>the homeland security enterprise. Students will</td>
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<td></td>
<td>explore how organizations identify, plan, and</td>
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<td>implement their strategy objectives. Students</td>
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<td></td>
<td>will analyze past, current, and future homeland</td>
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<td>security strategy objectives and identify both</td>
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<td>lessons learned and not learned. Students will</td>
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<td>develop a comprehensive strategic homeland security</td>
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<td></td>
<td>strategy to make safe and secure the nation.</td>
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<tr>
<td>HLS-690</td>
<td>Policy Analysis and Research Methods in Homeland</td>
<td>3</td>
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<tr>
<td></td>
<td>Security</td>
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<td>Term Offered: All Terms</td>
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<td></td>
<td>Course Type(s): None</td>
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<td></td>
<td>Requires students to construct an original research</td>
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<td>proposal that critically analyzes one aspect of the</td>
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<td>homeland security field within the United States of</td>
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<td>America. To do so, the course begins with a review</td>
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<td>of the tenets of sound research in the social sciences</td>
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<td>and proceeds with the development of a research</td>
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<td>proposal that includes the formulation of a research</td>
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<td>question and subsequent hypothesis, a review of the</td>
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<td>pertinent literature, and the development of a</td>
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<td>detailed methodology with which to conduct the</td>
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<td>research. Additional attention is devoted to the</td>
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<td>practical, ethical, and political issues that arise</td>
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<td>when conducting research and evaluation within the</td>
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<td>agencies, organizations, practices, and policies that</td>
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<td>fall under the auspices of the Department of Homeland</td>
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<td></td>
<td>Security.</td>
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<tr>
<td>HLS-695</td>
<td>Knowledge into Practice: Homeland Security Capstone</td>
<td>3</td>
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<td>Course</td>
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<td>Credits: 3</td>
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<td></td>
<td>Prerequisite: HLS-690</td>
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<td>Term Offered: All Terms</td>
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<td></td>
<td>Course Type(s): None</td>
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<tr>
<td></td>
<td>Provides students with a synthesis and an evaluation</td>
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<td></td>
<td>of Monmouth University's Masters in Homeland Security</td>
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<td>core curriculum functions and competencies: (1)</td>
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<td></td>
<td>Political, legal, and managerial context of</td>
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<td>homeland security, (2) Technology and its applications</td>
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<td>in homeland security, (3) Research, program</td>
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<td>evaluation, and needs assessment and their</td>
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<td>application to homeland security, and (4) Current</td>
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<td>and emerging homeland security threats. Students</td>
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<td>prepare an evidence-based research paper that</td>
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<td>applies the core curriculum functions and</td>
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<td>competencies to a related homeland security issue.</td>
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<tr>
<td>HLS-699</td>
<td>Independent Study in Homeland Security</td>
<td>3</td>
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<td>Credits: 3</td>
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<td>Prerequisite: Prior permission of the selected</td>
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<td>faculty member, program director, and chair.</td>
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<td></td>
<td>Term Offered: All Terms</td>
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<tr>
<td></td>
<td>Course Type(s): None</td>
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<td></td>
<td>Provides students the opportunity to focus on a</td>
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<td>specific area of interest within homeland security.</td>
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<td>Research, reading and faculty-student communications</td>
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<td></td>
<td>will result in a significant written project. The</td>
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<td>supervising faculty member will meet weekly with the</td>
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<td></td>
<td>student to monitor progress and provide feedback.</td>
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</tbody>
</table>

## Certificate in Homeland Security

**Requirements (12 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>HLS-610</td>
<td>Foundations of Homeland Security</td>
<td>3</td>
</tr>
<tr>
<td>HLS-620</td>
<td>Terrorism: Causes and Consequences: The Unconventional</td>
<td>3</td>
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<tr>
<td></td>
<td>Threat</td>
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<tr>
<td>HLS-630</td>
<td>Homeland Security Intelligence</td>
<td>3</td>
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</tbody>
</table>

### M.A. in Criminal Justice - Homeland Security Track

**Requirements (30 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CJ-502</td>
<td>Advanced Criminology</td>
<td>3</td>
</tr>
<tr>
<td>CJ-525</td>
<td>Applied Data Analysis in Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CJ-545</td>
<td>Seminar: Ethics, Law, and Society</td>
<td>3</td>
</tr>
<tr>
<td>CJ-572</td>
<td>Civil Rights and Liberties</td>
<td>3</td>
</tr>
<tr>
<td>CJ-662</td>
<td>Psychopathology of Crime and Terrorism</td>
<td>3</td>
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<tr>
<td>HLS-610</td>
<td>Foundations of Homeland Security</td>
<td>3</td>
</tr>
<tr>
<td>HLS-620</td>
<td>Terrorism: Causes and Consequences: The Unconventional</td>
<td>3</td>
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<tr>
<td>HLS-630</td>
<td>Homeland Security Intelligence</td>
<td>3</td>
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<td>HLS-640</td>
<td>Interdisciplinary Approach to Homeland Security</td>
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<td>HLS-650</td>
<td>Cyber Security</td>
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</tr>
<tr>
<td>CJ-CPE</td>
<td>Comprehensive Exam</td>
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</tbody>
</table>

**Total Credits:** 30

### M.A. in Criminal Justice - Non-Thesis Track

**Requirements (30 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CJ-502</td>
<td>Advanced Criminology</td>
<td>3</td>
</tr>
<tr>
<td>CJ-525</td>
<td>Applied Data Analysis in Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CJ-545</td>
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<td>Civil Rights and Liberties</td>
<td>3</td>
</tr>
<tr>
<td>CJ-662</td>
<td>Psychopathology of Crime and Terrorism</td>
<td>3</td>
</tr>
<tr>
<td>CJ-530</td>
<td>Criminal Justice Policy</td>
<td>3</td>
</tr>
<tr>
<td>CJ-535</td>
<td>Evaluation Strategies for Criminal Justice</td>
<td>3</td>
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<tr>
<td>CJ-542</td>
<td>Computer Application in Criminal Justice</td>
<td>3</td>
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<tr>
<td>CJ-550</td>
<td>Seminar: Police Administration</td>
<td>3</td>
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<tr>
<td>CJ-555</td>
<td>Criminal Procedure and the Constitution</td>
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<tr>
<td>CJ-560</td>
<td>Seminar: Leadership and Management</td>
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<tr>
<td>CJ-562</td>
<td>Graduate Criminal Justice Internship</td>
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<td>CJ-565</td>
<td>Comparative Criminal Justice Systems</td>
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<td>CJ-575</td>
<td>Professionalism in Criminal Justice</td>
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<tr>
<td>CJ-615</td>
<td>Terrorism: Crisis and Trauma</td>
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<td>CJ-625</td>
<td>Terroristic Crime Scene Investigation</td>
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<td>CJ-635</td>
<td>Weapons of Mass Destruction</td>
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<td>CJ-650</td>
<td>Cyberterrorism</td>
<td>3</td>
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<td>CJ-502</td>
<td>Advanced Criminology</td>
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<tr>
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<td>Foundations of Homeland Security</td>
<td>3</td>
</tr>
<tr>
<td>CJ-CPE</td>
<td>Comprehensive Exam</td>
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</table>

**Total Credits:** 30
M.A. in Criminal Justice - Thesis Track

Requirements (30 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
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<th>Credits</th>
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<tbody>
<tr>
<td>CJ-502</td>
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<td>3</td>
</tr>
<tr>
<td>CJ-525</td>
<td>Applied Data Analysis in Criminal Justice</td>
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</tr>
<tr>
<td>CJ-545</td>
<td>Seminar: Ethics, Law, and Society</td>
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<td>Civil Rights and Liberties</td>
<td>3</td>
</tr>
<tr>
<td>CJ-535</td>
<td>Evaluation Strategies for Criminal Justice</td>
<td>3</td>
</tr>
<tr>
<td>CJ-662</td>
<td>Psychopathology of Crime and Terrorism</td>
<td>3</td>
</tr>
</tbody>
</table>

Select two of the following: 6

- CJ-530 Criminal Justice Policy
- 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

M.S. in Homeland Security

Requirements (33 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>HLS-610</td>
<td>Foundations of Homeland Security</td>
<td>3</td>
</tr>
<tr>
<td>HLS-620</td>
<td>Terrorism: Causes and Consequences: The Unconventional Threat</td>
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<td>Homeland Security Intelligence</td>
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<td>HLS-650</td>
<td>Cyber Security</td>
<td>3</td>
</tr>
<tr>
<td>HLS-662</td>
<td>Psychopathology of Crime and Terrorism</td>
<td>3</td>
</tr>
<tr>
<td>HLS-665</td>
<td>Emergency Management for Homeland Security</td>
<td>3</td>
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<tr>
<td>HLS-675</td>
<td>Technology for Homeland Security</td>
<td>3</td>
</tr>
<tr>
<td>HLS-685</td>
<td>Strategic Plan for Homeland Security</td>
<td>3</td>
</tr>
<tr>
<td>HLS-695</td>
<td>Knowledge into Practice: Homeland Security Capstone Course</td>
<td>3</td>
</tr>
<tr>
<td>HLS-CPE</td>
<td>Homeland Security Comprehensive Examination</td>
<td>0</td>
</tr>
</tbody>
</table>

Total Credits 33

Master of Arts in English (MA)

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 a doctoral program at another institution, the courses at Monmouth provide a broad education in English literature, creative writing, and rhetoric, and a sound foundation for further graduate study. Secondary school teachers can fulfill their continuing education requirement and accrue credits toward salary increases by taking courses in the program. Those interested in personal enrichment or career advancement will find that the program requirements improve 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.

Programs

Masters

- M.A. in English: Literature Concentration (p. 66)
- M.A. in English: Creative Writing Concentration (p. 66)
- M.A. in English: Rhetoric and Writing Concentration (p. 66)

Faculty

Mary Kate Azcuy, Associate Professor (Graduate Faculty). BS, Monmouth University; MA, New York University; PhD, 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 English Graduate Program Director (Graduate Faculty).
Wayne D. McMurray-Helen Bennett Endowed Chair in the Humanities. BA, Wesleyan University; MA, PhD, 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). BA, University of Pennsylvania; PhD, 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, Assistant Professor (Graduate Faculty). MFA, Sarah Lawrence College. Specialty is creative nonfiction, with additional interests in fiction, poetry, contemporary American literature, and women’s studies. mfebos@monmouth.edu

English

Chair: Susan Goulding, Department of English
Courses

EN-ESS  English Master's Essay  Credits: None
Prerequisites: Completion of twenty-one credits and a minimum GPA of 3.00. Students may register for Master's Essay (EN-ESS) in a summer session if their Essay advisor is agreeable.
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: 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: All Terms
Course Type(s): EN.1, EN.LT
Intensive study of the major genres and authors of English literature from 1550-1660, the age of Spenser, Johnson and Milton. Lyric and epic poetry, drama, prose fiction, and the essay are represented.

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

EN-525  Eighteenth Century British Literature  Credits: 3
Term Offered: 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: All Terms
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: All Terms
Course Type(s): EN.3, EN.LT
Major literary texts from three broad areas of the non-Western world (African Diaspora, Asia, and the Middle East) will be critically examined, including literary trends, theories, and criticism. Selections will be drawn from poetry, fiction, non-fiction, and drama.

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

EN-535  The Novel in English  Credits: 3
Term Offered: All Terms
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: All Terms
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
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: All Terms
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: All Terms
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: All Terms
Course Type(s): EN.4, EN.RW
Examines important texts in the history of persuasion and argumentation. Covers the era when Rhetoric - the study and practice of persuasion and argumentation - was one of the fundamental disciplines (the "Trivium") that every educated person had to learn.

EN-547  Definitions of Contemporary Rhetoric  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: All Terms
Course Type(s): EN.4, EN.RW
Examination of how language-using agents (corporate, governmental, educational, journalistic, and scientific) outside the activities of a professional scientific community (and sometimes within it) rely on the dominance and force of scientific language and its symbol systems to influence the society we live in.

EN-550  Feminist Theory and Criticism  Credits: 3
Term Offered: All Terms
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
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-571 Modern American Literature Credits: 3
Term Offered: All Terms
Course Type(s): 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 Credits: 3
Term Offered: All Terms
Course Type(s): EN.LT
Investigates the role of women in literature as writers, readers and subjects. Includes theoretical consideration of gender. Topics vary by semester.

EN-598 Special Topics in English 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.

EN-599 Independent Study in English Credits: 3
Prerequisite: Prior permission of the directing professor and department chair.
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.

EN-607 Seminar in Creative Writing: Non-Fiction Credits: 3
Term Offered: All Terms
Course Type(s): EN.CW, EN.RW
Students will analyze, in a workshop setting, readings in creative nonfiction 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: All Terms
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: All Terms
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: All Terms
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
Prerequisites: Completion of 21 credits with a minimum GPA of 3.00 and a minimum of 6 credits in course type EN.
Term Offered: All Terms
Course Type(s): None
Completion of a single-genre manuscript under the direction of a first reader in consultation with a second reader, both of whom are full-time faculty members, and at least one of whom must be a Graduate Faculty member of the Monmouth University Department of English. 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. CW.
EN-691 English Thesis Development Credits: 3
Prerequisites: Completion of twelve credits and a minimum GPA of 3.00. 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.
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 in consultation with another full-time faculty member, at least one of whom must be a member of the Graduate Faculty in the Monmouth University Department of English. 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.

EN-692 English Thesis Writing Credits: 3
Prerequisites: Satisfactory completion of Thesis Development EN-691.
Term Offered: All Terms
Course Type(s): None
Completion of the writing of the thesis under the continuing direction of a thesis advisor. 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, at least one of whom must be a member of the Graduate Faculty in the Monmouth University Department of English. 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, completion of twenty-one credits, and a minimum GPA of 3.00. Students may not register for Thesis Writing EN-692 in a summer session.

M.A. in English: Creative Writing Concentration

Requirements (3 credits)
EN-502 Seminar in Literary Research 3

Literature Before 1800 (3 credits)
Select one course designated with the Course Type: EN.1 3

Literature After 1800 (3 credits)
Select one course designated with the Course Type: EN.2 3

World Literature (3 credits)
Select one course designated with the Course Type: EN.3 3

Creative Writing (18 credits)
Select five courses in Creative Writing designated with Course Type: EN.CW (may be repeated for credit) 15
EN-644 Manuscript Seminar 3

Total Credits 30

M.A. in English: Literature Concentration

Requirements (3 credits)
EN-502 Seminar in Literary Research 3

Literature Before 1800 (3 credits)
Select one course designated with the Course Type: EN.1 3

Literature After 1800 (3 credits)
Select one course designated with the Course Type: EN.2 3

World Literature (3 credits)
Select one course designated with the Course Type: EN.3 3

Language and Theory (3 credits)
Select one course designated with the Course Type: EN.4 3

Electives (9 credits)
Select three additional English courses at the 500+ level, two of which must be designated with the Course Type: EN.LT

Thesis or Capstone (6 credits)
EN-691 English Thesis Development 3
EN-692 English Thesis Writing 3
Or for Capstone, 500+ level English course with Course Type EN.LT
EN-ESS English Master’s Essay 0

Total Credits 30

M.A. in English: Rhetoric and Writing Concentration

Requirements (3 credits)
EN-502 Seminar in Literary Research 3

Literature Before 1800 (3 credits)
Select one course designated with the Course Type: EN.1 3

Literature After 1800 (3 credits)
Select one course designated with the Course Type: EN.2 3

World Literature (9 credits)
Select one course designated with the Course Type: EN.3 3
EN-546 Historical Persuasion and Argumentation 3
or EN-547 Definitions of Contemporary Rhetoric 3
EN-558 Teaching Composition 3

Rhetoric and Writing (6 credits)
Select two courses designated with Course Type: EN.RW 6

Thesis or Capstone (6 credits)
EN-691 English Thesis Development 3
EN-692 English Thesis Writing 3
Or for Capstone, 500+ level English course with course type EN.RW
EN-ESS English Master’s Essay 0

Total Credits 30

History
Chair: Richard Veit, Department of History and Anthropology
Master of Arts in History (MA)

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. 71)
- M.A. in History - Non-Thesis Track (p. 71)
- M.A. in History, European Specialization - Thesis Track (p. 71)
- M.A. in History, European Specialization - Non-Thesis Track (p. 71)
- M.A. in History, United States Specialization - Thesis Track (p. 72)
- M.A. in History, United States Specialization - Non-Thesis Track (p. 72)
- M.A. in History, World Specialization - Thesis Track (p. 72)
- M.A. in History, World Specialization - Non-Thesis Track (p. 72)

Faculty

Julius Adekunle, Professor (Graduate Faculty). BA, University of Ife, Nigeria; MA, University of Ibadan, Nigeria; PhD, Dalhousie University, Canada. Teaching fields include African history, Africa and its diaspora, and Western Civilization. Recent research on Nigerian history and society.

jadekunl@monmouth.edu

Kenneth Campbell, Professor (Graduate Faculty). BA, Virginia Commonwealth University; MA, PhD, University of Delaware. Teaching fields include English history, Medieval and early modern Europe, and history of witchcraft. Recent research on the English Reformation and religious nonconformity in sixteenth- and seventeenth-century England.

campbell@monmouth.edu

Christopher DeRosa, Associate Professor (Graduate Faculty). BA, Columbia University; PhD, Temple University. Fields include military history and American political history. Recent research concerns the political indoctrination of American soldiers.

cderosa@monmouth.edu

Brian Greenberg, Professor (Graduate Faculty). Jules L. Plangere, Jr. Endowed Chair in American Social History. BA, Hofstra University; MA, State University of New York at Albany; PhD, Princeton University. Primary fields are the history of American workers, American social history, and the history of public policy in America. Current research is on U.S. social history in the early twentieth century.

bgreenbe@monmouth.edu

Katherine Parkin, Associate Professor (Graduate Faculty). BA, Lake Forest College; PhD, Temple University. Major areas of interest include U.S. history and American women.

kparkin@monmouth.edu

Thomas Pearson, Professor (Graduate Faculty). BA, Santa Clara University; MA, PhD, 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). BA, University of South Carolina; MA, University of Arizona; PhD, Washington State University. Areas of teaching are Islam and the Middle East. Research focuses on the Balfour Declaration of 1917.

mrhett@monmouth.edu

Karen Schmelzkopf, Associate Professor (Graduate Faculty). BA, MA, Florida Atlantic University; PhD, 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

Richard F. Veit, Professor and Chair (Graduate Faculty). BA, Drew University; MA, College of William and Mary; PhD, University of Pennsylvania. Teaching areas include archaeology, historic preservation, North American Indians, and New Jersey history. Research interests include historical archaeology, industrial archaeology, and early American Material Culture. Author of Digging New Jersey’s Past: Historical Archaeology in the Garden State.

rveit@monmouth.edu

Courses

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<tr>
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<tr>
<td>History Comprehensive Exam. This is a pass/fail course.</td>
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<td>Course Type(s): None</td>
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<tr>
<td>Prerequisites: HS-691 and HS-692. This is a pass/fail course.</td>
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<tr>
<td>Course Type(s): None</td>
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<tr>
<td>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.</td>
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<th>Course</th>
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<td>HS-502</td>
<td>The Philosophy of History</td>
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<tr>
<td>Term Offered: All Terms</td>
<td></td>
</tr>
<tr>
<td>Course Type(s): None</td>
<td></td>
</tr>
<tr>
<td>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.</td>
<td></td>
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</table>
HS-503 Introduction to the Study of World History Credits: 3
Term Offered: All Terms
Course Type(s): HSNW, HSWLD
Introduces students to the growing field of World History, surveying the developments in the field since the nineteenth century. Examines key concepts and methods, and explores major themes and categories of analysis, including empire, nationalism, gender, and law. Required of all students in the World History specialization.

HS-504 Ancient Civilizations of Native America Credits: 3
Term Offered: All Terms
Course Type(s): HSNW
Cultural developments in Mesoamerica and the Central Andes from the development of agriculture to the Spanish conquest, focusing on Inca and Aztec civilizations; theoretical exploration of developmental similarities between the two regions. Also listed as AN-504.

HS-505 U.S. Women's History Credits: 3
Term Offered: All Terms
Course Type(s): HSUS
Explores U.S. Women's History and focuses on how women of different socioeconomic backgrounds, races, and ethnic groups have experienced cultural transformations and political change. Emphasis will be on the significance of citizenship, political agency, the cultural construction of race and gender, and reproductive rights.

HS-506 Historical Archeology Credits: 3
Term Offered: All Terms
Course Type(s): HSUS
An intensive introduction to historical and industrial archeology (c. 1492+). Topics covered include exploration, imperialism, colonization, industrialization and urbanism. Archeological 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: All Terms
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: All Terms
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: AllTerms
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
Course Type(s): HSUS
Examines the twentieth century evolution of liberalism and conservatism, 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-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 of the city and its role in the social, economic, and political transformation of the United States.

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

HS-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 PS-533.

HS-534  The German Empire, 1871-1914  Credits: 3
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-546  The Weimar Republic, 1918-1933  Credits: 3
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  Credits: 3
Term Offered: All Terms
Course Type(s): HSEU
The ideological origins of Nazism; the consolidation and character of Nazi rule; the relation of Hitler with the German people; Nazism as revolution.

HS-551  Graduate Seminar in British History  Credits: 3
Term Offered: All Terms
Course Type(s): HSEU
Selected topics in modern English and British history, with emphasis on techniques of historical research.

HS-553  Tudor-Stuart England  Credits: 3
Term Offered: All Terms
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-556  Twentieth Century Russia and the Soviet Union  Credits: 3
Term Offered: All Terms
Course Type(s): HSEU
Studies in the transformation of Russian society, with emphasis on the revolutionary movements and the economic, social, and political institutions of Soviet Russia.

HS-562  History of Maps and Mapping  Credits: 3
Term Offered: 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 as AN-562.

HS-563  Twentieth Century East Central Europe  Credits: 3
Term Offered: All Terms
Course Type(s): HSEU
The political, economic, and social development of the lands between Germany and Russia, emphasizing the breakdown of the Ottoman and Hapsburg empires, the rise of the independent successor states between the wars, the Soviet takeover in the post-war era, and the development of "national" communism and polycentrism.

HS-572  The History of Tourism  Credits: 3
Term Offered: All Terms
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  Civilization of the Andes  Credits: 3
Term Offered: All Terms
Course Type(s): HSEU, 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-575  The History of Tourism  Credits: 3
Term Offered: All Terms
Course Type(s): HSEU, HSNW, HSWLD
A study of selected topics in Chinese or Japanese history, with emphasis on techniques of historical research.

HS-581  Seminar in East Asian History  Credits: 3
Term Offered: All Terms
Course Type(s): HSEU, 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  Credits: 3
Term Offered: All Terms
Course Type(s): HSEU, HSNW
Examines a major episode that transformed the political history of Africa in the twentieth century. It discusses how nationalism became an instrument of political change that led to the independence of African states. Begins by examining the concept of nationalism in Europe, how it was applied in Africa, and how it contributed to the struggle for independence.

HS-588  Decolonization in Africa 1940-1960  Credits: 3
Term Offered: All Terms
Course Type(s): HSEU, HSNW
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: All Terms
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
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.

HS-690  History Master's Thesis  Credits: 3
Term Offered: All Terms
Reading and research leading to significant written work under the direction of a member of the History faculty.

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.

Requirements (12 credits)

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<td>Thesis (3 credits)</td>
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<tr>
<td>HS-690 History Master's Thesis</td>
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M.A. in History, European Specialization - Non-Thesis Track

Requirements (3 credits)

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<td>or HS-502</td>
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<td>European Specialization (27 credits)</td>
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<td>Select one U.S. History (HS) course designated with Course Type: HSUS</td>
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<td>Select one World or Non-Western course designated with Course Types: HSWLD or HSNW</td>
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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.

Requirements (3 credits)

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<td>or HS-502</td>
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<tr>
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The Wayne D. McMurray School of Humanities and Social Sciences

Select one U.S. History (HS) course designated with Course Type: HSUS 3
Select one World or Non-Western course designated with Course Types: HSWLD or HSNW 3

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

M.A. in History, United States Specialization - Non-Thesis Track

Requirements (3 credits)
HS-501 Historical Criticism 3
or HS-502 The Philosophy of History

United States Specialization (27 credits)
Select 5 History (HS) courses designated with Course Type: HSUS 15
Select one European History (HS) course designated with Course Type: HSEU 3
Select one World or Non-Western course designated with Course Types: HSWLD or HSNW 3
Select 6 credits of History (HS) coursework 6
HS-CPE History Comprehensive Exam 0
Total Credits 30

M.A. in History, United States Specialization - Thesis Track

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

Requirements (6 credits)
HS-501 Historical Criticism 3
or HS-502 The Philosophy of History
HS-503 Introduction to the Study of World History 3

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
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

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

Requirements (6 credits)
HS-501 Historical Criticism 3
or HS-502 The Philosophy of History
HS-503 Introduction to the Study of World History 3

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
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

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.

Requirements (6 credits)
HS-501 Historical Criticism 3
or HS-502 The Philosophy of History
HS-503 Introduction to the Study of World History 3

World History Specialization (18 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
Select 2 European History (HS) courses designated with Course Type: HSUS or HSEU 6
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

Political Science and Sociology

Chair: Kenneth Mitchell, Department of Political Science and Sociology
Public Policy Program Director: Stephen J. Chapman
Sociology Program Director: Johanna Foster

Master of Arts in Public Policy (MA)
The Master of Arts in Public Policy is a thirty-credit degree program that prepares students for careers in the field of policy analysis. Career opportunities in public policy span a wide range of areas in government, nonprofit agencies, and the public and private sectors. Ideal for graduates of all disciplines, the program enhances student skills in policy analysis, overall critical thinking, effective communication, data analysis, and survey research. The program gives special emphasis to public ethics, public opinion polling, the public policy process, and practicum opportunities in public agencies. It is also designed to accommodate the lifestyles of both career professionals and full-time graduate students. Some courses are offered in a hybrid model, combining in-class seminars with online instruction. The program is primarily part-time, with opportunity for full-time study as well.
Joint Degree Program

Dual Master’s Degrees in Social Work (MSW) and Public Policy (MA-PP)

The MSW program offers interested students an opportunity to earn a second master’s degree in Public Policy (MA), after all of the MSW requirements have been completed. Students who complete the sixty-credit MSW can use up to twelve credits from the MSW courses toward the MA in Public Policy. Students who complete the Advanced Standing (thirty-credit) MSW can use up to six credits of MSW courses toward the MA in Public Policy. Please refer to the chart located in the Social Work (catalog.monmouth.edu/graduate-catalog/wayne-d-mcmurray-humanities-social-science/political-science-sociology/graduate-catalog/social-work) section of this catalog for additional details.

Programs

Masters

- M.A. in Public Policy - Thesis Track (p. 76)
- M.A. in Public Policy - Non-Thesis Track (p. 76)

Faculty

Stephen J. Chapman, Assistant Professor and Public Policy Graduate Program Director (Graduate Faculty). BA, MA, East Stroudsburg University, MA, PhD, SUNY Binghamton. Dr. Chapman specializes in American politics. His research interests include representation strategies of elected officials, the impact of continued partisan control of state governments, and public opinion. Dr. Chapman also possesses a strong research methods background and regularly teaches the undergraduate- and graduate-level methods courses. schapman@monmouth.edu

Rekha Datta, Professor (Graduate Faculty). BA, MA, Presidency College, University of Calcutta, India; PhD, University of Connecticut. Specialization in political theory, international relations, comparative politics of South Asia, East Asia, the United Nations, and women and the world. Research interests focus on issues of gender and development, traditional and human security issues, and child labor. In 2003 Dr. Datta received the Distinguished Teacher of the Year Award, the highest recognition for teaching at Monmouth University. She served on the county board of the American Association for University Women as Vice President for Public Policy until 2013. Since 2013, she has served on the Board of Big Brothers Big Sisters of Monmouth and Middlesex Counties. Founder of Women and Girls’ Education (WAGE) International, a New Jersey-based 501 (c) (3) not-for-profit organization. Member of the Committee on Status of Representation and Diversity, International Studies Association. Author of: Beyond Realism: Human Security in India and Pakistan in the Twenty-First Century (2008, 2010); Why Alliances Endure: The United States-Pakistan Alliance, 1954-1971 (1994); co-editor, with Judith Kornberg, Women in Developing Countries: Assessing Strategies for Empowerment (2002). Advisor of Pi Sigma Alpha National Political Honor Society. Founder of the Institute for Global Understanding. rdatta@monmouth.edu

Kevin Dooley, Associate Professor (Graduate Faculty). BA, Monmouth University; MA, PhD, Rutgers University. Research interests focus on globalization, comparative public policy, the politics of language, and comparative European governments. In addition to a wide array of scholarly articles, he is the author/co-author of two books, Politics Still Matter: Globalization, Governance, and the Revival of Regional Minorities (2008) and Why Politics Matter: An Introduction to Political Science (2012). kdooley@monmouth.edu

Kathryn Kloby, Associate Professor (Graduate Faculty). Vice Provost for Transformative Learning. BA, Marywood College; MS, Montclair State University; PhD, 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). Associate Dean of the School of Humanities and Social Sciences. BA, Vassar College; MA, PhD, 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 (SSSSP). She also served as a volunteer in Mali, West Africa, for the Peace Corps from 1988-1990. In 2010, she received the Monmouth University Distinguished Teacher of the Year Award. nmezey@monmouth.edu

Kenneth Mitchell, Associate Professor and Chair (Graduate Faculty). BA, University of California; MS, London School of Economics; DPhi, 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); “Bringing 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. kmitchel@monmouth.edu

Saliba Sarsar, Professor (Graduate Faculty). BA, Monmouth University (Monmouth College);PhD, 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;
sarsar@monmouth.edu

Courses

PS-CPE Public Policy Comprehensive Exam Credits: None
Term Offered: All Terms
Course Type(s): None
Public Policy Comprehensive Exam, This is a pass/fail course. PS-515, PS-516, PS-518, and PS-691.

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, HS-522.

PS-524 Public Opinion and the Media Credits: 3
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.

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  Credits: 3
Term Offered: All Terms
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.

PS-563  Global Policies and Issues  Credits: 3
Term Offered: All Terms
Course Type(s): None
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.

PS-566  Comparative Public Policy  Credits: 3
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.

PS-583  The Causes of War  Credits: 3
Term Offered: All Terms
Course Type(s): None
A critical analysis of the general and recurring problems of war in human life; the course probes the direct and indirect causes of war by employing various analytical methods developed in political science as well as in sister disciplines of the social sciences.

PS-585  American Foreign Policy  Credits: 3
Term Offered: All Terms
Course Type(s): None
Examines, analyzes, and evaluates the many dimensions and issues of American foreign policy since 1945. It provides an interpretative framework within which the sources of American action abroad may be understood. Combines descriptive and explanatory material with empirical evidence and makes a serious effort to distinguish facts from inferences, hypotheses, and opinions. The post-Cold War and post-9/11 worlds are assessed, with a focus on American goals, capabilities, and relationships around the world.

PS-595  Political Science Practicum  Credits: 3
Term Offered: All Terms
Course Type(s): None
An opportunity to apply classroom theory in practice through actual work experience. Students have the opportunity to apply the theories and concepts of public policy to actual work settings.

PS-599  Portfolio  Credits: None
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 colloquiums and connected work.

PS-598  Special Topics/Special Projects  Credits: 3
Term Offered: All Terms
Course Type(s): None
Offered occasionally to match the interest of the students’ and the professor teaching the course. The instruction will follow classroom lectures and discussions on the topic. The exact nature of the topic covered in any given semester is indicated on the student's transcript. Permission of program director required.

PS-599  Readings and Research  Credits: 3
Term Offered: All Terms
Course Type(s): None
An independent research study based on relevant research and the writing of a substantial paper designed and executed by the student in consultation with a supervising professor. The subject matter should cover public policy and related areas.
The Wayne D. McMurray School of Humanities and Social Sciences

PS-618  Social Work Administration  Credits: 3
Term Offered: All Terms
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.

PS-692  Public Policy Master's Thesis  Credits: 3
Prerequisites: PS-515 and PS-516.
Term Offered: All Terms
Course Type(s): None
Students have the option of completing the comprehensive exam or thesis to satisfy the program requirements. With the thesis, students design and implement an original research project. The thesis involves writing the literature review, developing data collection instruments, data collection and presentation of results. Results are presented at a thesis defense organized by the program director.

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.

M.A. in Public Policy - Non-Thesis Track

Requirements (15 credits)

- PS-510  Policy Analysis  3
- PS-515  Public Policy Research Design  3
- PS-516  Research Methods  3
- PS-518  Theory, Policy, Ethics  3
- PS-595  Political Science Practicum  3
- PS-597  Portfolio  0

Electives (15 credits)

Select five of the following: 15
- PS-514  Public Opinion and Polling
- CO/PS-524  Public Opinion and Media
- CO/PS-525  Political Communication
- SW-617  Seminar on Emerging Challenges in International and Community Social Work
- SW/PS-618  Social Work Administration
- HS/PS-522  History Urbanization in America
- PS-553  Gender, Family, and Policy
- PS-530  Environmental Policy
- PS-563  Global Policies and Issues
- PS-566  Comparative Public Policy
- PS-585  American Foreign Policy
- PS-598  Special Topics/Special Projects
- PS-599  Readings and Research

Total Credits 30

M.A. in Public Policy - Thesis Track

Requirements (18 credits)

- PS-510  Policy Analysis  3
- PS-515  Public Policy Research Design  3
- PS-516  Research Methods  3
- PS-518  Theory, Policy, Ethics  3
- PS-595  Political Science Practicum  3
- PS-692  Public Policy Master’s Thesis  3
- PS-597  Portfolio  0

Electives (12 credits)

Select four of the following: 12
- PS-514  Public Opinion and Polling
- CO/PS-524  Public Opinion and Media
- CO/PS-525  Political Communication
- SW-617  Seminar on Emerging Challenges in International and Community Social Work
- SW/PS-618  Social Work Administration
- HS/PS-522  History Urbanization in America
- PS-553  Gender, Family, and Policy
- PS-530  Environmental Policy
- PS-563  Global Policies and Issues
- PS-566  Comparative Public Policy
- PS-585  American Foreign Policy
- PS-598  Special Topics/Special Projects
- PS-599  Readings and Research

Total Credits 30

Notes

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

Professional Counseling

Chair: Stephanie Hall, Department of Professional Counseling

Master of Arts in Addiction Studies (MA)

The Master of Arts in Addiction Studies is a thirty-credit program designed to prepare students to work with individuals, groups, couples, and families impacted by various types of substance use and addictive disorders. The program is accredited by the National Addiction Studies Accreditation Committee (NASAC). Graduates are prepared to work within a variety of addiction treatment programs and agencies and eventually to practice privately. The Addiction Studies Track was developed to meet the educational requirements for the Licensed Clinical Alcohol and Drug Counselor (LCADC), which is a New Jersey state license. It is the student’s responsibility to ensure acceptability by the licensing agency.
Students must complete PC-505 Mental Health Counseling (3 cr.) during their first term of study.

**Professional Counseling Certificate**

The Graduate Certificate in Professional Counseling is an eighteen-credit program designed for students who are completing or have completed a CACREP-accredited master’s degree in counseling and are in need of additional hours to complete the educational requirements of the Licensed Professional Counselor (LPC) licensure in New Jersey. Up to six credits may be waived if students have already completed PC-505 Mental Health Counseling (3 cr.) or EDC-505 Counseling and Ethical Practice (3 cr.) as well as PC-525 Counseling Theory and Techniques (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 (MS)**

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. 81)
- M.S. in Clinical Mental Health Counseling (p. 81)

**Certificate**

- Graduate Certificate in Professional Counseling (p. 82)

**Faculty**

David Burkholder, Associate Professor and Graduate Program Director (Graduate Faculty). BS, Geneva College; MED, Ohio University; PhD, 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). PhD, Kent State University. A licensed professional counselor in New Jersey, Dr. Reno Burkholder’s research interests focus on the ethical development and multicultural training of counselors. Clinically, she has specialized in the treatment of adolescent sexual behavior problems, trauma, and mood and anxiety disorders in children and adolescents.

jburkhol@monmouth.edu

Alan Cavaiola, Professor and Graduate Program Director (Graduate Faculty). BA, Monmouth University (Monmouth College); MA, Fairleigh Dickinson University; PhD, 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

George Kapalka, Professor (Graduate Faculty). BA, MA, Manhattan School of Music; MA, Kean University; MS, Clinical Psychopharmacology, PhD, Fairleigh Dickinson University. Specialization in the areas of mental health counseling, clinical and school issues with emphasis on child and adolescent counseling and assessment as well as learning disabilities and school consultation, and legal/forensic issues. Current research program is focused on the education, counseling, and management of youth with behavioral problems (such as children with ADHD) in school and at home, as well as researching the benefits of nutritional and herbal therapies.

gkapalka@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.

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**Courses**

PC-CPE Psychological Counseling Comprehensive Examination

**Credits:** None

Prerequisites: Successful completion of forty-eight credits, including PC-505, PC-506, PC-510, PC-512, PC-515, PC-525, PC-529, PC-550, PC-570, PC-595 and PC-603.

Corequisite: PC-680.

Term Offered: All Terms

Course Type(s): None

Comprehensive Examination in Professional Counseling. Limited to Psychological Counseling majors. This is a pass/fail course.
**PC-505  Mental Health Counseling**
Term Offered: All Terms  
Course Type(s): None  
An overview of the profession of counseling, its ethical standards, literature, professional organizations, and the knowledge, skills and abilities required for success in the field. Assists students in formulating a concept of the profession that will allow them to enhance their growth and professional identity as a counselor. In addition, the opportunity for students to become aware of counseling career opportunities in the region is provided. Must be taken during the first term of study in the MS in Mental Health Counseling and the MA in Psychological Counseling. Limited to Psychological Counseling majors.

**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 Psychological Counseling majors.

**PC-507  Counseling and Religion**
Term Offered: All Terms  
Course Type(s): None  
Counseling and Religion will explore the world religions with a focus on the religions as they function in the U.S. in a multi-cultural context. This will give the student a basic understanding and respect for religious differences when counseling clients who have different religious values than the counselor. A historical perspective on the relationship between psychology and religion will be traced to contemporary practice. The student will be given the opportunity to develop a theory of how he or she would like to integrate his or her knowledge into his or her work as a counselor. Limited to Psychological Counseling majors.

**PC-508  Theories of Learning, Behavior Change and Exceptionality**
Term Offered: All Terms  
Course Type(s): None  
An exploration of classical conditioning, operant conditioning, and major cognitive/behavioral theories. Major principles of learning will be reviewed as to their application to modern counseling techniques and behavior change. Additional focus on individuals on both ends of the spectrum of exceptionality- gifted and talented as well as those with cognitive disabilities.

**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 Psychological 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 Psychological Counseling majors.

**PC-514  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 Psychological Counseling majors.

**PC-517  Counseling and Sexuality**
Term Offered: All Terms  
Course Type(s): None  
An overview of sex expression 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-525 Counseling Theory and Techniques Credits: 3
Term Offered: All Terms
Course Type(s): None
Study of the prominent theories that underlie the techniques of counseling psychology. Emphasis will be on the specific techniques utilized in the context of a therapeutic relationship. Limited to Psychological Counseling majors.

PC-526 Case Conceptualization Credits: 3
Prerequisites: PC-505, PC-512, 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 Psychological Counseling majors.

PC-528 Family Counseling: Theory and Technique Credits: 3
Prerequisite: 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 Psychological 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 Psychological 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 Psychological Counseling majors.

PC-532 Counseling for Grief and Loss Credits: 3
Prerequisite: 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: 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 Psychological Counseling majors.

PC-534 Wellness and Counseling Credits: 3
Term Offered: All Terms
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. For Psychological Counseling students only.

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: 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
Prerequisites: 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 Psychological Counseling majors.

PC-545 Psychopharmacology Credits: 3
Prerequisite: PC-512.
Term Offered: All Terms
Course Type(s): None
An overview of basic psychopharmacology as it pertains to alcohol and mood-altering drugs (both licit and illicit). Information regarding drug action, interactions, adverse reactions, tolerance, dependency and withdrawal. Focus on biopsychosocial assessment and treatment. Limited to Psychological Counseling majors.
PC-546 Substance Awareness in the Schools
Prerequisite: PC-540.
Term Offered: All Terms
Course Type(s): None
A comprehensive study of the role of the Substance Awareness
Coordinator in the schools K-12. The areas that will be included for study
will be a review of research-based awareness and prevention programs
as related to Alcohol, Tobacco, and Other Drug (ATOD) as seen in the
school systems. School law, regulations, and policies, as it relates to
substance abuse in the schools, as well as how well/consistent it is
followed based on the school culture and the dynamics in a particular
district. Prevention and advocacy will be emphasized as a large part of
the SAC position, as well as learning to work within the school culture.
Curriculum planning and staff education and development in chemical
health will be an essential part of the course. Negotiating the systems to
maximize potential of the SAC position will be the main focus. Limited to
Psychological Counseling majors.

PC-549 Nutritional and Herbal Interventions in Counseling
Term Offered: All Terms
Course Type(s): None
An overview of nutritional and herbal interventions as relevant to
common psychological disorders, focusing specifically on those
approaches and compounds which have at least some scientific evidence
to support their use. Issues such as the pharmacology of action, desired
and adverse reactions, interactions with other treatments, and potential
for tolerance, dependency, and withdrawal are explored. Limited to
Psychological Counseling majors.

PC-550 Group Counseling
Prerequisites: PC-505 and PC-525.
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 Psychological Counseling majors.

PC-556 Career Counseling
Term Offered: All Terms
Course Type(s): None
The psychology of careers and career counseling is a cornerstone of the
counseling profession and forms the historical basis of the profession's
emphasis on normal development, decision-making, and assessment.
Career theories, life-span development, and assessment instruments
used in career counseling are reviewed. Recognizing the particular career
issues of minorities and women, attention will be afforded to such transcultural issues. Limited to Psychological Counseling majors.

PC-595 Psychological Counseling Practicum
Prerequisites: Successful completion with a grade of B or higher in
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 Psychological Counseling majors who
have completed at least twenty-four 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 Psychological Counseling
Term Offered: All Terms
Course Type(s): None
The subject matter varies with the interest of the students and the
professor teaching the course. The exact nature of the topic covered in
any given semester is indicated in the student's transcript. Limited to
Psychological Counseling majors only.

PC-599 Independent Study in Psychological Counseling
Prerequisites: Prior permission of the directing professor and department
chair.
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 Psychological Counseling
majors only.

PC-601 Understanding Statistics in Counseling Research
Course Type(s): None
An overview of common statistical methods used in counseling research.
Students will read articles that utilize common statistical procedures (t-
tests, ANOVA, correlation, etc.). Students will also learn to understand the
major differences between these techniques and the research questions
that these statistical techniques address. Limited to Psychological
Counseling majors.

PC-603 Research Methods in Counseling
Term Offered: All Terms
Course Type(s): None
Reviewing the literature, problem hypothesis research, naturalistic
observation, survey and interview procedures, and experimental methods
are discussed. Limited to Psychological Counseling majors.

PC-671 Advanced Practice With Children
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 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
Prerequisite: Prior permission of the C.
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. P.SW.PT. Program Coordinator.

PC-676  Play Therapy Practicum Seminar II  Credits: 3
Prerequisite: Prior permission of the C.
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. 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
Prerequisites: PC-540, PC-595, 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 Psychological Counseling majors who have completed at least thirty 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-691  Psychological Counseling Research Study  Credits: 3
Prerequisite: Permission of the sponsoring instructor and departmental approval.
Term Offered: All Terms
Course Type(s): None
Empirical research under the supervision of a sponsoring faculty member to data collection and significant written work. Limited to Psychological Counseling majors.

PC-692  Psychological Counseling Thesis  Credits: 3
Prerequisites: PC-601, completion of twenty-seven total credits within the program, permission of the sponsoring instructor, and departmental approval.
Term Offered: All Terms
Course Type(s): None
Independent investigation of special topics related to counseling, reflecting the research interests of the sponsoring professor. Provides students with an opportunity to do extended quantitative or qualitative research in collaboration with or under the supervision of a faculty member. Limited to Psychological Counseling majors.

M.A. in Addiction Studies

Requirements (33 credits)

PC-505  Mental Health Counseling  3
PC-510  Community Mental Health  3
PC-512  Psychopathology  3
PC-525  Counseling Theory and Techniques  3
PC-550  Group Counseling  3
PC-595  Psychological Counseling Practicum  3
PC-540  Introduction to Alcohol and Drug Abuse  3
PC-542  Treatment of Alcohol and Drug Abuse  3
PC-544  Advanced Alcohol and Drug Counseling  3
PC-545  Psychopharmacology  3
PC-546  Substance Awareness in the Schools  3

Total Credits 33

M.S. Clinical Mental Health Counseling

PC-505  Mental Health Counseling  3
PC-506  Testing and Assessment in Counseling  3
PC-510  Community Mental Health  3
<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>PC-512</td>
<td>Psychopathology</td>
<td>3</td>
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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-525</td>
<td>Counseling Theory and Techniques</td>
<td>3</td>
</tr>
<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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<td>PC-530</td>
<td>Crisis Intervention</td>
<td>3</td>
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<tr>
<td>PC-540</td>
<td>Introduction to Alcohol and Drug Abuse</td>
<td>3</td>
</tr>
<tr>
<td>PC-545</td>
<td>Psychopharmacology</td>
<td>3</td>
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<td>PC-550</td>
<td>Group Counseling</td>
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<td>PC-570</td>
<td>Career Counseling</td>
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<td>PC-595</td>
<td>Psychological Counseling Practicum</td>
<td>3</td>
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<tr>
<td>PC-603</td>
<td>Research Methods in Counseling</td>
<td>3</td>
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<td></td>
<td><strong>Clinical Internship</strong></td>
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<tr>
<td>PC-680</td>
<td>Clinical Internship in Professional</td>
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<td></td>
<td>Counseling</td>
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<td></td>
<td><strong>Clinical Internship course is taken twice</strong></td>
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<td><strong>Electives (9)</strong></td>
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<td>Select 9 credits from Psychological</td>
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<td>Counseling (PC) at the 500-600 level</td>
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<td>PC-CPE</td>
<td>Psychological Counseling Comprehensive</td>
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<td></td>
<td>Examination</td>
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<td><strong>Total Credits</strong></td>
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**Graduate Certificate Professional Counseling**

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<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>PC-505</td>
<td>Mental Health Counseling</td>
<td>3</td>
</tr>
<tr>
<td>or EDC-505</td>
<td>Counseling and Ethical Practice</td>
<td></td>
</tr>
<tr>
<td>PC-525</td>
<td>Counseling Theory and Techniques</td>
<td>3</td>
</tr>
<tr>
<td>or EDC-530</td>
<td>Counseling Theory and Practice</td>
<td></td>
</tr>
<tr>
<td>PC-512</td>
<td>Psychopathology</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td><strong>Select 9 Additional Credits from Psychological Counseling</strong></td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>500+ Level</td>
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</tr>
<tr>
<td></td>
<td><strong>Total Credits</strong></td>
<td>18</td>
</tr>
</tbody>
</table>

**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.
THE SCHOOL OF SCIENCE

Dean: Steven Bachrach, PhD
Associate Dean: Catherine N. Duckett, PhD
Assistant Dean: John A. Tiedemann, MS

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. 83),
- Information Systems (p. 83), and
- Software Engineering (p. 83).

Undergraduate Degree Programs
- Biology,
- Chemistry,
- Computer Science,
- Marine and Environmental Biology and Policy,
- Mathematics,
- Medical Laboratory Science,
- Clinical Laboratory Sciences,
- Software Engineering

Undergraduate Certificates
- Information Technology
- Networking Technologies and Applications

Minors
- Biology,
- Chemistry,
- Computer Science,
- Global Sustainability,
- Information Technology,
- Mathematics,
- Statistics,
- Physics

Concentrations
- Molecular Cell Physiology,
- Advanced Chemistry,
- Biochemistry,
- Chemical Physics,
- Medical Laboratory Science,
- Statistics

The undergraduate Bachelor of Science in Computer Science Advanced Computing Concentration 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, biochemistry, and chemical physics 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: Jamie Kretsch, Department of Computer Science and Software Engineering
UNIX Administrator and Teacher: Joseph Chung

Master of Science in Computer Science (MS)
The Master of Science in Computer Science provides a broad background in graduate-level computer science study. The thirty- to forty-five-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 Information 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 fifteen credits (CS-501B Program Development (3 cr.)-CS-509 Advanced Object-Oriented Programming and Design (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.

Graduate Certificate in Computer Science: Software Systems Design and Development
The Graduate Certificate Program in Computer Science: Software Systems Design and Development is specifically designed to provide essential software development skills, including computer programming, data structures, algorithms, and operating systems for graduates of
programs with minimal or no computer science training. Those students receiving the certificate will be:

- Knowledgeable of and competent in the use of object-oriented programming languages and techniques, including advanced features of Java and C++ and efficient code design;
- Knowledgeable of fundamental data structures and computing algorithms;
- Knowledgeable of operating system concepts, design, development, and applications;
- Able to design and develop computer programs of realistic and practical complexity, either as individuals or as part of a team.

The certificate program will generally be a three- to five-course sequence, depending on the prior programming skills of the applicant. A student can be admitted to the certificate program with "advanced standing," having been given credit for relevant experience or courses taken previously. However, a student must take at least three courses in the sequence at Monmouth in order to receive the certificate. If the applicant has some programming background, but insufficient or non-recent training with modern programming languages, he or she can be conditionally admitted and required to take a sixth course, CS-501A Computer Programming Essentials (3 cr.), as an alternative to delaying admission while the programming prerequisite is being met.

The certificate program is intended to serve primarily part-time students employed by area business, education, and government organizations. It may also be an opportunity for professional development, career change, or career enhancement in situations where computer programming is a valued skill. Upon completion of the program with a GPA of 3.00 or better, the student will receive a certificate and guaranteed admission to the Computer Science Graduate Program at Monmouth University. However, none of the certificate courses can be applied to the main ten-course master’s degree requirement.

**Master of Science in Information Systems (MSIS)**

The MSIS 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 MSIS prepares students for employment in the Information Technology (IT) sector at a management level. The program benefits are:

- Focus on the technology or management side of information systems by choosing one of two distinct tracks;
- Become an effective team member, including teams that are international and geographically distributed;
- Excel at project management and management and improve business decision-making;
- Learn how to reconcile conflicting project objectives;
- Be eligible to apply for positions such as business systems analyst, software project manager, software requirements developer, information technology operations manager, and customer support specialist.

The MSIS 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 (MS)**

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 and two graduate certificate programs: the Certificate in Software Development and the Certificate 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.

**Software Engineering Certificate Programs**

The certificate in Software Development, which includes fifteen credits of foundation courses plus a three-credit project course, prepares students to become proficient software developers. It also serves as a foundation for those who do not have the necessary background but hope to enter the master's degree program. It is the ideal starting point for those holding bachelor's degrees in disciplines other than software engineering or computer science who are interested in a career in software engineering or who hope to do software development in their chosen field.

The certificate in Software Engineering is an eighteen-credit program that prepares graduates to become effective members of a software development team. Students gain an understanding of team capability, dynamics, and performance. Requirements include the fifteen credits of core courses needed for the Master of Science in Software Engineering, as well as a course (three credits) in software project management. (Up to fifteen credits of foundation courses may also be required.) Upon completion of this program, students will have the ability to design software that solves practical problems, a critical skill for career success and advancement.

**Programs**

**Masters**

- M.S. in Computer Science, Thesis Track (p. 98)
- M.S. in Computer Science, Non-Thesis Track (p. 97)
- M.S. in Computer Science, Computer Networks, Thesis Track (p. 96)
- M.S. in Computer Science, Computer Networks, Non-Thesis Track (p. 95)
- M.S. in Computer Science, Databases and Intelligent Information Systems, Thesis Track (p. 96)
- M.S. in Computer Science, Databases and Intelligent Information Systems, Non-Thesis Track (p. 96)
- M.S. in Computer Science, Security of Information Systems and Networks, Thesis Track (p. 97)
- M.S. in Computer Science, Security of Information Systems and Networks, Non-Thesis Track (p. 97)
- MSIS in Information Systems, Management Track, Thesis Track (p. 100)
- MSIS in Information Systems, Management Track, Non-Thesis Track (p. 100)
- MSIS in Information Systems, Technology Track, Thesis Track (p. 101)
- MSIS in Information Systems, Technology Track, Non-Thesis Track (p. 101)
- M.S. in Software Engineering, Thesis Track (p. 99)
- M.S. in Software Engineering, Non-Thesis Track (p. 99)
- M.S. in Software Engineering, Advanced Thesis Track (p. 98)
- M.S. in Software Engineering, Advanced Non-Thesis Track (p. 98)

**Certificates**

- Software Systems Design and Development (p. 95)
- Software Development (p. 95)
- Software Engineering (p. 95)

**Faculty**

**Nafi Diallo**, Assistant Professor (Graduate Faculty). PhD, New Jersey Institute of Technology. Areas of interest are programming languages, software engineering, machine learning and secure systems, more specifically techniques for building secure and reliable systems.

ndiallo@monmouth.edu

**Daniela Rosca**, Associate Professor and Software Engineering Graduate Program Director (Graduate Faculty). MS, Polytechnic University of Bucharest; PhD, Old Dominion University. Interests include requirements elicitation, analysis and specification, and methodologies for the development and use of business rules.

drosca@monmouth.edu

**Richard Scherl**, Associate Professor (Graduate Faculty). BA, Columbia University; MA, University of Chicago; PhD, University of Illinois. Interests include artificial intelligence (especially knowledge representation, automated reasoning and natural language processing), cognitive science, and databases.

rscherl@monmouth.edu

**William M. Tepfenhart**, Professor (Graduate Faculty). BS, MS, PhD, University of Texas at Dallas. Interests include artificial intelligence, software architecture, and software design.

btepfenh@monmouth.edu

**Jiacun Wang**, Professor (Graduate Faculty). BS, Jiangsu University of Science and Technology; PhD, 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 and Computer Science Graduate Program Director (Graduate Faculty). BS, Nanjing University of Aeronautics and Astronautics; PhD, University of Singapore, Singapore. Interests include database management systems, spatial databases, and information storage and retrieval.

cyu@monmouth.edu
Courses

CS-501A  Computer Programming Essentials  Credits: 3
Course Type(s): TPS
An introduction in computer programming for newly admitted graduate students. Students will learn basic concepts in modern computer programming. Students will complete all the programming exercises and assignments in the modern object-oriented language.

CS-501B  Program Development  Credits: 3
Prerequisite: CS-501A, passed with a grade of B or higher.
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: 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: CS-503 passed with a grade of B- or higher.
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: CS-501B, passed with a grade of B- or higher.
Term Offered: All Terms
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
Prerequisite: Open only to those students accepted in the MS program in Computer Science.
Course Type(s): None
Preparation, analysis, synthesis, and presentation of system documentation, technical papers, and data flow diagrams; literature search.

CS-512  Algorithm Design  Credits: 3
Prerequisites: CS-502 and CS-503, both passed with a grade of B- or higher.
Term Offered: All Terms
Course Type(s): None
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
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 MIS-514.

CS-515  Formal Methods  Credits: 3
Prerequisite: CS-509, passed with a grade of B- or higher.
Term Offered: All Terms
Course Type(s): None
The use of formal specifications to describe the behavior of computer systems and the use of formal proof methods to verify design.

CS-517  Database Design and Management  Credits: 3
Prerequisite: 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 MIS-517.

CS-518  Fundamentals of Computer Security and Cryptography  Credits: 3
Prerequisite: CS-514 or MIS-514 passed with a grade of B- or higher.
Term Offered: All Terms
Course Type(s): None
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-519  Advanced Operating Systems  Credits: 3
Prerequisites: CS-505 and CS-509, both passed with a grade of B- or higher.
Term Offered: All Terms
Course Type(s): None
Advanced operating systems with a number of case studies. Emphasis is placed on issues in both centralized and distributed operating systems (concurrency control, resource management, file systems, network interface). Flavored with UNIX; some prior knowledge of C will be an asset, but is not necessary.
CS-520 Introduction to Intelligent Systems Credits: 3
Prerequisites: CS-502 and CS-503, both passed with a grade of B- or higher.
Course Type(s): None
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
Prerequisites: CS-503 and CS-520, both passed with a grade of B- or higher.
Course Type(s): None
Basic and advanced methods in symbolic and quantitative artificial intelligence through Lisp programming techniques. Current issues concerning rule-based vs. statistical methods via applications.

CS-522 Knowledge Fusion Credits: 3
Prerequisites: CS-517 and CS-520, both passed with a grade of B- or higher.
Term Offered: All Terms
Course Type(s): None
Fundamental techniques for integrating information from heterogeneous sources to obtain actionable knowledge. The sources of information include databases, files, and Web pages. Covered techniques include both those based upon logic and also approaches based on probabilistic reasoning.

CS-523 Networked Information Systems Credits: 3
Prerequisites: CS-505 and CS-517, both passed with a grade of B- or higher.
Course Type(s): None
Basic principles, techniques, and tools for building networked information systems with a significant database component. Current protocols, languages, and data formats.

CS-525 Simulation Credits: 3
Prerequisites: CS-502, CS-503, and CS-514, all passed with a grade of B- or higher.
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-526 Performance Evaluation Credits: 3
Prerequisites: CS-501B, CS-502, and CS-514, all passed with a grade of B- or higher.
Term Offered: All Terms
Course Type(s): None
The role of performance evaluation in the product lifecycle. Introduction to Markov chains and elementary queuing theory; complementary roles of analytic and simulation methods and applications to performance evaluation of computer and communication systems.

CS-528 Database and Transactions Security Credits: 3
Prerequisites: CS-517 and CS-518, both passed with a grade of B- or higher.
Term Offered: All Terms
Course Type(s): None
An overview of the methodologies to protect data. It covers both traditional and emerging security mechanisms and services, as well as the common threats and vulnerabilities of database and transaction processing systems. The topics include: discretionary and mandatory access controls in database systems, secure database design, data integrity, secure transaction processing, inference controls, and auditing. Also covers security models for relational and object-oriented databases, and security of databases in a distributed environment. Both theoretical and practical issues will be addressed in the course.

CS-529 Web Services and .NET Credits: 3
Prerequisite: CS-503 passed with a grade of B- or higher.
Term Offered: All Terms
Course Type(s): None
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-530 Knowledge-Based Systems Credits: 3
Prerequisites: CS-502 and CS-509, both passed with a grade of B- or higher.
Course Type(s): None
Fundamental techniques in building knowledge-based systems using logic programming technology; applications of knowledge-based systems; Prolog programming techniques; using advanced Prolog programming environments.

CS-531 Intelligent Interfaces Credits: 3
Prerequisites: CS-503 and CS-520, both passed with a grade of B- or higher.
Course Type(s): None
Computer-human interfaces that use speech understanding and image processing (such as handwriting).

CS-532 Compiler Design Credits: 3
Prerequisite: CS-512, passed with a grade of B- or higher.
Term Offered: All Terms
Course Type(s): None
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
Prerequisites: CS-502 and CS-503, both passed with a grade of B- or higher.
Term Offered: All Terms
Course Type(s): None
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
Prerequisites: CS-502, CS-505, and CS-514, all passed with a grade of B- or higher.
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-537 Client-Server Interfaces Credits: 3
Prerequisites: CS-505, CS-509, and CS-514, all passed with a grade of B- or higher.
Course Type(s): None
Design of client-server systems. This is a project-dominated course. Students from the AI stream will design and implement a distributed client-server system for some AI application, while students from the COMPUTER NETWORKS stream will be more involved in Transport layer issues. Coverage of the higher layers of the network hierarchy: Transport layer, Session layer, and Application layer. Programming with TCP and UDP.

CS-540 Model Building and Algorithms Credits: 3
Prerequisites: CS-502, CS-503, and CS-514, all passed with a grade of B- or higher.
Term Offered: All Terms
Course Type(s): None
Solving real-world problems requires skills in model-building, model-selection, and the application of appropriate algorithms. The applicable field of knowledge is basically Operations Research (OR). We discuss optimization (linear/integer programming, branch and bound, game theory), network and queueing models, and algorithms that may be applied in the solution of many practical problems arising, for example, in business, government, and private settings.

CS-545 Graphics Credits: 3
Prerequisite: CS-509 passed with a grade of B- or higher.
Course Type(s): None
Drawing with a graphics kernel, 2D and 3D transformations, view transformation, area filling, line and polygon clipping, hidden surface algorithms, curves and surfaces, Gouraud and Phong shading, pattern and texture mapping, fractals, and rendering using a ray-tracer.

CS-550 Computer System Architecture Credits: 3
Prerequisites: 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-551 Parallel Processing Credits: 3
Prerequisite: CS-550, passed with a grade of B- or higher.
Term Offered: All Terms
Course Type(s): None
Parallel computer paradigms, parallel processing application, conditions of parallelism, scalable computer platforms, parallelism issues, performance metrics and benchmarking, speedup performance laws for parallel systems, parallel memory organization, interconnection networks, multiprocessing and multiprocessors, multicomputers, massively parallel systems, mapping applications to parallel systems, and case studies.

CS-556 Master's Seminar Credits: 3
Prerequisite: Completion of twenty-one credits toward the MS degree, including four core courses, or permission of the instructor.
Course Type(s): None
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
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.

CS-598 Special Topics in Computer Science Credits: 3
Prerequisites: CS-502 and CS-503, both passed with a grade of B- or higher.
Term Offered: All Terms
Course Type(s): None
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-618 Data Mining Credits: 3
Prerequisites: CS-517 and CS-520, both passed with a grade of B- or higher.
Term Offered: All Terms
Course Type(s): None
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: CS-529, passed with a grade of B- or higher.
Term Offered: All Terms
Course Type(s): None
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-627 Quantitative Systems Engineering Credits: 3
Prerequisite: Computer Science 526, passed with a grade of "B-" or higher.
Term Offered: All Terms
Course Type(s): None
Development of methods and techniques for analyzing the performance of complex systems. Application to the performance engineering of computer/communications systems, including distributed computing/information systems and integrated telecommunications.
CS-628 Security of E-Systems and Networks Credits: 3
Prerequisite: CS-518, passed with a grade of B- or higher.
Term Offered: All Terms
Course Type(s): None
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: CS-514, passed with a grade of B- or higher.
Term Offered: All Terms
Course Type(s): None
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
Prerequisites: Completion of all foundation and core courses and departmental approval.
Term Offered: All Terms
Course Type(s): None
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
Prerequisites: Completion of all foundation and core courses and departmental approval.
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-692 Computer Science Thesis II Credits: 3
Prerequisite: 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: CS-503, passed with a grade of B or higher or as announced in the course schedule.
Term Offered: All Terms
Course Type(s): None
The advanced subject matter varies with the interest of the students and 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): None
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.) Prerequisites: A minimum GPA of 3.5; completion of all foundation and core courses and departmental approval.

IT-500 Information Technology Credits: 3
Term Offered: All Terms
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: IT-500.
Term Offered: All Terms
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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Term Offered</th>
<th>Prerequisites</th>
</tr>
</thead>
<tbody>
<tr>
<td>MIS-514</td>
<td>Networks</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
</tr>
<tr>
<td>MIS-517</td>
<td>Database Design and Management</td>
<td>3</td>
<td>All Terms</td>
<td>Prerequisite: CS-503, passed with a grade of B or higher.</td>
</tr>
<tr>
<td>MIS-525</td>
<td>Information System Architecture</td>
<td>3</td>
<td>All Terms</td>
<td>Prerequisite: MIS-565 or SE-565.</td>
</tr>
<tr>
<td>MIS-550</td>
<td>Software Project Management</td>
<td>3</td>
<td>All Terms</td>
<td>Prerequisite: SE-504.</td>
</tr>
<tr>
<td>MIS-551</td>
<td>Software Organization Management</td>
<td>3</td>
<td>All Terms</td>
<td>Prerequisite: SE-504.</td>
</tr>
<tr>
<td>MIS-555</td>
<td>Software System Requirement</td>
<td>3</td>
<td>All Terms</td>
<td>Prerequisites: CS-501A and SE-504.</td>
</tr>
<tr>
<td>MIS-575</td>
<td>Software Verification, Validation and Maintenance</td>
<td>3</td>
<td>All Terms</td>
<td>Prerequisites: CS-501A and SE-504.</td>
</tr>
<tr>
<td>MIS-588</td>
<td>Information Systems Practice and Experience</td>
<td>1</td>
<td>All Terms</td>
<td>None</td>
</tr>
</tbody>
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The MIS-514 Networks course is 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.

The MIS-517 Database Design and Management course requires students to have completed CS-503 with a grade of B or higher. It covers 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.

The MIS-525 Information System Architecture course requires students to have completed MIS-565 or SE-565. It 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.


The MIS-551 Software Organization Management course requires students to have completed SE-504. It covers 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.

The MIS-555 Software System Requirement course requires students to have completed CS-501A and SE-504. It covers 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.

The MIS-575 Software Verification, Validation and Maintenance course requires students to have completed CS-501A and SE-504. It 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.

The MIS-588 Information Systems Practice and Experience course provides an 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 GPA 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.

The MIS-623 Management Information Systems course provides an opportunity to survey 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.

The MIS-691 Management Information System Thesis I course requires students to have completed MIS-514 and MIS-575 or BM-565 and MIS-550 and MIS-551. It covers 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: MIS-691.
Term Offered: All Terms
Course Type(s): None
Second semester of independent research in management information systems, spanning a period of two consecutive semesters in an area not substantially covered in a regular course offering, under the supervision of a software engineering faculty member. A formal thesis is required. An oral defense of the thesis before a committee of two faculty members who teach MIS courses, plus the advising professor is required. Depending on the topic, a reviewer from outside the program faculty may be asked to serve as a committee member. For MSIS students only.

MIS-695A  Management Information System Practicum I  Credits: 3
Prerequisites: BM-520 or BM-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: 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.

SE-504  Principles of Software Engineering  Credits: 3
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 methods. Limited to Software Engineering students.

SE-510  Object-Oriented Analysis and Design  Credits: 3
Prerequisite: SE-504.
Term Offered: All Terms
Course Type(s): None
Students will learn how to develop the requirements, analysis model, and design for a software application. Uses object-oriented methodologies. This is not a programming course.

SE-515  Disciplined Software Development  Credits: 3
Prerequisite: SE-504.
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-555  Object-Oriented Analysis and Design  Credits: 3
Prerequisites: CS-501A and SE-504.
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-555  Software System Requirements  Credits: 3
Prerequisites: CS-501A and SE-504.
Term Offered: All Terms
Course Type(s): None
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-570  Software Systems Design  Credits: 3
Prerequisites: CS-501A and SE-510.
Term Offered: All Terms
Course Type(s): None
Students will learn how to design large software systems based on current practices. Covers basic system design concepts and design patterns, including agent-oriented software architectures, and service-oriented architectures. The application of these architectures to enterprise and global architectural levels will be covered as well.

SE-575  Software Verification, Validation and Maintenance  Credits: 3
Prerequisites: CS-501A and SE-504.
Term Offered: All Terms
Course Type(s): None
Covers software verification, validation and maintenance. The first half of the course includes inspections of requirements, design and code as well as testing. The second half addresses the handling of change requests, software evolution, code comprehension, and change management. It will include hands-on experience with a change management system and an automated testing tool.

SE-580  The Process of Engineering Software  Credits: 3
Prerequisites: CS-503 and SE-504.
Term Offered: All Terms
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  
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 GPA of 3.00. Does not satisfy elective requirements. Students may take this course a maximum of two times. This is a pass/fail course.

SE-601 Outsourcing: Specifications and Strategies  
Credits: 3  
Term Offered: All Terms  
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  
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  
Term Offered: All Terms  
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  
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  
Prerequisites: SE-565 and SE-570.  
Term Offered: All Terms  
Course Type(s): None  
Threats, vulnerabilities, and attacks to network-based systems, Heuristic procedures for breaking systems. UNIX and Internet case studies. Security modeling techniques including Bell-Lapadula, Biba, and Clark-Wilson. Composition of non-deducibility and noninterference security. Safeguard techniques including cryptographic protocols, online auditing and intrusion detection, access control, Internet firewalls, authentication, security kernel design, and trusted software development. Case studies in database security and secure network design.

SE-611 Secure Web Services Design  
Credits: 3  
Prerequisite: SE-565.  
Term Offered: All Terms  
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.

SE-615 Usability Engineering/Human-Computer Interaction  
Credits: 3  
Prerequisite: SE-565.  
Term Offered: All Terms  
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: CS-501B.  
Term Offered: All Terms  
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  
Credits: 3  
Prerequisites: SE-565 and SE-570.  
Term Offered: All Terms  
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  
Credits: 3  
Prerequisite: SE-620.  
Term Offered: All Terms  
Course Type(s): None  
<table>
<thead>
<tr>
<th>Course Code</th>
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<td>SE-623</td>
<td>Management Information Systems</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
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<td>Term Offered: All Terms</td>
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<td>Course Type(s): None</td>
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<td></td>
<td>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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<tr>
<td>SE-625</td>
<td>Information Systems Architecture</td>
<td>3</td>
<td>All Terms</td>
<td>SE-625 or MIS-565</td>
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<tr>
<td></td>
<td>Term Offered: All Terms</td>
<td></td>
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<td>Course Type(s): None</td>
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<tr>
<td>SE-626</td>
<td>Information Systems Engineering</td>
<td>3</td>
<td>All Terms</td>
<td>SE-625</td>
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<td>Term Offered: All Terms</td>
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<td></td>
<td>Course Type(s): None</td>
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<tr>
<td></td>
<td>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.</td>
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<tr>
<td>SE-630</td>
<td>Real Time Software Analysis and Specification</td>
<td>3</td>
<td>All Terms</td>
<td>SE-565 and SE-570</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>SE-631</td>
<td>Real-Time Software Design and Implementation</td>
<td>3</td>
<td>All Terms</td>
<td>SE-630</td>
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<td>Term Offered: All Terms</td>
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<td></td>
<td>Course Type(s): None</td>
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<tr>
<td></td>
<td>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.</td>
<td></td>
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<tr>
<td>SE-650</td>
<td>Software Project Management</td>
<td>3</td>
<td>All Terms</td>
<td>SE-504</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>SE-651</td>
<td>Software Organization Management</td>
<td>3</td>
<td>All Terms</td>
<td>SE-504</td>
</tr>
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<td>Term Offered: All Terms</td>
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<tr>
<td></td>
<td>Course Type(s): None</td>
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<tr>
<td>SE-652</td>
<td>Software Quality Management</td>
<td>3</td>
<td>All Terms</td>
<td>SE-565 and SE-570</td>
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<tr>
<td></td>
<td>Term Offered: All Terms</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Course Type(s): None</td>
<td></td>
<td></td>
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<tr>
<td></td>
<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>
<td></td>
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</tbody>
</table>
SE-660  Computer System Architecture  Credits: 3
Prerequisite: 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
Prerequisites: SE-565, SE-570, SE-580, 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. An oral defense of the thesis before a committee of two faculty members, plus the advising professor is required. Depending on the topic, a reviewer from outside the software engineering department may be asked to serve as a committee member.
Limited to Software Engineering majors.

SE-692  Software Engineering Thesis Research  Credits: 3
Prerequisites: 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. An oral defense of the thesis before a committee of two faculty members, plus the advising professor is required. Depending on the topic, a reviewer from outside the software engineering department may be asked to serve as a committee member.
Limited to Software Engineering majors.

SE-695A  Software Engineering Practicum  Credits: 3
Prerequisites: SE-565, SE-570, 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.
Certificate in Software Engineering

Requirements (18 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CS-502</td>
<td>Theoretical Foundations of Computer Science</td>
<td>3</td>
</tr>
<tr>
<td>SE-565</td>
<td>Software System Requirements</td>
<td>3</td>
</tr>
<tr>
<td>SE-570</td>
<td>Software Systems Design</td>
<td>3</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>SE-650</td>
<td>Software Project Management</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 18

Certificate in Software Systems Design and Development

Requirements (18 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CS-501A</td>
<td>Computer Programming Essentials</td>
<td>3</td>
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<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-509</td>
<td>Advanced Object-Oriented Programming and Design</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 18

M.S. in Computer Science, Computer Networks, Non-Thesis Track

Foundation Requirements (15 credits)

<table>
<thead>
<tr>
<th>Course</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-509</td>
<td>Advanced Object-Oriented Programming and Design</td>
<td>3</td>
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</table>

Program Requirement (30 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>CS-512</td>
<td>Algorithm Design</td>
<td>3</td>
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<tr>
<td>CS-514</td>
<td>Networks</td>
<td>3</td>
</tr>
<tr>
<td>CS-517</td>
<td>Database Design and Management</td>
<td>3</td>
</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>
<td>3</td>
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Select one of the following: 3

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<tr>
<th>Course</th>
<th>Title</th>
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<tr>
<td>CS-526</td>
<td>Performance Evaluation</td>
<td>3</td>
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<tr>
<td>CS-528</td>
<td>Database and Transactions Security</td>
<td>3</td>
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<tr>
<td>CS-533</td>
<td>Database System Implementation</td>
<td>3</td>
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<tr>
<td>CS-535</td>
<td>Telecommunications</td>
<td>3</td>
</tr>
<tr>
<td>CS-537</td>
<td>Client-Server Interfaces</td>
<td>3</td>
</tr>
<tr>
<td>CS-550</td>
<td>Computer System Architecture</td>
<td>3</td>
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</tbody>
</table>
The School of Science

CS-551 Parallel Processing
CS-628 Security of E-Systems and Networks
Select 6 credits from CS-511 or higher with at least 3 credits at the 600 level

Total Credits 45

1 Up to 15 credits may be waived upon evaluation or prior academic preparation

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

Foundation Requirements (15 credits) 1
CS-501B Program Development 3
CS-502 Theoretical Foundations of Computer Science 3
CS-503 Data Structures and Algorithms 3
CS-505 Operating Systems Concepts 3
CS-509 Advanced Object-Oriented Programming and Design 3

Program Requirement (30 credits)
CS-512 Algorithm Design 3
CS-514 Networks 3
CS-517 Database Design and Management 3
CS-520 Introduction to Intelligent Systems 3
CS-533 Database System Implementation 3
Select two of the following: 6
CS-521 Artificial Intelligence
CS-522 Knowledge Fusion
CS-523 Networked Information Systems
CS-529 Web Services and .NET
CS-530 Knowledge-Based Systems
CS-531 Intelligent Interfaces
CS-618 Data Mining
CS-625 Internet Crawler
Select 6 credits from CS-511 or higher 6
Select 3 credits from 600+ level 3
Total Credits 45

1 Up to 15 credits may be waived upon evaluation or prior academic preparation

M.S. in Computer Science, Databases and Intelligent Information Systems, Thesis Track

Foundation Requirements (15 credits) 1
CS-501B Program Development 3
CS-502 Theoretical Foundations of Computer Science 3
CS-503 Data Structures and Algorithms 3
CS-505 Operating Systems Concepts 3
CS-509 Advanced Object-Oriented Programming and Design 3

Program Requirement (30 credits)
CS-512 Algorithm Design 3
CS-514 Networks 3
CS-517 Database Design and Management 3
CS-520 Introduction to Intelligent Systems 3
Select two of the following: 6
CS-521 Artificial Intelligence
CS-523 Networked Information Systems
CS-529 Web Services and .NET
CS-530 Knowledge-Based Systems
CS-531 Intelligent Interfaces
CS-618 Data Mining
CS-625 Internet Crawler
Select 6 credits from CS-511 or higher 6
Select 3 credits from 600+ level 3
Total Credits 45

1 Up to 15 credits may be waived upon evaluation or prior academic preparation

M.S. in Computer Science, Databases and Intelligent Information Systems, Non-Thesis Track

Foundation Requirements (15 credits) 1
CS-501B Program Development 3
CS-502 Theoretical Foundations of Computer Science 3

Program Requirement (30 credits)
CS-512 Algorithm Design 3
CS-514 Networks 3
CS-517 Database Design and Management 3
CS-520 Introduction to Intelligent Systems 3
Select two of the following: 6
CS-521 Artificial Intelligence
CS-523 Networked Information Systems
CS-529 Web Services and .NET
CS-530 Knowledge-Based Systems
CS-531 Intelligent Interfaces
CS-618 Data Mining
CS-625 Internet Crawler
Select 6 credits from CS-511 or higher 6
M.S. in Computer Science, Non-Thesis Track

Foundation Requirements (15 credits) 1
CS-501B Program Development 3
CS-502 Theoretical Foundations of Computer Science 3
CS-503 Data Structures and Algorithms 3
CS-505 Operating Systems Concepts 3
CS-509 Advanced Object-Oriented Programming and Design 3

Program Requirements (30 credits)
CS-512 Algorithm Design 3
CS-514 Networks 3
CS-517 Database Design and Management 3
CS-520 Introduction to Intelligent Systems 3
Select 12 credits from CS-511 or higher 12
Select 6 credits from 600+ level Computer Science (CS) courses 6

Total Credits 45

1 Up to 15 credits may be waived upon evaluation or prior academic preparation

M.S. in Computer Science, Security of Information Systems and Networks, Non-Thesis Track

Foundation Requirements (15 credits) 1
CS-501B Program Development 3
CS-502 Theoretical Foundations of Computer Science 3
CS-503 Data Structures and Algorithms 3
CS-505 Operating Systems Concepts 3
CS-509 Advanced Object-Oriented Programming and Design 3

Program Requirement (30 credits)
CS-512 Algorithm Design 3
CS-514 Networks 3
CS-517 Database Design and Management 3
CS-518 Fundamentals of Computer Security and Cryptography 3
Select one of the following: 3
CS-525 Simulation
CS-526 Performance Evaluation
CS-528 Database and Transactions Security
CS-533 Database System Implementation
CS-535 Telecommunications
CS-537 Client-Server Interfaces
CS-550 Computer System Architecture
CS-551 Parallel Processing
CS-635 Wireless Network Systems and Security
Select 3 credits from CS-511 or higher 3
CS-691 Computer Science Thesis I 3
CS-692 Computer Science Thesis II 3

Total Credits 45

1 Up to 15 credits may be waived upon evaluation or prior academic preparation

M.S. in Computer Science, Thesis Track

Foundation Requirements (15 credits) 1
CS-501B Program Development 3
CS-502 Theoretical Foundations of Computer Science 3
CS-503 Data Structures and Algorithms 3
CS-505 Operating Systems Concepts 3
CS-509 Advanced Object-Oriented Programming and Design 3

Program Requirement (30 credits)
CS-512 Algorithm Design 3
CS-514 Networks 3
CS-517 Database Design and Management 3
CS-518 Fundamentals of Computer Security and Cryptography 3
CS-520 Introduction to Intelligent Systems 3
CS-628 Security of E-Systems and Networks 3
Select one of the following: 3
CS-525 Simulation
CS-526 Performance Evaluation
CS-528 Database and Transactions Security
CS-533 Database System Implementation
CS-535 Telecommunications
CS-537 Client-Server Interfaces
CS-550 Computer System Architecture
CS-551 Parallel Processing
CS-635 Wireless Network Systems and Security
Select 3 credits from CS-511 or higher 3
CS-691 Computer Science Thesis I 3
CS-692 Computer Science Thesis II 3

Total Credits 45

1 Up to 15 credits may be waived upon evaluation or prior academic preparation
M.S. in Computer Science, Thesis Track

Foundation Requirements (15 credits) 1

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Program Requirements (30 credits)

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<td>CS-517</td>
<td>Database Design and Management</td>
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<tr>
<td>CS-520</td>
<td>Introduction to Intelligent Systems</td>
<td>3</td>
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<tr>
<td></td>
<td>Select 12 credits from CS-511 or higher</td>
<td>12</td>
</tr>
<tr>
<td>CS-691</td>
<td>Computer Science Thesis I</td>
<td>3</td>
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<tr>
<td>CS-692</td>
<td>Computer Science Thesis II</td>
<td>3</td>
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</table>

Total Credits 45

1 Up to 15 credits may be waived upon evaluation or prior academic preparation

M.S. in Software Engineering, Advanced Non-Thesis Track

Requirements (27 credits)

Core Courses

<table>
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<th>Course</th>
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<tr>
<td>SE-565</td>
<td>Software System Requirements</td>
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<tr>
<td>SE-570</td>
<td>Software Systems Design</td>
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</tr>
<tr>
<td>SE-580</td>
<td>The Process of Engineering Software</td>
<td>3</td>
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</table>

Guided Electives

Select THREE SETS of guided electives from the following: 18

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SE-601</td>
<td>Outsourcing: Specifications and Strategies and Technology Assessment</td>
<td></td>
</tr>
<tr>
<td>SE-610</td>
<td>Software Systems Security and Secure Web Services Design</td>
<td></td>
</tr>
<tr>
<td>SE-620</td>
<td>Networked Software Systems I and Networked Software Systems II</td>
<td></td>
</tr>
<tr>
<td>SE-625</td>
<td>Information Systems Architecture and Information Systems Engineering</td>
<td></td>
</tr>
<tr>
<td>SE-630</td>
<td>Real Time Software Analysis and Specification and Real-Time Software Design and Implementation</td>
<td></td>
</tr>
<tr>
<td>SE-650</td>
<td>Software Project Management and Software Organization Management</td>
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Electives (3 credits)

Select one of the following: 3

<table>
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<tr>
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<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SE-601</td>
<td>Outsourcing: Specifications and Strategies</td>
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<tr>
<td>SE-602</td>
<td>Technology Assessment</td>
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<tr>
<td>SE-603</td>
<td>MOST Implementation</td>
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M.S. in Software Engineering, Advanced Thesis Track

Requirements (21 credits)

Core Courses

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<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>SE-565</td>
<td>Software System Requirements</td>
<td>3</td>
</tr>
<tr>
<td>SE-570</td>
<td>Software Systems Design</td>
<td>3</td>
</tr>
<tr>
<td>SE-580</td>
<td>The Process of Engineering Software</td>
<td>3</td>
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Guided Electives

Select TWO SETS of guided electives from the following: 12

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<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>SE-601</td>
<td>Outsourcing: Specifications and Strategies and Technology Assessment</td>
<td></td>
</tr>
<tr>
<td>SE-610</td>
<td>Software Systems Security and Secure Web Services Design</td>
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</tr>
<tr>
<td>SE-620</td>
<td>Networked Software Systems I and Networked Software Systems II</td>
<td></td>
</tr>
<tr>
<td>SE-625</td>
<td>Information Systems Architecture and Information Systems Engineering</td>
<td></td>
</tr>
<tr>
<td>SE-630</td>
<td>Real Time Software Analysis and Specification and Real-Time Software Design and Implementation</td>
<td></td>
</tr>
<tr>
<td>SE-650</td>
<td>Software Project Management and Software Organization Management</td>
<td></td>
</tr>
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</table>

Electives (3 credits)

Note

- This track is open only to students with an undergraduate degree in Software Engineering.
Select one of the following: 3

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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<tbody>
<tr>
<td>SE-601</td>
<td>Outsourcing: Specifications and Strategies</td>
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<tr>
<td>SE-602</td>
<td>Technology Assessment</td>
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<tr>
<td>SE-603</td>
<td>MOST Implementation</td>
</tr>
<tr>
<td>SE-605</td>
<td>Software Implementation and Reuse</td>
</tr>
<tr>
<td>SE-610</td>
<td>Software Systems Security</td>
</tr>
<tr>
<td>SE-611</td>
<td>Secure Web Services Design</td>
</tr>
<tr>
<td>SE-615</td>
<td>Usability Engineering/Human-Computer Interaction</td>
</tr>
<tr>
<td>SE-606</td>
<td>Extensible Markup Language (XML)</td>
</tr>
<tr>
<td>SE-616</td>
<td>Networked Software Systems I</td>
</tr>
<tr>
<td>SE-620</td>
<td>Information Systems Architecture</td>
</tr>
<tr>
<td>SE-625</td>
<td>Information Systems Engineering</td>
</tr>
<tr>
<td>SE-630</td>
<td>Real Time Software Analysis and Specification</td>
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<tr>
<td>SE-631</td>
<td>Real-Time Software Design and Implementation</td>
</tr>
<tr>
<td>SE-650</td>
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<td>SE-651</td>
<td>Software Organization Management</td>
</tr>
<tr>
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<td>Special Topics in Software Engineering</td>
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<td>Individual Research Project in Software Engineering</td>
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<td>CS-514</td>
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<td>CS-517</td>
<td>Database Design and Management</td>
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<td>CS-533</td>
<td>Database System Implementation</td>
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<td>BM-565</td>
<td>Management of Technology</td>
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**Two Semester Thesis (6 credits)**

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<tr>
<td>SE-691</td>
<td>Software Engineering Thesis Research</td>
</tr>
<tr>
<td>SE-692</td>
<td>Software Engineering Thesis Research</td>
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</table>

Total Credits 30

Note

- This track is open only to students with an undergraduate degree in Software Engineering.

**M.S. in Software Engineering, Non-Thesis Track**

**Requirements (24 credits)**

<table>
<thead>
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<tbody>
<tr>
<td>CS-501B</td>
<td>Program Development</td>
</tr>
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<td>CS-503</td>
<td>Data Structures and Algorithms</td>
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<tr>
<td>SE-504</td>
<td>Principles of Software Engineering</td>
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<tr>
<td>SE-510</td>
<td>Object-Oriented Analysis and Design</td>
</tr>
<tr>
<td>SE-565</td>
<td>Software System Requirements</td>
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<td>SE-570</td>
<td>Software Systems Design</td>
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<tr>
<td>SE-575</td>
<td>Software Verification, Validation and Maintenance</td>
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<tr>
<td>SE-580</td>
<td>The Process of Engineering Software</td>
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**Electives (12 credits)**

Select four of the following: 12

<table>
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<tr>
<th>Course Code</th>
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<tbody>
<tr>
<td>SE-601</td>
<td>Outsourcing: Specifications and Strategies</td>
</tr>
<tr>
<td>SE-602</td>
<td>Technology Assessment</td>
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<tr>
<td>SE-603</td>
<td>MOST Implementation</td>
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<tr>
<td>SE-605</td>
<td>Software Implementation and Reuse</td>
</tr>
<tr>
<td>SE-610</td>
<td>Software Systems Security</td>
</tr>
<tr>
<td>SE-611</td>
<td>Secure Web Services Design</td>
</tr>
<tr>
<td>SE-615</td>
<td>Usability Engineering/Human-Computer Interaction</td>
</tr>
<tr>
<td>SE-616</td>
<td>Extensible Markup Language (XML)</td>
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<tr>
<td>SE-620</td>
<td>Networked Software Systems I</td>
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<tr>
<td>SE-621</td>
<td>Networked Software Systems II</td>
</tr>
<tr>
<td>SE-625</td>
<td>Information Systems Architecture</td>
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<td>CS-514</td>
<td>Networks</td>
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<td>CS-517</td>
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**Practicum (6 credits)**

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<td>SE-695B</td>
<td>Software Engineering Practicum</td>
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Total Credits 42

1. Up to 12 credits of Foundation Courses may be waived upon evaluation of prior academic preparation in Computer Science and Software Engineering

**M.S. in Software Engineering, Thesis Track**

**Requirements (24 credits)**

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>CS-501B</td>
<td>Program Development</td>
</tr>
<tr>
<td>CS-503</td>
<td>Data Structures and Algorithms</td>
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<tr>
<td>SE-504</td>
<td>Principles of Software Engineering</td>
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<td>SE-510</td>
<td>Object-Oriented Analysis and Design</td>
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<td>SE-565</td>
<td>Software System Requirements</td>
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<td>Software Systems Design</td>
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<td>Software Verification, Validation and Maintenance</td>
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<tr>
<td>SE-580</td>
<td>The Process of Engineering Software</td>
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**Electives (12 credits)**

Select four of the following: 12

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<tbody>
<tr>
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<td>SE-630</td>
<td>Real Time Software Analysis and Specification</td>
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### MSIS in Information Systems, Management Track, Non-Thesis Track

#### Foundation Requirements (13.5 credits)

<table>
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<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CS-501A</td>
<td>Computer Programming Essentials</td>
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</tr>
<tr>
<td>BM-517</td>
<td>Introduction to Management</td>
<td>1.5</td>
</tr>
<tr>
<td>SE-504</td>
<td>Principles of Software Engineering</td>
<td>3</td>
</tr>
<tr>
<td>BA-513</td>
<td>Financial Accounting</td>
<td>1.5</td>
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<tr>
<td>BA-514</td>
<td>Managerial Accounting</td>
<td>1.5</td>
</tr>
<tr>
<td>BE-511</td>
<td>Microeconomics</td>
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<td>BE-512</td>
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#### Program Requirements (24 credits)

<table>
<thead>
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<tbody>
<tr>
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<td>Management Information Systems</td>
<td>3</td>
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<tr>
<td>BM-520</td>
<td></td>
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<tr>
<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>SE-603</td>
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<td>MIS-551</td>
<td>Software Organization Management</td>
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Select two of the following:

- BK-520 Foundations of Marketing Management
- BL-631 Legal Environment of Business
- BM-635 Human Resource and Organizational Development
- CS-518 Fundamentals of Computer Security and Cryptography
- CS-628 Security of E-Systems and Networks
- SE-602 Technology Assessment
- SE-615 Usability Engineering/Human-Computer Interaction
- MIS-514 Networks

#### Practicum (6 credits)

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<tr>
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<td>Management Information System Practicum II</td>
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</table>

Total Credits 42

1 Up to 12 credits of Foundation Courses may be waived upon evaluation of prior academic preparation in Computer Science and Software Engineering

### MSIS in Information Systems, Management Track, Thesis Track

#### Foundation Requirements (13.5 credits)

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<td>Principles of Software Engineering</td>
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#### Program Requirements (24 credits)

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<td>MIS-550</td>
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Select two of the following:

- BK-520 Foundations of Marketing Management
- BL-631 Legal Environment of Business
- BM-635 Human Resource and Organizational Development
- CS-518 Fundamentals of Computer Security and Cryptography
- CS-628 Security of E-Systems and Networks
- SE-602 Technology Assessment
- SE-615 Usability Engineering/Human-Computer Interaction
- MIS-514 Networks

Total Credits 43.5

1 Up to 13.5 credits may be waived upon evaluation of prior academic preparation
MSIS in Information Systems, Technology Track, Thesis Track

Foundation Requirements (13.5 credits)

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<td>Program Development</td>
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<td>BM-517</td>
<td>Introduction to Management</td>
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<tr>
<td>SE-504</td>
<td>Principles of Software Engineering</td>
<td>3</td>
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<tr>
<td>CS-503</td>
<td>Data Structures and Algorithms</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>BL-631</td>
<td>Legal Environment of Business</td>
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<td>BM-635</td>
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<tr>
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<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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Thesis (6 credits)

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<td>MIS-691</td>
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<td>MIS-692</td>
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Total Credits 43.5

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

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

Susan Kennedy, Program and Project Director. JD, MS, Environmental Law, Vermont Law School. Ms. Kennedy has over twenty-five years of experience as a lawyer and public policy expert working in both the private and non-governmental sectors.

Tony MacDonald, Esq. Director. JD, 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.

James Nickels, Marine Scientist. MS, 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.

Mike Schwebel, Community Resilience and Climate Adaptation Specialist. PhD, Temple University. Dr. Schwebel has a joint appointment with the New Jersey Sea Grant Consortium. His areas of interest include climate change policy, community adaptation, and islands-centric climate adaptation research. He is also a registered landscape architect (RLA) and LEED accredited professional (LEED AP) specializing in green planning.

Karl Vilacoba, Communications Director. MA, 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.
LEON HESS BUSINESS SCHOOL

Dean: Donald M. Moliver, PhD, CRE, MAI
Associate Dean: Gilda Agacer, PhD
Assistant Dean: Janeth Merkle, MBA, MM
MBA Program Director: Susan Gupta, PhD

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 MBA 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 hold positions as endowed Chairs.

- Professor Peter Reinhart is the recipient of the Greenbaum/Ferguson/New Jersey Association of Realtors Endowed Chair in Real Estate Policy.
- Dean Donald Moliver holds the Steven and Elaine Pozyczki Endowed Professor Chair in Real Estate.

The top 20 percent of MBA graduates and 10 percent of undergraduate junior and senior students are eligible for election to Beta Gamma Sigma, the International Honor Society for AACSB-accredited business schools.

Student Honor Society: Beta Gamma Sigma

Programs
Masters
- MBA (p. 104)
- MBA with a Concentration in Accounting (p. 106)
- MBA with a Concentration in Finance (p. 110)
- MBA with a Concentration in Management (p. 113)
- MBA with a Concentration in Marketing (p. 115)
- MBA with a Concentration in Real Estate (p. 110)

Certificate
- Graduate Certificate in Accounting (p. 106)

Master of Business Administration

MBA Executive Program Director, Peter Reinhart, Esq.
MBA Program Director, Susan Gupta, PhD

Master of Business Administration (MBA)

The mission of the MBA 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 MBA options are open to students: a general MBA (which may be pursued either in a regular or accelerated mode and allows for customization (e.g. healthcare, Global) and the following five MBA concentrations:

- Accounting (p. 106),
- Finance (p. 110),
- Management (p. 113),
- Marketing (p. 115), and
- Real Estate (p. 110).

The State of New Jersey requires candidates for the CPA examination to have completed a minimum of 150 credit hours of higher education. The MBA 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 MBA;
2. students who have undergraduate degrees in fields other than Accounting may earn an MBA with a concentration in Accounting.

Students who have an undergraduate Accounting degree are not encouraged to pursue the MBA Accounting Concentration or graduate certificate in accounting.

Programs
Masters
- MBA (p. 104)
MBA

Foundation Requirements (21 credits)

<table>
<thead>
<tr>
<th>Course</th>
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<td>BK-520</td>
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<td>BM-519</td>
<td>Production and Operations Management</td>
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Core Requirements (21 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BA-610</td>
<td>Accounting for Managers</td>
<td>3</td>
</tr>
<tr>
<td>BE-611</td>
<td>Managerial Economics</td>
<td>3</td>
</tr>
<tr>
<td>BF-612</td>
<td>Corporate Finance</td>
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<tr>
<td>BM-613</td>
<td>Managing and Leading in Organizations</td>
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<tr>
<td>BK-614</td>
<td>Marketing Management</td>
<td>3</td>
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<tr>
<td>BM-660</td>
<td>Corporate Governance and Organizational Ethics</td>
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<tr>
<td>BM-670</td>
<td>Strategic Management</td>
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</table>

Requirements (15 credits)

Data Analysis

Select one of the following: 3

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<td>BK-620</td>
<td>Marketing Research</td>
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<td>BM-620</td>
<td>Management Science and Business Analytics</td>
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<td>BM-622</td>
<td>Applied Information Systems Management</td>
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<tr>
<td>BE/BF-620</td>
<td>Econometrics</td>
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Global

Select one of the following: 3

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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>BE-650</td>
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<td>BF-650</td>
<td>International Finance</td>
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<td>BK-650</td>
<td>International Marketing Management</td>
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<td>BR-650</td>
<td>International Real Estate</td>
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<tr>
<td>BM-650</td>
<td>International Business</td>
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</tr>
</tbody>
</table>

Guided Electives

Select 9 credits of Guided Free Electives 9

Total Credits 57

Accounting

Chair: Nancy Uddin, 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.

Guided Electives

Select 9 credits of Guided Free Electives 9

Total Credits 57

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 CPA.)

The opportunities for accounting graduates are unlimited with the demand continuing at a strong level despite the current economic downturn.

- CPAs 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

- MBA with a Concentration in Accounting (p. 106)

Certificate

- Graduate Certificate in Accounting (p. 106)

Faculty

**Gilda M. Agacer**, Associate Professor (Graduate Faculty).
Associate Dean of the Leon Hess Business School. BA, University of East Philippines; MIBS, PhD, University of South Carolina. Specializes in governmental accounting, advanced accounting analysis, and managerial cost analysis.
gagacer@monmouth.edu

**Linda Flaming**, Associate Professor (Graduate Faculty). BS, University of Science and Arts of Oklahoma; BA, MS, Queens College, City of New York; PhD, University of Oklahoma; CPA, Oklahoma. Teaching interests include all levels of financial and managerial accounting. Research interests are in tax, audit, accounting, and investor decision-making.
lflaming@monmouth.edu

**Xudong Daniel Li**, Assistant Professor (Graduate Faculty). BE, BS, University of Science and Technology of China, MBA, University of California, PhD, 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 of develop testable hypotheses in examining the interplay of auditing and accounting via archival research methods and using archival data.

Nancy Uddin, Associate Professor and Chair (Graduate Faculty). BA, William Patterson University; PhD, Rutgers University. Research and teaching interests include the areas of auditing and accounting information systems.

Ronald Zhao, Associate Professor (Graduate Faculty). BA, Fudan University, China; MA, Shanghai Foreign Language Institute, China; PhD, Texas Tech University; CPA, CMA. Teaching and research interests are in the areas of cost and management accounting, international accounting, and corporate finance.

Courses

BA-513 Financial Accounting Credits: 1.5
Prerequisite: Bachelor’s Degree.
Term Offered: All Terms
Course Type(s): None
This foundational course will address the basics of financial accounting, including the accounting cycle, from the analysis and recording of transactions to the compilation of the four basic financial statements, and introduce additional accounting procedures related to valuation of inventory and long term assets and other financial statement topics.

BA-514 Managerial Accounting Credits: 1.5
Prerequisite: Bachelor’s Degree.
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 Credits: 3
Prerequisite: BA-541.
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 Credits: 1-3
Prerequisite: A minimum G.P.A. of 3.00.
Term Offered: All Terms
Course Type(s): None
Provides the opportunity for MBA accounting track (and/or accounting concentration) students to apply classroom theory in practice through actual work experience in the accounting field. The course cannot be counted toward the MBA track or concentration requirements, but is recommended for those who do not have experience in the accounting profession. Students may take this course a maximum of two times (or a maximum of 6 credits).

BA-598 Special Topics in Accounting Credits: 3
Prerequisite: BA-541.
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.

BA-599 Business Research Credits: 3
Prerequisite: Prior permission of the directing professor and department chair.
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.

BA-610 Accounting for Managers Credits: 3
Prerequisites: 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 Credits: 3
Prerequisite: BA-513.
Term Offered: All Terms
Course Type(s): None
This is the only graduate level income tax course currently offered at Monmouth. Our undergraduate version of this course covers two semesters. This course will emphasize tax research and planning for individuals. The purpose is to introduce graduate accounting students to a broad range of income tax topics. Because of the complexity and breadth of coverage, many topics will not be covered in great depth.

BA-634 Selected Topics in Financial Accounting Credits: 3
Prerequisite: BA-513.
Term Offered: All Terms
Course Type(s): None
This capstone course provides an intensive examination of accounting concepts and principles pertaining to the understanding of accounting cycle and preparation of major financial statements. It covers the accounting treatment of major classes of assets, liabilities and equities and related income accounts. This course is specifically structured to cover the fundamental issues traditionally taught in two intermediate accounting courses at the undergraduate level for graduate students without sufficient accounting background. It lays a sound foundation for students to pursue more advanced financial accounting practice and theory issues in contemporary context.
BA-636  Advanced Accounting Topics  Credits: 3
Prerequisite: BA-634.
Term Offered: All Terms
Course Type(s): None
This course in financial accounting has been developed to provide advanced knowledge and skills in various specialized and complex areas. It presupposes an extensive background in basic accounting theory. This course presents the specialized topics of business investments and combinations and consolidations, and an introduction to governmental and not-for-profit accounting. Relevant United States Generally Accepted Accounting Principles and United States Governmental Accounting Standards Board pronouncements will be considered. In addition, other topics relevant to the understanding of the current business and accounting environment (segment and interim reporting, foreign exchange transactions and partnerships, estates, trusts will be addressed).

BA-638  Auditing Practices and Cases  Credits: 3
Prerequisite: BA-634.
Term Offered: All Terms
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.

Graduate Certificate in Accounting

Requirements (18 credits)
BA-513  Financial Accounting  1.5
BA-514  Managerial Accounting  1.5
BA-610  Accounting for Managers  3
BA-632  Business Income Tax  3
BA-634  Selected Topics in Financial Accounting  3
BA-636  Advanced Accounting Topics  3
BA-638  Auditing Practices and Cases  3
Total Credits 18

MBA with a Concentration in Accounting

Foundation Requirements (21 credits)
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 (15 credits)
BA-610  Accounting for Managers  3
BF-612  Corporate Finance  3
BM-613  Managing and Leading in Organizations  3
BM-660  Corporate Governance and Organizational Ethics  3
BM-670  Strategic Management  3

Concentration Requirements (21 credits)
BA-632  Business Income Tax  3
BA-634  Selected Topics in Financial Accounting  3
BA-636  Advanced Accounting Topics  3
BA-638  Auditing Practices and Cases  3
BL-631  Legal Environment of Business  3

Data Analysis
Select one of the following: 3
BE/BF-620  Econometrics
BM-620  Management Science and Business Analytics
BM-622  Applied Information Systems Management

Global
Select one of the following: 3
BE-650  Globalization
BK-650  International Marketing Management
BR-650  International Real Estate
BM-650  International Business
Total Credits 57

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

• MBA with a Concentration in Real Estate (p. 110)
• MBA with a Concentration in Finance (p. 110)

Faculty

Nahid Aslanbeigui, Professor (Graduate Faculty). BA, University of Tehran, MA, PhD, 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). BS, MBA, PhD, University of Central Florida. Research interests include international mutual fund performance and finance education.
bbailey@monmouth.edu

Andreas Christofi, Professor (Graduate Faculty). BA, Graduate Industrial School of Thessaloniki, Greece; MBA, University of New Orleans; PhD, Finance, Pennsylvania State University. Research interests include pricing of capital assets, investments, fixed income securities, and international finance. Additional interests include derivatives and econometrics.

achristo@monmouth.edu

Judex Hyppolite, Assistant Professor (Graduate Faculty). PhD, 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 (Graduate Faculty).
Dean of the Leon Hess Business School. BA, Fairleigh Dickinson University, MA, PhD, 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). BA, MA, PhD, University of Wisconsin-Milwaukee. Principal research interests are in labor economics, discrimination, payment scheme, and econometrics.

pohallor@monmouth.edu

Benedicte Reyes, Associate Professor (Graduate Faculty). BA, Ecole Superieure de Commerce de Reims, France; MBA, Temple University; PhD, Columbia University. Research interests include international corporate finance and capital markets deregulation.

breyes@monmouth.edu

Robert H. Scott, III, Associate Professor (Graduate Faculty). BA, Western State College of Colorado; MA, PhD, 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**

Term Offered: All Terms

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

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: All Terms

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-515 Financial Markets
**Credits:** 1.5

**Course Type(s):** MBA.E, MBA.I

- **Term Offered:** All Terms
- **Prerequisites:** BE-512 and BF-515.

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.

### BF-612 Corporate Finance
**Credits:** 3

**Course Type(s):** None

- **Term Offered:** All Terms
- **Prerequisites:** BE-511 and BE-512 and BF-515 and BF-516.

Analysis of corporate finance concepts: Financial ratio analysis and forecasts, estimation of cash flows for corporate valuation, cost of capital and optimal capital structure, distributions to shareholders, and financial restructuring. This course will rely on corporate cases and Excel applications. Not open to students who have taken BF-522.

### BF-650 International Finance
**Credits:** 3

**Course Type(s):** MBA.E

- **Term Offered:** All Terms
- **Prerequisites:** BE-511, BE-512, BF-515, and BF-516.


### BF-698 Special Topics in Finance
**Credits:** 3

**Course Type(s):** None

- **Term Offered:** All Terms
- **Prerequisites:** BE-511 and BE-512, BF-515 and BF-516 and BM-518.

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.
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<tr>
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<th>Course Title</th>
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<tbody>
<tr>
<td>BR-525</td>
<td>Real Estate Analysis</td>
<td>3</td>
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<tr>
<td>BR-527</td>
<td>Real Estate Finance, Investment and Tax</td>
<td>3</td>
</tr>
<tr>
<td>BR-530</td>
<td>Real Estate Lease and Negotiations</td>
<td>3</td>
</tr>
<tr>
<td>BR-580</td>
<td>Regulation and Real Estate Development Process</td>
<td>3</td>
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<tr>
<td>BR-598</td>
<td>Special Topics in Real Estate</td>
<td>1-3</td>
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<td>BR-599</td>
<td>Independent Study in Real Estate</td>
<td>3</td>
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<tr>
<td>BR-630</td>
<td>Environmental Land Use and Planning Law and Regulation</td>
<td>3</td>
</tr>
<tr>
<td>BR-631</td>
<td>Capital Markets and Real Estate</td>
<td>3</td>
</tr>
<tr>
<td>BR-632</td>
<td>Real Estate Valuation and Analysis</td>
<td>3</td>
</tr>
<tr>
<td>BR-633</td>
<td>Real Estate Accounting, Taxation and Insurance</td>
<td>3</td>
</tr>
<tr>
<td>BR-634</td>
<td>Real Estate Lease Negotiations and Analysis</td>
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</tr>
<tr>
<td>BR-635</td>
<td>Real Estate Property Management</td>
<td>1.5</td>
</tr>
</tbody>
</table>

**Course Details**

- **BR-525 Real Estate Analysis**
  - Credits: 3
  - Prerequisite: BF-511.
  - Term Offered: All Terms
  - 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: All Terms
  - 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: All Terms
  - 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: All Terms
  - Course Type(s): None
  - Real Estate Development analyzes the distinctive roles and perspectives of government and business in the land development process. A step-by-step examination of the phases of a real estate development project from conceptualization to either disposition or lease-up that emphasizes both the management and approval aspects of those phases.

- **BR-598 Special Topics in Real Estate**
  - Credits: 1-3
  - Term Offered: All Terms
  - Course Type(s): None
  - Subject matter varies according to the interest of the students and the professor. The exact nature of the topic covered is indicated in the student's permanent record.

- **BR-599 Independent Study in Real Estate**
  - Credits: 3
  - Term Offered: All Terms
  - 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.

- **BR-630 Environmental Land Use and Planning Law and Regulation**
  - Credits: 3
  - Term Offered: All Terms
  - 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
  - Prerequisites: BF-515 and BF-516.
  - Term Offered: All Terms
  - 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: BF-516.
  - Term Offered: All Terms
  - 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
  - Prerequisites: 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.

- **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: 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: 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: 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: 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
Prerequisites: BR-631 and BR-632.
Term Offered: All Terms
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
Prerequisites: 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: 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.

BR-699  Independent Study in Real Estate  Credits: 3
Prerequisite: Permission of the Instructor, Department Chair and Dean.
Term Offered: All Terms
Course Type(s): None
Independent research in Real Estate is for areas of Real Estate not substantially treated in a regular course offering. It is done under the supervision of a Leon Hess Business School faculty member, and written evaluation of the research is required.

MBA with a Concentration in Finance

Foundation Requirements (21 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>BM-510</td>
<td>Business Analysis, Research and Communication</td>
<td>3</td>
</tr>
<tr>
<td>BE-511</td>
<td>Microeconomics</td>
<td>1.5</td>
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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>
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<tr>
<td>BA-514</td>
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<tr>
<td>BF-515</td>
<td>Financial Markets</td>
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Core Requirements (21 credits)

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Concentration Requirements (15 credits)

Data Analysis

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<tbody>
<tr>
<td>BE/BF-620</td>
<td>Econometrics</td>
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Global

<table>
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<tr>
<th>Course</th>
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<tbody>
<tr>
<td>BE-650</td>
<td>Globalization</td>
</tr>
<tr>
<td>or BF-650</td>
<td>International Finance</td>
</tr>
</tbody>
</table>

Select three of the following:

<table>
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<tr>
<td>BF-630</td>
<td>Investments</td>
</tr>
<tr>
<td>BF-631</td>
<td>Derivatives</td>
</tr>
<tr>
<td>BF-632</td>
<td>Financial Markets and Risk Management</td>
</tr>
<tr>
<td>BF-698</td>
<td>Special Topics in Finance</td>
</tr>
<tr>
<td>BE-698</td>
<td>Special Topics in Economics</td>
</tr>
</tbody>
</table>

Total Credits 57

MBA with a Concentration in Real Estate

Foundation Requirements (21 credits)

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<tr>
<td>BM-510</td>
<td>Business Analysis, Research and Communication</td>
<td>3</td>
</tr>
<tr>
<td>BE-511</td>
<td>Microeconomics</td>
<td>1.5</td>
</tr>
</tbody>
</table>
Core Requirements (15 credits)
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

Concentration Requirements (21 credits)
Data Analysis
BE/BF-620 Econometrics 3

Global
Select one of the following: 3
BE-650 International Finance
BF-650 International Finance
BE-650 Globalization

Select one of the following: 3
BR-630 Environmental Land Use and Planning Law and Regulation
BR-631 Capital Markets and Real Estate
BR-633 Real Estate Accounting, Taxation and Insurance
BR-640 Strategic Case Studies in Real Estate

Total Credits 57

Management and Decision Sciences

Chair: Joseph B. Mosca, 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
• MBA with a Concentration in Management (p. 113)

Faculty
Edward Christensen, Associate Professor (Graduate Faculty).
Vice President for Information Management. AS, George Washington University; BS, Southern Illinois University; MBA, PhD, Rutgers University. Specializes in management information systems organization and administration, including the use of information technology to support decision-making and strategy.
ecriste@monmouth.edu

Scott Jeffrey, Assistant Professor (Graduate Faculty). BSC, MBA, Santa Clara University; PhD, University of Chicago. Performs research on the use of incentives and goal setting in organizations. Particularly focuses on non-cash tangible incentives such as travel and merchandise.
sjeffrey@monmouth.edu

Joseph McManus, Assistant Professor (Graduate Faculty). MBA, Pepperdine University; JD, Rutgers University Law School, Camden; PhD, Rutgers University. Research interests include organizational misconduct, business ethics, corporate social responsibility, and social entrepreneurship.
jmcmanus@monmouth.edu

Joseph Mosca, Associate Professor and Chair (Graduate Faculty). BA, MA, Montclair State University; EdD, New York University. Primary specializations are human resource management, human relations, and active teaching methods. His current research interests focus on developing hybrid courses, employee behavior, and jobs of the twenty-first century.
mosca@monmouth.edu

Roy Nersesian, Professor (Graduate Faculty). BS, Rensselaer Polytechnic Institute; MBA, 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.
rnersesi@monmouth.edu

Stuart Rosenberg, Associate Professor (Graduate Faculty). BA, Marquette University; MA, University of Wisconsin-Madison; PhD, Fordham University. Research interests include case writing, managerial economics, and the relationship between management and culture.
srosenbe@monmouth.edu

Eugene Simko, Associate Professor (Graduate Faculty). BBA, MBA, Temple University; PhD, Baruch College of the City University of New York. Primary area of teaching and research is strategic management. Dr. Simko has over thirty years of consulting and training experience in strategic planning. He served on Governor
Courses

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<td>BM-520</td>
<td>Management Information Systems</td>
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<tr>
<td>BM-521</td>
<td>Seminar in Electronic Commerce</td>
<td>3</td>
</tr>
<tr>
<td>BM-525</td>
<td>Principles of Logistics Management</td>
<td>3</td>
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<tr>
<td>BM-556</td>
<td>Management of Technology</td>
<td>3</td>
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<tr>
<td>BM-558</td>
<td>Special Topics in Management</td>
<td>3</td>
</tr>
<tr>
<td>BM-598</td>
<td>Business Research: Management</td>
<td>3</td>
</tr>
</tbody>
</table>

BM-510 Business Analysis, Research and Communication
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-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: BM-518 or equivalent.
Term Offered: All Terms
Course Type(s): None
Application and adaptation 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. Not open to students who have taken BM-507.

BM-520 Management Information Systems
Prerequisite: BM-502.
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.

BM-521 Seminar in Electronic Commerce
Prerequisites: BM-502 and BK-509.
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: BM-507.
Term Offered: All Terms
Course Type(s): MBA.Q
Conceptual underpinnings of business logistics; designing an integrated logistics system; managing for effective logistics.

BM-558 Management of Technology
Prerequisite: BM-502.
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-559 Business Research: Management
Prerequisite: BM-502.
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.

BM-598 Special Topics in Management
Prerequisite: BM-502.
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.
BM-613 Managing and Leading in Organizations Credits: 3
Prerequisite: 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
Prerequisites: 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: 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: 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
Prerequisites: BM-517, BM-518 and BM-620 or BM-622.
Term Offered: All Terms
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: 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: All Terms
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: BM-613.
Term Offered: All Terms
Course Type(s): MBA.I, MBA.B
The factors unique to international/global business in both the external environment (cultural, political, legal, technological, economic, financial) and the internal functional decisions made by the firm for sustainable strategic growth, while identifying risk.

BM-660 Corporate Governance and Organizational Ethics Credits: 3
Prerequisite: 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
Prerequisite: Student must be within nine credits of graduation.
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.

MBA with a Concentration in Management

Foundation Requirements (21 credits)

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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

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

• MBA with a Concentration in Marketing (p. 115)

Faculty

Susan Forquer Gupta, Associate Professor (Graduate Faculty). Director, MBA Program. BS, MS, University of Missouri-Columbia; PhD, University of Tennessee-Knoxville. Primary interests include international and global marketing 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

Amy Handlin, Associate Professor (Graduate Faculty). BA, Harvard University; MBA, Columbia University; PhD, New York University. Primary interests are in applications of marketing to public policy and in the lobbying process, especially regarding small businesses regulated by state government.

ahandlin@monmouth.edu

Min-Hua Lu, Associate Professor and Chair (Graduate Faculty). BA, MA, Beijing Institute of Foreign Trade; DBA, George Washington University. Primary interests are in strategic marketing management, international/global marketing management, and global sustainability of economics.

mlu@monmouth.edu

David P Paul, Professor (Graduate Faculty). BS, Hampden-Sydney College; DDS, Medical College of Virginia; MBA, PhD, Old Dominion University. Primary interests are in marketing and healthcare management. Co-editor of "Health Marketing Quarterly.

dpaul@monmouth.edu

Joseph F. Rocereto, Associate Professor (Graduate Faculty). BA, Dickinson College; MBA, PhD, 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.

jroceret@monmouth.edu

Michaeline Skiba, Associate Professor (Graduate Faculty). BS, MS, Loyola University; MS, Boston College; EdD, Columbia University. Research interests include healthcare education, management challenges within managed care settings, social and behavioral issues associated with pharmaceutical promotions and marketing strategy, and general management.

mskiba@monmouth.edu

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. Prerequisite: Admission to the MBA program.

BK-614 Marketing Management Credits: 3

Prerequisite: Completion or waiver of all MBA foundation courses.

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: BK-614.

Term Offered: All Terms

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: BK-614.  
Term Offered: All Terms  
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: 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. Not open to students who have taken BK-540.

BK-641   Advertising and Media Management Credits: 3  
Prerequisite: BK-614.  
Term Offered: All Terms  
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  
Prerequisites: BK-614.  
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: BK-614.  
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: Prior permission of the directing professor and department chair.  
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.

MBA with a Concentration in Marketing

Foundation Requirements (21 credits)  
BM-510   Business Analysis, Research and Communication 3  
BE-511   Microeconomics 1.5  

Core Requirements (21 credits)  
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  

Concentration Requirements (15 credits)  
Data Analysis  
BM-620   Management Science and Business Analytics 3  

Global  
BK-650   International Marketing Management 3  
Select three of the following:  
9  
BK-639   Promotional Strategy  
BK-640   Consumer Behavior  
BK-641   Advertising and Media Management  
BK-698   Special Topics in Marketing  
BK-699   Independent Research in Marketing  

Total Credits 57
SCHOOL OF EDUCATION

Dean: John E. Henning, PhD
Associate Dean: Wendy Harriott, PhD

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 (MAT)

The Department of Curriculum and Instruction offers a Master of Arts in Teaching (MAT) degree that leads to an initial certification in:

- Early Childhood Elementary Track (p. 125),
- Elementary Track (p. 125),
- Secondary Track (p. 127),
- K-12 Track for Art or Music (p. 124),
- K-12 Track for Health and Physical Education (p. 124)
- K-12 Track for Chinese and Spanish (p. 126)

The MAT tracks have options for combining various endorsements:

- English as a Second Language (ESL), (p. 117)
- Teachers of Students with Disabilities (TSD), (p. 117)
- Middle School Teachers (p. 117),
- Subject Endorsement in Chinese – Certificate of Eligibility with Advanced Standing (CEAS), (p. 117)
- Bilingual/Bicultural (p. 129)

MSEd in Special Education
- Literacy (p. 128)

Master of Education (MEd)
- Master of Education (MEd) (p. 129)

Certificate
- Teaching English to Speakers of Other Languages (TESOL) (p. 129)

Graduate Endorsement
- Early Childhood (P-3) (p. 129)

Department of Special Education

MSEd in Special Education
- Autism (p. 140)
- Teacher of Students with Disabilities (p. 141),
- Teaching in Inclusive Settings (p. 141), or
- Learning Disabilities Teacher – Consultant Track (p. 140)

Graduate Endorsement
- Teacher of Students with Disabilities (p. 142)
- Learning Disabilities Teacher Consultant (post-master's endorsement) (p. 141)

Certificate Programs
- Autism (p. 141), taught completely online
- Applied Behavior Analysis (ABA) (p. 141), taught completely online

Department of Educational Counseling and Leadership

Master of Science in Education (MSEd)
- Principal (p. 136) (with an option for Principal/School Administrator/Supervisor (p. 135)),
- School Counseling (p. 136),
- Student Affairs and College Counseling (p. 136),

Graduate Endorsements
- Student Assistance Coordinator (p. 137)

Post-master’s Endorsements
- Supervisor (p. 137)
- Director of School Counseling Services (p. 137)

Department of Speech Pathology

Master of Science in Education (MSEd)
- Speech-Language Pathology (p. 144)

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 they 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: Carolyn Groff, Department of Curriculum and Instruction

Master of Arts in Teaching (MAT)

MAT students are expected to have completed the content discipline prior to beginning the graduate program. Some Monmouth University students are admitted to graduate study before a coherent sequence of at least thirty credits in a recognized liberal arts discipline (e.g., art, English, mathematics) has been completed. These students are expected to complete all remaining undergraduate course work at Monmouth University. In cases where the students are unable to take the appropriate classes at Monmouth due to time conflicts, the student may be given permission to take one or all of these discipline-specific courses at a two-year institution. In these limited cases, the Monmouth University MAT students who obtain permission to enroll at two-year institutions while in the MAT program may transfer the credits to Monmouth during their last semester in the MAT program. These credits will be posted to a Monmouth University undergraduate transcript after completion of their MAT 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, Early Childhood Elementary Track (P-3 Early Childhood Certification with Elementary K-6 Certification) (p. 125)
- MAT Initial Certification, Elementary Track (K-6 Elementary Certification) (p. 125)
- MAT Initial Certification, Elementary Track (K-6 Elementary Certification) with Endorsement in English as a Second Language (ESL) (p. 125)
- MAT Initial Certification, Elementary Track (K-6 Elementary Certification) with Endorsement in Teacher of Students with Disabilities (p. 126)
- MAT Initial Certification, Elementary Track and Middle School Endorsement Track (K-6 Certification with Content Specialization Endorsements 5-8) (p. 126)
- MAT Initial Certification in Art or Music (K-12 Certification and Subject Endorsement) (p. 124)
- MAT Initial Certification with Endorsements in K-12 Education in Health and Physical Education (p. 124)
- MAT Initial Certification, K-12 (Certification K-12 Track and Subject Endorsement); K-12 Certification in: Spanish or Chinese (p. 126)
- MAT Initial Certification, Secondary Track (9-12 Certification and Subject Endorsement) (p. 127)
- MAT Initial Certification, Secondary Track (9-12 Certification and Subject Endorsement) with Endorsement in English as a Second Language (p. 127)
- MAT Initial Certification, Secondary Track (9-12 Certification and Subject Endorsement) with Endorsement in Teacher of Students with Disabilities (p. 128)
- MAT Initial Certification, Spanish or Chinese (K-12 Certification and Subject Endorsement) with Endorsement in English as a Second Language (p. 128)
- MSED Literacy (p. 128)
- Master of Education (MED) (p. 129)

Certificate

- Certificate in TESOL (p. 129)

Endorsements

- Bilingual/Bicultural Graduate Endorsement (p. 129)
- Early Childhood Graduate Endorsement (p. 129)
- English as a Second Language (ESL) Graduate Endorsement (p. 129)
- Subject Endorsement in Chinese - Certificate of Eligibility with Advanced Standing (CEAS) Graduate Endorsement (p. 129)

Faculty

Linda Arnold, Assistant Professor (Graduate Faculty). BME, Florida State University; MED, Texas Christian University; PhD, The University of Tennessee. Professional interests include preparing pre-service teachers to work with English language learners in the mathematics classroom and technology in mathematics education.

Judith Bazler, Professor (Graduate Faculty). BS, Northern Illinois University; MED, EdD, University of Montana. Specialty is curriculum design and science education and informal science (e.g., museums). Founder of the Smart Discovery Center, Bethlehem, Pennsylvania.

Antonio Estudillo, Assistant Professor (Graduate Faculty). BS, Washington State University; MA, Gonzaga University; MS, PhD, Indiana University. Professional interests include educational foundations and diversity.

Carolyn Groff, Associate Professor and Chair (Graduate Faculty). MA, Mount Holyoke College; PhD, Rutgers University. Specialty is literacy/language arts and elementary education.

John Henning, Professor (Graduate Faculty).
Devin of the School of Education. BS, Pennsylvania State University; MEd, Kent State University; AD, Stark State College; PhD, 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

Kerry Rizzuto, Assistant Professor (Graduate Faculty). MA, Brooklyn College; EdD, Rowan University. Research interests include early childhood development with an emphasis on literacy, and developing culturally responsive pedagogical practices in pre-service and in-service teachers, while working with culturally and linguistically diverse children. krizzuto@monmouth.edu

Alex Romagnoli, Assistant Professor (Graduate Faculty). BS, MEd, East Stroudsburg University; PhD, Indiana University of Pennsylvania. Professional interests include multimodality, multiliteracies, graphic novels in academic contexts, and popular culture. aromagno@monmouth.edu

Lilly Steiner, Assistant Professor (Graduate Faculty). BA, University of Wisconsin; MA, University of North Dakota; EdD, Boston University. Research interests include family literacy and creating strong home-school partnerships. lsteiner@monmouth.edu

Chiu-Yin Wong, Assistant Professor (Graduate Faculty). BA, Brigham Young University; MA, PhD, Texas Tech University. Professional interests include English as a Second Language (ESL), second language pedagogy, and second language teacher education. cwong@monmouth.edu

Courses

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 Foundations of Education Credits: 3
Term Offered: All Terms
Course Type(s): None
An introduction to education in the United States. Principles and practice for instructional delivery 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. Fieldwork hours required for Education majors.

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
Prerequisites: ED-510 and ED-550.
Term Offered: All Terms
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 and to structure and implement learning experiences that effectively promote academic achievement and personal growth for all middle-grade students. Fieldwork is required.

ED-529 Content Literacy Credits: 3
Term Offered: All Terms
Course Type(s): None
Focuses on theory, methods, strategies, and materials for teaching literacy in all content areas, with an emphasis at the secondary level of education. The use of literature in all content areas will be explored, leading to a better understanding of the interdisciplinary approach to learning at the secondary level. Fieldwork hours are required.

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: All Terms
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), phonemics 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.

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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
<th>Prerequisite(s)</th>
<th>Term Offered</th>
<th>Course Type(s)</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-550</td>
<td>Teaching Diverse Populations</td>
<td>3</td>
<td>Prerequisite: ED-510.</td>
<td>All Terms</td>
<td>MAT</td>
<td>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 from a multicultural perspective 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. Fieldwork is required.</td>
</tr>
<tr>
<td>ED-552</td>
<td>Child and Adolescent Development</td>
<td>3</td>
<td>Term Offered: All Terms</td>
<td>All Terms</td>
<td>None</td>
<td>Psychological, sociological and physiological development related to academic functioning of children and adolescents. Learning theories studied are related to current educational concerns in this age group. For Education majors only.</td>
</tr>
<tr>
<td>ED-554</td>
<td>Supplemental Instruction in Reading and Mathematics</td>
<td>3</td>
<td>Prerequisites: ED-556 and EDL-575.</td>
<td>All Terms</td>
<td>MAT</td>
<td>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.</td>
</tr>
<tr>
<td>ED-556</td>
<td>Teaching Elementary Mathematics</td>
<td>3</td>
<td>Prerequisites: ED-510, ED-550, and ED-552.</td>
<td>All Terms</td>
<td>None</td>
<td>Provides elementary teacher candidates with a modern vision of elementary mathematics and beyond. Candidates will learn to create a math classroom where students of diverse backgrounds and abilities can construct a conceptual as well as a procedural understanding of mathematics. Fieldwork is required.</td>
</tr>
<tr>
<td>ED-560</td>
<td>Methods of Teaching in Secondary Education</td>
<td>3</td>
<td>Prerequisites: ED-510, ED-550, and ED-552, and permission of the MAT program director.</td>
<td>All Terms</td>
<td>None</td>
<td>A general methods course designed for candidates who are preparing to teach in subject-specific classrooms in high school environments. Provides an integrated perspective of general teaching methods from grade 9 through grade 12. Fieldwork is required.</td>
</tr>
<tr>
<td>ED-562</td>
<td>Methods of Teaching Science at the Elementary Level</td>
<td>3</td>
<td>Prerequisites: ED-510, ED-550, and ED-552.</td>
<td>All Terms</td>
<td>None</td>
<td>Provides an integrated perspective of teaching science at the elementary level. This perspective will allow future elementary teachers to understand how foundational science concepts should be taught. It will allow future elementary teachers to appreciate the developmental needs of early learners and the corresponding pedagogy utilized. Predominantly hands-on, interrelated to the national and New Jersey Science Core Curriculum Content Standards, providing usable materials adapted to each student’s needs. Fieldwork is required.</td>
</tr>
<tr>
<td>ED-563</td>
<td>Assessment and Treatment of Literacy Problems</td>
<td>3</td>
<td>Prerequisite: EDL-503.</td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
</tr>
<tr>
<td>ED-564</td>
<td>Preparing for School Mathematics: Secondary</td>
<td>3</td>
<td>Prerequisites: ED-510, ED-550, and ED-552.</td>
<td>All Terms</td>
<td>None</td>
<td>Provides secondary-mathematics teacher candidates with knowledge for teaching secondary mathematics. Candidates will learn to create a math classroom where students of diverse backgrounds and abilities can construct a conceptual, as well as a procedural, understanding of mathematics. Fieldwork is required.</td>
</tr>
<tr>
<td>ED-565</td>
<td>Methods of Teaching Mathematics for Secondary School Part II</td>
<td>3</td>
<td>Prerequisite: ED-560 or ED-564.</td>
<td>All Terms</td>
<td>None</td>
<td>Extends the study of secondary methodology begun in ED-564. The intent is to deepen the understanding of future secondary-school teachers in the complexities of the secondary-mathematics curriculum and build their competencies at the level of instructional implementation. Instructional methodologies studied will be more broadly applied to more advanced mathematical concepts. Fieldwork is required.</td>
</tr>
<tr>
<td>ED-566</td>
<td>Methods of Teaching Science at the Secondary Level I</td>
<td>3</td>
<td>Prerequisites: ED-510, ED-550, and ED-552.</td>
<td>All Terms</td>
<td>None</td>
<td>Provides the candidates with an understanding of the concepts and relationships of science to support student learning. The teaching strategies and techniques are based on research and emphasize the need to provide equal opportunities for all learners. Focuses on teaching science through inquiry as defined by state and national standards for science education. Fieldwork is required.</td>
</tr>
<tr>
<td>ED-567</td>
<td>Methods of Teaching Science at the Secondary Level II</td>
<td>3</td>
<td>Prerequisite: ED-560 or ED-566.</td>
<td>All Terms</td>
<td>None</td>
<td>Science methods for initial MAT students at the secondary level. Provides active learning of science concepts through various inquiry activities. Following the learning theories that have produced both the National Science Education 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. Designed for those with a strong background in science. Fieldwork is required.</td>
</tr>
<tr>
<td>ED-576</td>
<td>Teaching Social Studies at the Elementary Level</td>
<td>3</td>
<td>Prerequisites: ED-510, ED-550, and ED-552.</td>
<td>All Terms</td>
<td>None</td>
<td>Introduces the P-8 teacher certification candidates to the social studies curriculum and methods. Emphasizes national and state standards for social studies education cross-curriculum integration, particularly world languages and culture, personal and social problem solving, and situated cognition in social studies education learning. Fieldwork is required.</td>
</tr>
</tbody>
</table>
ED-578 Methods of Teaching English at the Secondary Level Credits: 3  
Prerequisites: ED-510, ED-550, and ED-552.  
Course Type(s): None  
Prepares candidates to teach English/language arts at the secondary level (grades 7-12) by providing the essential knowledge, skills, and strategies grounded in research and related to effective classroom instruction. Emphasizes the use of literature and the integration of the components of literacy, namely reading, listening, speaking, and viewing. The New Jersey Core Curriculum Standards will be an integral part of the course. Fieldwork is required.

ED-579 Teaching Social Studies and Cultural Education at the Secondary Level Credits: 3  
Prerequisites: ED-510, ED-550, and ED-552.  
Term Offered: All Terms  
Course Type(s): None  
Introduces the middle- and secondary-level teacher certification candidate to social studies curriculum and methods. Emphasizes national and state standards for social education curriculum across the social science disciplines. Fieldwork is required.

ED-580 Secondary Social Studies Education Part II Credits: 3  
Prerequisite: ED-560 or ED-579.  
Term Offered: All Terms  
Course Type(s): None  
Expands and further develops competencies covered in Part I. Instructional methodologies focusing on a constructivist, student-centered approach will be explored. Targets strategies for future secondary teachers to meet the New Jersey Core Curriculum Content Standards for Social Studies including: 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 effective use of community-based resources. Fieldwork is required.

ED-582 World Language Education Credits: 3  
Prerequisites: ED-529, ED-550, and FO-599.  
Term Offered: All Terms  
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  
Prerequisites: ED-529, ED-550, and EN-563.  
Term Offered: All Terms  
Course Type(s): MAT  
With an emphasis on teaching English through content, Part I of this two-semester course introduces the history of ESL teaching and critically explores exemplary curriculum designs and methods of teaching ESL. A wide range of ESL instructional strategies 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. Fieldwork is required.

ED-584 Theories and Practice of ESL Instruction Part II Credits: 3  
Prerequisite: ED-583.  
Term Offered: All Terms  
Course Type(s): None  
A continuation of Part I, examines public issues pertinent to ESL education with an emphasis on making connections between theories or research findings and classroom practice. While more approaches to ESL instruction will be introduced, a wide range of ESL instructional materials, services, and assessment measures will be introduced and explored. Fieldwork is required.

ED-585 Methods of Teaching English at the Secondary Level Part II Credits: 3  
Prerequisite: ED-560 or ED-578.  
Term Offered: All Terms  
Course Type(s): None  
A continuation of Part I. Expands teacher candidates’ understanding of the intricacies of curriculum design and planning and builds their teaching competencies in English/Language Arts at the secondary level (grades 7-12). Teacher candidates will have increased opportunities to apply theory and refine practice in the use of print and nonprint texts and in the integration of the English Language Arts. The NCTE/IRA English Language Arts Standards and the New Jersey Core Curriculum Standards for Language Arts/Literacy will be applied throughout the course. Fieldwork is required.

ED-586 Bilingual Education: Theories and Practices Credits: 3  
Prerequisite: 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. Fieldwork is required.

ED-587 Integrated Methods in K-12 Education Credits: 3  
Prerequisites: ED-510, ED-550, ED-552, and a minimum GPA of 3.00.  
Term Offered: All Terms  
Course Type(s): None  
In-depth understanding and application of curriculum and instruction in K-12 education. Fieldwork is required.

ED-593 Student Teaching Credits: 9  
Prerequisites: Passing score on the appropriate Praxis test(s) prior to registration and completion of all coursework.  
Term Offered: All Terms  
Course Type(s): None  
Student teaching for teacher candidates provides experiences with regular and special education students. Under college supervision and working with a cooperative teacher, student teacher candidates assume full responsibility for lesson planning and teaching. Permission of the MAT Director is required to register.

ED-594 Supervised Student Teaching Credits: 9  
Prerequisites: Passing score on the appropriate Praxis test(s) prior to registration and completion of all coursework.  
Term Offered: All Terms  
Course Type(s): None  
Student teaching for teacher candidates provides experiences with regular and special education students. Under college supervision and working with a cooperative teacher, student teacher candidates assume full responsibility for lesson planning and teaching. Permission of the MAT Director is required to register.
ED-596  Methods of Teaching Health K-12  Credits: 3
Prerequisites: ED-510, ED-550, and ED-552.
Term Offered: All Terms
Course Type(s): None
Focuses on the planning, development, and teaching of health education in K-12 school settings. Emphasis will be placed on using recent data and contextual information to design instruction that focuses on the importance of exercise, family and community, school and work environments, and diet to promoting and maintaining good health throughout life for students with diverse needs and from diverse backgrounds. Fieldwork is required.

ED-597  Methods of Teaching Physical Education K-12  Credits: 3
Prerequisites: ED-510, ED-550, and ED-552.
Term Offered: All Terms
Course Type(s): None
Designed to present current methods and techniques of teaching physical education to students in grades K-12. Particular attention will be on new techniques for adjusting tasks for a wide variety of children’s interests, abilities, and learning styles, and ensuring safe use of equipment in physical education. In addition, lifetime sports and activities for students with diverse needs and from diverse backgrounds will be highlighted. Fieldwork is required.

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.

ED-599  Independent Study in Education  Credits: 1-3
Term Offered: AllTerms
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.

ED-606  Diversity in Education  Credits: 3
Term Offered: All Terms
Course Type(s): MAT
Dealing with cultural differences in multi-ethnic and pluralistic school settings. The nature of the school as a social system.

ED-608  Curriculum in the Classroom  Credits: 3
Term Offered: All Terms
Course Type(s): None
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: All Terms
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: All Terms
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: All Terms
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): None
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): None
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: ED-624.
Term Offered: All Terms
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: All Terms  
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.

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  
Content focuses on principles, methods, and materials applicable to teaching, reading, and writing to the beginning and skilled reader. Topics will include current approaches for developing literacy within a diverse population of learners. Comprehension, content, and vocabulary strategies are presented. The writing process and writer's workshop are explored. Prepares students for participation in school-based experience. Fieldwork is required.

EDL-505  Advanced Literacy Instruction  Credits: 3  
Term Offered: All Terms  
Course Type(s): 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 learners in a literate environment and assisting and supporting colleagues and paraprofessionals. Word identification, vocabulary, comprehension, and content strategies will be presented.

EDL-515  Literacy Strategies for All Learners I  Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
Explores word identification and vocabulary research and instructional strategies for all learners including those from culturally diverse backgrounds. Individual and group instructional techniques in the area of phonemic awareness, phonics, word recognition, vocabulary, and fluency are explored in environments that promote collaboration and self-regulation. Instructional teaching strategies and techniques for coaching colleagues and paraprofessionals are practiced in real settings.

EDL-516  Literacy Strategies for All Learners II  Credits: 3  
Term Offered: All Terms  
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: All Terms
Course Type(s): None
Focuses on multicultural literature and how it is integrated into a classroom and/or school-wide literacy program. A wide array of multicultural literature and other genres for children and young adults will be presented, studied and integrated into a Teacher Work Sample. Coaching colleagues and paraprofessionals is emphasized.

EDL-526 Strategies for Teaching Writing, K-12 Credits: 3
Term Offered: All Terms
Course Type(s): None
Provides an in-depth study of strategies for teaching various types of writing to elementary and secondary students. It involves assessing and instructing students who require assistance with the development of written expressive language under the direction of a University supervisor.

EDL-527 Literacy Trends and Issues Credits: 3
Term Offered: All Terms
Course Type(s): None
Focuses on issues, problems, and trends in the field of literacy. The content includes the study of divergent viewpoints and research regarding theories, instructional strategies, assessment, classroom environment and professional development.

EDL-551 The In's and Out's and Do's and Don'ts of Embracing Technology Tools in the Classroom Credits: 3
Term Offered: 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
Prerequisites: EDL-551 and EDL-552.
Term Offered: All Terms
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
Prerequisites: EDL-551 and EDL-552.
Term Offered: All Terms
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: 4
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: All Terms
Course Type(s): None
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: EDL-564.
Term Offered: All Terms
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
Prerequisites: ED-510, ED-550, ED-552 and EDL-503.
Term Offered: All Terms
Course Type(s): None
Provides candidates with the knowledge of language as a medium for teaching and learning. Candidates will be introduced to strategies that facilitate an integrated approach to language arts and content literacy instruction. The use of literature in all content areas will be explored, leading to a better understanding of the interdisciplinary approach to learning at the elementary level. Fieldwork is required.

EDL-585  Practicum in Literacy  Credits: 3
Prerequisites: 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: 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)

Requirements (18 credits)
ED-510  Foundations of Education  3
ED-550  Teaching Diverse Populations  3
ED-552  Child and Adolescent Development  3
ED-529  Content Literacy  3
ED-587  Integrated Methods in K-12 Education  3
Select one of the following:  3
ED-599  Independent Study in Education
AR-599  Independent Study in Art
MU-599  Independent Study in Music

Electives (18 credits)
Select three of the following:  9
ED-524  Research in Teaching Practice
ED-583  Theories and Practice of ESL Instruction Part I
ED-599  Independent Study in Education
ED-606  Diversity in Education
EDS-534  Classroom Management in Inclusive Settings
EDS-535  Technology and Students with Disabilities
ED-593  Student Teaching 1  9
or ED-594  Supervised Student Teaching

Total Credits  36

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

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

Requirements (18 credits)
ED-510  Foundations of Education  3
ED-550  Teaching Diverse Populations  3
ED-552  Child and Adolescent Development  3
ED-529  Content Literacy  3
ED-596  Methods of Teaching Health K-12  3
ED-597  Methods of Teaching Physical Education K-12  3

Electives (18 credits)
Select three of the following:  9
ED-606  Diversity in Education
ED-583  Theories and Practice of ESL Instruction Part I
EDS-534  Classroom Management in Inclusive Settings
EDS-535  Technology and Students with Disabilities
ED-524  Research in Teaching Practice
Monmouth University

### MAT Initial Certification, Early Childhood Elementary Track (P-3 Early Childhood Certification with Elementary K-6 Certification)

**Requirements (40 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510</td>
<td>Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ED-502</td>
<td>Development and Learning in Early Childhood</td>
<td>3</td>
</tr>
<tr>
<td>EDL-522</td>
<td>Early Literacy and Language Development</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>ED-550</td>
<td>Teaching Diverse Populations</td>
<td>3</td>
</tr>
<tr>
<td>EDL-560</td>
<td>Early Childhood Curriculum Assessment for Inclusive Environments</td>
<td>4</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>ED-593</td>
<td>Student Teaching</td>
<td>9</td>
</tr>
<tr>
<td>or ED-594</td>
<td>Supervised Student Teaching</td>
<td></td>
</tr>
</tbody>
</table>

**Total Credits**: 40

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

### Note

- The P-3, K-6 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.

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

**Requirements (45 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510</td>
<td>Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ED-552</td>
<td>Child and Adolescent Development</td>
<td>3</td>
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<tr>
<td>ED-550</td>
<td>Teaching Diverse Populations</td>
<td>3</td>
</tr>
<tr>
<td>EDL-503</td>
<td>Literacy Instruction</td>
<td>3</td>
</tr>
<tr>
<td>EDL-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>ED-593</td>
<td>Student Teaching</td>
<td>9</td>
</tr>
<tr>
<td>or ED-594</td>
<td>Supervised Student Teaching</td>
<td></td>
</tr>
</tbody>
</table>

**Total Credits**: 45

*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.
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.

MAT Initial Certification, Elementary Track (K-6 Elementary Certification) with Endorsement in Teacher of Students with Disabilities

Requirements (48 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510</td>
<td>Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ED-552</td>
<td>Child and Adolescent Development</td>
<td>3</td>
</tr>
<tr>
<td>ED-550</td>
<td>Teaching Diverse Populations</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>
<tr>
<td>ED-593</td>
<td>Student Teaching 1 or ED-594</td>
<td>9</td>
</tr>
</tbody>
</table>

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.

MAT Initial Certification, Elementary Track and Middle School Endorsement Track (K-6 Certification with Content Specialization Endorsement 5-8)

Elementary Track and Middle School Endorsements in: English, Social Studies, Science or Mathematics

Requirements (39 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510</td>
<td>Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ED-550</td>
<td>Teaching Diverse Populations</td>
<td>3</td>
</tr>
<tr>
<td>ED-552</td>
<td>Child and Adolescent Development</td>
<td>3</td>
</tr>
<tr>
<td>ED-528</td>
<td>Middle Level Learning and Teaching</td>
<td>3</td>
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<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>

Content Methods I

Select one of the following:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-578</td>
<td>Methods of Teaching English at the Secondary Level</td>
<td>3</td>
</tr>
<tr>
<td>ED-564</td>
<td>Preparing for School Mathematics: Secondary</td>
<td></td>
</tr>
<tr>
<td>ED-566</td>
<td>Methods of Teaching Science at the Secondary Level 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>
<tr>
<td>ED-593</td>
<td>Student Teaching 1 or ED-594</td>
<td>9</td>
</tr>
</tbody>
</table>

Total Credits 39

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

Note

- Fifteen (15) semester hour credits in a Content Area related to the NJ Core Curriculum Content Standards required.

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

Requirements (21 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510</td>
<td>Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ED-550</td>
<td>Teaching Diverse Populations</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Credits 21

1 Students must complete the appropriate test requirement(s) with a passing score prior to student/supervised teaching.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-552</td>
<td>Child and Adolescent Development</td>
<td>3</td>
</tr>
<tr>
<td>ED-529</td>
<td>Content Literacy</td>
<td>3</td>
</tr>
<tr>
<td>FO-599</td>
<td>Independent Studies in the Teaching of World Languages</td>
<td>3</td>
</tr>
<tr>
<td>ED-599</td>
<td>Independent Study in Education</td>
<td>3</td>
</tr>
<tr>
<td>or FS-599</td>
<td>Independent Study in Spanish</td>
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</tr>
<tr>
<td>ED-582</td>
<td>World Language Education</td>
<td>3</td>
</tr>
<tr>
<td>FO-LTIOPI</td>
<td>Oral Proficiency Interview</td>
<td>0</td>
</tr>
<tr>
<td></td>
<td>Spanish (Advanced Low)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Chinese (Interm. High)</td>
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<tr>
<td>Electives</td>
<td></td>
<td>6</td>
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<tr>
<td>ED-524</td>
<td>Research in Teaching Practice</td>
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<tr>
<td>ED-583</td>
<td>Theories and Practice of ESL Instruction Part I</td>
<td></td>
</tr>
<tr>
<td>ED-599</td>
<td>Independent Study in Education</td>
<td></td>
</tr>
<tr>
<td>ED-606</td>
<td>Diversity in Education</td>
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</tr>
<tr>
<td>EDS-534</td>
<td>Classroom Management in Inclusive Settings</td>
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<tr>
<td>EDS-535</td>
<td>Technology and Students with Disabilities</td>
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</tr>
<tr>
<td>ED-593</td>
<td>Student Teaching 2</td>
<td>9</td>
</tr>
<tr>
<td>or ED-594</td>
<td>Supervised Student Teaching</td>
<td></td>
</tr>
</tbody>
</table>

1. *LTI-OPI* taken with Language Testing International at [www.languagetesting.com](http://www.languagetesting.com)
2. *Students must complete the appropriate test requirement(s) with a passing score prior to student/supervised teaching.*

---

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

#### Subject Endorsements in: Biology, Chemistry, English, Mathematics, Physical Science, and Social Studies

**Requirements (12 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510</td>
<td>Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ED-550</td>
<td>Teaching Diverse Populations</td>
<td>3</td>
</tr>
<tr>
<td>ED-552</td>
<td>Child and Adolescent Development</td>
<td>3</td>
</tr>
<tr>
<td>ED-529</td>
<td>Content Literacy</td>
<td>3</td>
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</tbody>
</table>

**Content Methods (27 credits)**

Select two of the following Content Methods courses:

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</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>Preparing for School Mathematics: Secondary</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>
MAT Initial Certification, Secondary Track (9-12 Certification and Subject Endorsement) with Endorsement in Teacher of Students with Disabilities

**Subject Endorsements in: Biology, Chemistry, English, Mathematics, Physical Science, and Social Studies**

**Requirements (12 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510</td>
<td>Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ED-550</td>
<td>Teaching Diverse Populations</td>
<td>3</td>
</tr>
<tr>
<td>ED-552</td>
<td>Child and Adolescent Development</td>
<td>3</td>
</tr>
<tr>
<td>ED-529</td>
<td>Content Literacy</td>
<td>3</td>
</tr>
</tbody>
</table>

**Content Methods (6 credits)**

- Select two of the following Content Methods courses: 6 credits
  - ED-566: Methods of Teaching Science at the Secondary Level I
  - ED-578: Methods of Teaching English at the Secondary Level
  - ED-564: Preparing for School Mathematics: Secondary
  - ED-579: Teaching Social Studies and Cultural Education at the Secondary Level

**MSEd Literacy**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EDL-515</td>
<td>Advanced Literacy Instruction</td>
<td>3</td>
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</tbody>
</table>

EDS-534: Classroom Management in Inclusive Settings 3 credits
EDS-535: Technology and Students with Disabilities 3 credits
EDS-537: Collaborating with Families, Students, and Professionals in Community and Educational Settings 3 credits
EDS-552: Methods of Teaching Students with Disabilities 3 credits
EDS-572: Assessment Strategies and Applications in the Classroom 3 credits
ED-593: Student Teaching 1 9 credits
or ED-594: Supervised Student Teaching 9 credits

Total Credits 39

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

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

**Requirements (39 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510</td>
<td>Foundations of Education</td>
<td>3</td>
</tr>
<tr>
<td>ED-550</td>
<td>Teaching Diverse Populations</td>
<td>3</td>
</tr>
<tr>
<td>ED-552</td>
<td>Child and Adolescent Development</td>
<td>3</td>
</tr>
<tr>
<td>ED-529</td>
<td>Content Literacy</td>
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<tr>
<td>FO-599</td>
<td>Independent Studies in the Teaching of World Languages</td>
<td>3</td>
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<tr>
<td>ED-599</td>
<td>Independent Study in Education</td>
<td>3</td>
</tr>
<tr>
<td>or FS-599</td>
<td>Independent Study in Spanish</td>
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</tr>
<tr>
<td>ED-582</td>
<td>World Language Education</td>
<td>3</td>
</tr>
<tr>
<td>FO-LTIOP1</td>
<td>Oral Proficiency Interview 1</td>
<td>0</td>
</tr>
<tr>
<td>Spanish (Advanced Low)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Chinese (Interm. High)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>ED-563</td>
<td>Assessment and Treatment of Literacy Problems</td>
<td>3</td>
</tr>
<tr>
<td>or ED-536</td>
<td>Applied Linguistics for Language Teaching</td>
<td></td>
</tr>
<tr>
<td>ED-606</td>
<td>Diversity in Education</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>Student Teaching 2</td>
<td>9</td>
</tr>
<tr>
<td>or ED-594</td>
<td>Supervised Student Teaching</td>
<td></td>
</tr>
</tbody>
</table>

Total Credits 39

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

**EDS-534** Classroom Management in Inclusive Settings 3 credits
**EDS-535** Technology and Students with Disabilities 3 credits
**EDS-537** Collaborating with Families, Students, and Professionals in Community and Educational Settings 3 credits
**EDS-552** Methods of Teaching Students with Disabilities 3 credits
**EDS-572** Assessment Strategies and Applications in the Classroom 3 credits
**ED-593** Student Teaching 1 9 credits
or **ED-594** Supervised Student Teaching 9 credits

Total Credits 39

1. Students must complete the appropriate test requirement(s) with a passing score prior to student/supervised teaching.
### Master of Education (MEd)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDL-516</td>
<td>Literacy Strategies for All Learners I</td>
<td>3</td>
</tr>
<tr>
<td>EDL-517</td>
<td>Literacy Strategies for All Learners II</td>
<td>3</td>
</tr>
<tr>
<td>EDL-525</td>
<td>Multicultural Literature and Literacy</td>
<td>3</td>
</tr>
<tr>
<td>EDL-526</td>
<td>Strategies for Teaching Writing, K-12</td>
<td>3</td>
</tr>
<tr>
<td>EDL-527</td>
<td>Literacy Trends and Issues</td>
<td>3</td>
</tr>
<tr>
<td>EDL-564</td>
<td>Assessment and Instruction in Literacy I</td>
<td>3</td>
</tr>
<tr>
<td>EDL-565</td>
<td>Assessment and Instruction in Literacy II</td>
<td>3</td>
</tr>
<tr>
<td>EDL-585</td>
<td>Practicum in Literacy</td>
<td>3</td>
</tr>
<tr>
<td>EDL-593</td>
<td>Administration and Supervision of Literacy Practices and Professional Development for School Leaders</td>
<td>3</td>
</tr>
</tbody>
</table>

**Total Credits:** 30

### Certificate in TESOL

**Requirements (18 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN-563</td>
<td>Linguistics and the English Language</td>
<td>3</td>
</tr>
<tr>
<td>or ED-536</td>
<td>Applied Linguistics for Language Teaching</td>
<td></td>
</tr>
<tr>
<td>ED-606</td>
<td>Diversity in Education</td>
<td>3</td>
</tr>
<tr>
<td>ED-608</td>
<td>Curriculum in the Classroom</td>
<td>3</td>
</tr>
<tr>
<td>ED-610</td>
<td>Education in a Democratic Society</td>
<td>3</td>
</tr>
<tr>
<td>ED-624</td>
<td>Research in Teaching Practice</td>
<td>3</td>
</tr>
<tr>
<td>ED-626</td>
<td>Assessment Practice Now and When</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>15 Credits of Advisor Approved Coursework in an Area of Interest</td>
<td>15</td>
</tr>
</tbody>
</table>

**Total Credits:** 30

### Early Childhood Graduate Endorsement

**Requirements (13 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDL-502</td>
<td>Development and Learning in Early Childhood</td>
<td>3</td>
</tr>
<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>4</td>
</tr>
</tbody>
</table>

**Total Credits:** 13

### English as a Second Language (ESL) Graduate Endorsement

**Requirements (18 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN-563</td>
<td>Linguistics and the English Language</td>
<td>3</td>
</tr>
<tr>
<td>or ED-536</td>
<td>Applied Linguistics for Language Teaching</td>
<td></td>
</tr>
<tr>
<td>ED-606</td>
<td>Diversity in Education</td>
<td>3</td>
</tr>
<tr>
<td>EDL-575</td>
<td>Methods of Teaching Language Arts and Content Literacy at the Elementary Level</td>
<td>3</td>
</tr>
<tr>
<td>or ED-529</td>
<td>Content Literacy</td>
<td></td>
</tr>
<tr>
<td>ED-550</td>
<td>Teaching 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>
</tr>
</tbody>
</table>

**Total Credits:** 18

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

**Requirements (24 credits)**

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ED-510</td>
<td>Foundations of Education</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>FO-599</td>
<td>Independent Studies in the Teaching of World Languages</td>
<td>3</td>
</tr>
<tr>
<td>ED-599</td>
<td>Independent Study in Education</td>
<td>3</td>
</tr>
<tr>
<td>FO-LTIOP1</td>
<td>Oral Proficiency Interview (Interm. High)</td>
<td>1</td>
</tr>
<tr>
<td>ED-593</td>
<td>Student Teaching</td>
<td>9</td>
</tr>
</tbody>
</table>

**Total Credits:** 24

### 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 (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.
1 LTIOPI taken with Language Testing International at www.languagetesting.com
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.

Educational Counseling and Leadership
Chair: Jose Miguel Maldonado, Department of Educational Counseling and Leadership

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 Principal/School Administrator/Supervisor (p. 135)
- MSEd Principal/Supervisor (p. 136)
- MSEd School Counseling (p. 136)
- MSEd Student Affairs and College Counseling (p. 136)

Endorsements
- Director of School Counseling Services Post-Master’s Endorsement (p. 137)
- Student Assistance Coordinator Graduate Endorsement (p. 137)
- Supervisor’s Post-Master’s Endorsement (p. 137)

Faculty
Jose Miguel Maldonado, Associate Professor and Chair (Graduate Faculty), BA, East Stroudsburg University; MEd, Lehigh University; MS, Wilkes University; PhD, University of Arkansas. Areas of interest include clinical supervision, violence prevention and school counseling.
jmaldona@monmouth.edu

Tina Paone, Associate Professor (Graduate Faculty), BA, University of Tampa; MA, PhD, 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), PhD, 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), BA, Ramapo College of New Jersey; MA, PhD, Montclair State University. Professor interests include college student development, first generation college students, and career development.
npulliam@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: All Terms
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: All Terms
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-520  Advanced Topics in Race and Racism  Credits: 3
Prerequisite: 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.

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: 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 multicultural and 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
Prerequisites: 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-545  Career Development and Counseling  Credits: 3
Prerequisites: Educational Counseling 500, 505, and 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.

EDC-550  Counseling At-Risk Children and Families  Credits: 3
Prerequisites: 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
Prerequisites: 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
Prerequisites: EDC-500, EDC-505, and EDC-530.
Term Offered: All Terms
Course Type(s): None
Explores foundational concepts, theories, and models fundamental to the administration of supervision of school counselors, and student service professionals within an educational environment. Multidimensional approaches will be studied, 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-555 Supervision of Counselors Credits: 3
Term Offered: All Terms
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: All Terms
Course Type(s): None
A comprehensive approach to assessment and treatment planning with alcohol and drug-affected students, including the intake interview, clinical assessment, and administration and interpretation of formal and informal instruments. Attention is given to the roles of the substance awareness coordinator and the counselor in assessment, referral, and intervention.

EDC-580 Behavioral Issues in Counseling Credits: 3
Term Offered: All Terms
Course Type(s): None
Designed to explore the contemporary behavioral issues that affect preschool through university level students and their families. Emphasis will be placed on a comprehensive understanding of commonly encountered behavioral issues such as ADD/ADHD, Persuasive Development Disorders, and Mood Disorders. Students will learn the process of identification, assessment, intervention, and follow-up of working with students with such issues.

EDC-598 Special Topics in Educational Counseling Credits: 3
Term Offered: All Terms
Course Type(s): None
The subject matter varies with the interest of the students and the professor. The exact nature of the topic covered in any given semester is indicated on the student's transcript.

EDC-599 Independent Study in Educational Counseling Credits: 3
Prerequisites: Prior permission of the directing professor and department chair.
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. Application must be filed before registration.

EDC-600 Practicum in Counseling Credits: 3
Prerequisites: 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
Prerequisites: EDC-500, EDC-505, EDC-520, EDC-530, EDC-535, EDC-540, EDC-600 and completion of twenty-four credits.
Corequisite: EDC-CPE.
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. 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
Prerequisites: EDC-500, EDC-505, EDC-520, EDC-530, EDC-535, EDC-540, EDC-600 and completion of twenty-four credits.
Corequisite: EDC-CPE.
Term Offered: All Terms
Course Type(s): None
An intensive supervised 100-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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Prerequisites</th>
<th>Corequisites</th>
<th>Term Offered</th>
<th>Course Type(s)</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EDC-602A</td>
<td>Internship in Counseling II: School Counseling</td>
<td>3</td>
<td>EDC-601A or EDC-601B</td>
<td>EDC-CPE</td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
</tr>
<tr>
<td>EDC-602B</td>
<td>Internship in Counseling II: Student Affairs/College Counseling</td>
<td>3</td>
<td>EDC-601A or EDC-601B</td>
<td>EDC-CPE</td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
</tr>
<tr>
<td>EDC-604</td>
<td>Clinical Practice in Addiction</td>
<td>3</td>
<td></td>
<td></td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
</tr>
<tr>
<td>EDC-605</td>
<td>Clinical Practice with Families and Children</td>
<td>3</td>
<td></td>
<td></td>
<td>All Terms</td>
<td>None</td>
<td>Provides a historical perspective on family-centrered practice. Introduces major theories and intervention types that are the foundation for clinical work with diverse families. Also listed as SW-605.</td>
</tr>
<tr>
<td>EDC-610</td>
<td>SAC Internship</td>
<td>3</td>
<td>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</td>
<td>EDC-CPE</td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
</tr>
<tr>
<td>EDL-504</td>
<td>Introduction to Educational Leadership and Supervision for Student Learning P-12</td>
<td>3</td>
<td></td>
<td></td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
</tr>
<tr>
<td>EDL-530</td>
<td>School Law and Policy</td>
<td>3</td>
<td></td>
<td></td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
</tr>
<tr>
<td>EDL-531</td>
<td>Economics and School Business Leadership</td>
<td>3</td>
<td></td>
<td></td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
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<td>EDL-532</td>
<td>Human Resource Management and School Finance</td>
<td>3</td>
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<td>All Terms</td>
<td>None</td>
<td>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.</td>
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<td>EDL-533</td>
<td>Community Relations</td>
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<td>None</td>
<td>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.</td>
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<td>EDL-534</td>
<td>Principles of Accounting for School Business Administrators</td>
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<td>All Terms</td>
<td>None</td>
<td>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.</td>
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</tbody>
</table>
EDL-537 Technology for School Leaders 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): None
Examining models of curriculum development, candidates evaluate, design and develop effective curricula to support the instructional process and enhance student learning experiences.

EDL-538 Instructional Theory and Leadership for Student Learning Credits: 3
Term Offered: All Terms
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-539 Instructional Theory and Leadership for Student Learning Credits: 3
Term Offered: All Terms
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-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.

EDL-569 Public School Supervision and Communication Credits: 3
Prerequisite: EDL-536 or EDL-565.
Term Offered: All Terms
Course Type(s): None
Aspiring supervisors and principals will develop a greater understanding of the knowledge, interpersonal skills, and technical processes necessary to provide developmental supervision and professional growth experiences for staff members.

EDL-582 Practicum in Supervision and Curriculum P-12 Credits: 3
Prerequisite: 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 Credits: 3
Prerequisite: EDL-569.
Corequisite: EDL-590A.
Term Offered: All Terms
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: EDL-588.
Corequisite: EDL-590B.
Term Offered: All Terms
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
Corequisite: EDL-588.
Term Offered: All Terms
Course Type(s): None
Designed to occur over one semester and culminate in the accruing of 150 internship hours out of the required 300 internship hours required for certification. These hours must be done under the guidance of a building principal and involve the day-to-day responsibilities and activities of the building principal. The first 150 hours may be done in the candidates own building. The second 150 hours must be done in a diverse school setting different from the candidates previous setting (different grade configuration). Candidates will provide weekly logs and reflections.

EDL-590B Internship for School Leadership (P-12) II Credits: 1
Corequisite: EDL-589.
Term Offered: All Terms
Course Type(s): None
Designed to occur over one semester and culminate in the accruing of 150 internship hours out of the required 300 internship hours required for certification. These hours must be done under the guidance of a building principal and involve the day-to-day responsibilities and activities of the building principal. The first 150 hours may be done in the candidates own building. The second 150 hours must be done in a diverse school setting different from the candidates previous setting (different grade configuration). Candidates will provide weekly logs and reflections.

EDL-598 Special Topics in Educational Leadership Credits: 3
Prerequisite: Permission of the program director is required.
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.
Introduction to Educational Leadership and program evaluation. With the larger political, administrative, and financial issues that occur in programs will be the primary focus of the course. Presents students a range of activities involved in designing and implementing educational programs or on the continuation of existing programs. Research of evaluation research. Students will be exposed to the basic principles of descriptive and inferential statistics, and the development of a research project.

EDL-601 Research Methodology and Applications I Credits: 3
Term Offered: All Terms
Course Type(s): None
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.

EDL-602 Research Methodology and Applications II Credits: 3
Prerequisite: EDL-601.
Term Offered: All Terms
Course Type(s): None
This course is designed to extend students’ understanding of research methodological knowledge and techniques presented in EDL-601 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: All Terms
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: 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: EDL-589.
Term Offered: All Terms
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 Psychological Counseling 671 and Social Work 671.

EDL-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 Psychological Counseling 672 and Social Work 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 Psychological Counseling 673 and Social Work 673.

EDL-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 Psychological Counseling 674 and Social Work 674.

EDL-699 Independent Study in Educational Leadership Credits: 1-3
Prerequisite: Prior permission of the directing professor and department chair.
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. Application must be filed before registration.

MSEd Principal/School Administrator/Supervisor

Requirements (35 credits)

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<tr>
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<th>Course Title</th>
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<td></td>
<td>Supervision for Student Learning P-12</td>
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<td>EDL-536</td>
<td>Curriculum Development and Design</td>
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<td>EDL-538</td>
<td>Placement and Inclusion of Children and Students</td>
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<td>EDL-540</td>
<td>English Language Proficiency for International</td>
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<td>EDL-545</td>
<td>Transitional Education Courses for Students</td>
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### MSEd Principal/Supervisor

**Requirements (32 credits)**

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<td>Introduction to Educational Leadership and Supervision for Student Learning P-12</td>
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<td>EDL-536</td>
<td>Curriculum Development and Design</td>
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<td>EDL-569</td>
<td>Public School Supervision and Communication</td>
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<td>EDL-593</td>
<td>Administration and Supervision of Literacy Practices and Professional Development for School Leaders</td>
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<td>EDL-530</td>
<td>School Law and Policy</td>
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<td>Human Resource Management and School Finance</td>
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<td>Community Relations</td>
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<td>Research Based Program Evaluation and Decision Making</td>
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### MSEd School Counseling

**Requirements (48 credits)**

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<td>EDC-505</td>
<td>Counseling and Ethical Practice</td>
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<td>EDC-510</td>
<td>Human Growth and Development</td>
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<td>EDC-540</td>
<td>Group Counseling</td>
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<td>EDC-530</td>
<td>Counseling Theory and Practice</td>
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<td>EDC-545</td>
<td>Behavioral Issues in Counseling</td>
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<td>EDC-555</td>
<td>School Counseling Program Planning and Consultation</td>
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<td>Introduction to College Student Development and Student Affairs</td>
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### MSEd Student Affairs and College Counseling

**Requirements (48 credits)**

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<td>EDC-510</td>
<td>Human Growth and Development</td>
<td>3</td>
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<tr>
<td>EDC-540</td>
<td>Group Counseling</td>
<td>3</td>
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<tr>
<td>EDC-530</td>
<td>Counseling Theory and Practice</td>
<td>3</td>
</tr>
<tr>
<td>EDC-545</td>
<td>Behavioral Issues in 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>
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<tr>
<td>EDC-525</td>
<td>Assessment for Counseling</td>
<td>3</td>
</tr>
<tr>
<td>EDC-560</td>
<td>Practicum in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>EDC-601A</td>
<td>Internship in Counseling I: Student Affairs/College Counseling</td>
<td>3</td>
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<tr>
<td>EDC-602B</td>
<td>Internship in Counseling II: Student Affairs/College Counseling</td>
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<tr>
<td>EDC-CPE</td>
<td>Counseling Preparatory Comprehensive Examination</td>
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<td>EDC-580</td>
<td>Behavioral Issues in Counseling</td>
<td>3</td>
</tr>
<tr>
<td>EDC-601</td>
<td>Research Methodology and Applications I</td>
<td>3</td>
</tr>
<tr>
<td>EDC-501</td>
<td>Introduction to College Student Development and Student Affairs</td>
<td>3</td>
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<td>EDC-500</td>
<td>Introduction to Professional Counseling</td>
<td>3</td>
</tr>
<tr>
<td>EDC-544</td>
<td>Leadership and Administration of Campus Environments</td>
<td>3</td>
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<tr>
<td><strong>Total Credits</strong></td>
<td></td>
<td><strong>48</strong></td>
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</tbody>
</table>

### Note

- Completion of this program does not qualify student for LPC Certification.  
- Completion of this program does not qualify student for LPC Certification or K-12 School Counselor Certification.
## Director of School Counseling Services Post-Master's Endorsement

**Requirements (9 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>EDL-530</td>
<td>School Law and Policy</td>
<td>3</td>
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<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>
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</table>

**Total Credits: 9**

## Student Assistance Coordinator Graduate Endorsement

**Requirements (21 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>PC-540</td>
<td>Introduction to Alcohol and Drug Abuse</td>
<td>3</td>
</tr>
<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>
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</tr>
<tr>
<td>SW-509</td>
<td>Human Behavior in the Social Environment 1</td>
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</tr>
<tr>
<td>PC-546</td>
<td>Substance Awareness in the Schools</td>
<td>3</td>
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<tr>
<td>or SW-628</td>
<td>School Social Work</td>
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Select one of the following:

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>PC-542</td>
<td>Treatment of Alcohol and Drug Abuse</td>
</tr>
<tr>
<td>EDC/SW-604</td>
<td>Clinical Practice in Addiction</td>
</tr>
<tr>
<td>PC-510</td>
<td>Community Mental Health</td>
</tr>
<tr>
<td>or SW-518</td>
<td>Global Community Practice</td>
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Select one of the following:

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<th>Title</th>
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<tbody>
<tr>
<td>PC-680</td>
<td>Clinical Internship in Professional Counseling</td>
</tr>
<tr>
<td>EDC-610</td>
<td>SAC Internship</td>
</tr>
<tr>
<td>SW-630</td>
<td>Field Practicum III FC</td>
</tr>
<tr>
<td>EDC-555</td>
<td>School Counseling Program Planning and Consultation</td>
</tr>
</tbody>
</table>

**Total Credits: 21**

## Supervisor Post-Master's Endorsement

**Requirements (12 credits)**

<table>
<thead>
<tr>
<th>Course</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>
</tbody>
</table>

**Total Credits: 12**

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## Special Education

**Chair:** Stacy Lauderdale-Littin, Department of Special Education

**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. 140)
- MSEd Special Education - Learning Disabilities Teacher-Consultant Track (p. 140)
- MSEd Special Education - Teacher of Students with Disabilities Track (p. 141)
- MSEd Special Education - Teaching in Inclusive Settings Track (p. 141)

#### Certificates

- Applied Behavior Analysis (ABA) (p. 141)
- Autism (p. 141)

### Endorsements

- Learning Disabilities Teacher-Consultant Post-Master's Endorsement (p. 141)
- Teacher of Students with Disabilities Graduate Endorsement (p. 142)

### Faculty

- **Wendy Harriott,** Associate Professor (Graduate Faculty). Associate Dean of the School of Education. BS, Bloomsburg University; MS, Marywood College; PhD, Pennsylvania State University. Professional interests include special education, behavior management, and inclusive education.
  wharriot@monmouth.edu

- **Stacy Lauderdale-Littin,** Assistant Professor (Graduate Faculty). BS, Clemson University; MA, California State University, Northridge; PhD, 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.

slauserd@monmouth.edu

Courses

EDS-500 Integrated Approach to Foundations of Special Education Credits: 3
Term Offered: All Terms
Course Type(s): MAT
Focuses on topics related to Special Education as a profession. The study of legal, social, 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.

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): None
An appraisal of current practices and issues in the field of special education is conducted through discussion and review of the research literature. Candidates 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: All Terms
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: 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. Fieldwork is 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.

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-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
Prerequisites: EDS-500, EDS-535, EDS-537, and EDS-572.
Term Offered: All Terms
Course Type(s): None
Methods in the field of special education are emphasized. Focus on identifying and creating accommodations and modifications to meet the needs of all students in special education and inclusive settings. (Field experience is 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: EDS-566.
Term Offered: All Terms
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: 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 across the content area; accommodations and adaptations; technology across the curriculum; as well as the learning implications of classroom organization and planning. This course requires demonstration that enrollees are able to evaluate, design, structure and implement instructional techniques and curriculum adaptations for students with learning problems. Field experience is required.)

EDS-570  Assessment and Curricula Interventions and Strategies  Credits: 3
Term Offered: All Terms
Course Type(s): None
A supervised clinical course where candidates develop assessment plans and conduct assessments of students (P-12) who are at risk or who have learning problems. Content includes: evaluation of sound assessment; reliability and validity; formal and informal assessment techniques; administration of norm-referenced and informal tests; analysis of data; and the interpretation of assessment for educational intervention and instructional planning. The knowledge and skills of the educational diagnostician are also emphasized.

EDS-571  Management of Challenging Behaviors  Credits: 3
Term Offered: All Terms
Course Type(s): None
An overview of the use of applied behavior analysis (ABA) for individuals with autism is the main focus of the course. Included are methods to increase behaviors, decrease behaviors, maintain behaviors, and generalize behaviors. Observation skills, data collection, and monitoring effectiveness of interventions are practiced. (Field experience is required.)

EDS-572  Assessment Strategies and Applications in the Classroom  Credits: 3
Term Offered: All Terms
Course Type(s): None
Focuses on the educational assessment of students P-12 who may be at risk or who have been identified as having learning problems. Course content includes a discussion of assessment processes and concerns, importance of early intervention and procedural considerations. The course also includes an emphasis on educational interventions and strategies necessary to create an environment that leads to success for all learners with special needs. Further topics that are presented include accommodations and adaptations; technology across the curriculum; and learning implications of classroom assessments, classroom organization and planning. Candidates must demonstrate that they are able to create informal assessments, analyze data and structure and collaborate about instructional techniques and curriculum adaptations for students with learning problems. (Field experience is required.)

EDS-580  Research Seminar in Autism  Credits: 3
Term Offered: All Terms
Course Type(s): None
Research in the field of autism 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 on autism. Candidates will prepare and implement a comprehensive research project and share the results. (Field experience is required.)

EDS-590  Diagnosis and Correction of Learning Disabilities  Credits: 3
Prerequisites: 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  Credits: 3
Prerequisite: Permission of the program director is required.
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.
EDS-599  Independent Study in Special Education  Credits: 3
Term Offered: All Terms
Course Type(s): None
Independent research in education in an area not substantially treated in a regular course offering, under the supervision of an Education faculty member; written evaluation of the research is required. For students with superior ability.

EDS-601  Applied Behavior Analysis: Selecting, Defining and Measuring Behavior and Evaluating Behavior Change  Credits: 3
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  Credits: 3
Prerequisite: EDS-601.
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
Prerequisites: 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
Prerequisites: 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
Prerequisites: 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
Prerequisites: 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
Prerequisites: EDS-570 and 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

Requirements (12 credits)

EDL-515  Advanced Literacy Instruction  3
EDS-530  Research Issues and Trends in Special Education  3
EDS-535  Technology and Students with Disabilities  3
EDS-537  Collaborating with Families, Students, and Professionals in Community and Educational Settings  3

Autism Requirements (18 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-571  Management of Challenging Behaviors  3
EDS-580  Research Seminar in Autism  3

Total Credits 30

MSEd Special Education - Learning Disabilities Teacher-Consultant Track

Requirements (12 credits)

EDL-515  Advanced Literacy Instruction  3
EDS-530  Research Issues and Trends in Special Education  3
EDS-535  Technology and Students with Disabilities  3
EDS-537  Collaborating with Families, Students, and Professionals in Community and Educational Settings  3
# MSEd Special Education - Teacher of Students with Disabilities Track

**Requirements (12 credits)**
- **EDL-515** Advanced Literacy Instruction 3
- **EDS-530** Research Issues and Trends in Special Education 3
- **EDS-535** Technology and Students with Disabilities 3
- **EDS-537** Collaborating with Families, Students, and Professionals in Community and Educational Settings 3

**Teacher of Students with Disabilities Requirements (18 credits)**
- **EDS-534** Classroom Management in Inclusive Settings 3
- **EDS-572** Assessment Strategies and Applications in the Classroom 3
- **EDS-500** Integrated Approach to Foundations of Special Education 3
- **EDS-522** Accommodating Learners with Special Needs in Inclusive Settings 3
- **EDS-552** Methods of Teaching Students with Disabilities 3
- Select one Special Education or Literacy Elective 3

**Total Credits** 30

# Certificate in Applied Behavior Analysis (ABA)

**Requirements (18 credits)**
- **EDS-601** Applied Behavior Analysis: Selecting, Defining and Measuring Behavior and Evaluating Behavior Change 3
- **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

**Total Credits** 18

# Certificate in Autism

**Requirements (18 credits)**
- **EDS-502** Autism: Characteristics, Etiology, and Current Issues 3
- **EDS-530** Research Issues and Trends in Special Education 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-571** Management of Challenging Behaviors 3

**Total Credits** 18

# MSEd Special Education - Teaching in Inclusive Settings Track

**Requirements (12 credits)**
- **EDL-515** Advanced Literacy Instruction 3
- **EDS-530** Research Issues and Trends in Special Education 3
- **EDS-535** Technology and Students with Disabilities 3
- **EDS-537** Collaborating with Families, Students, and Professionals in Community and Educational Settings 3

**Inclusive Settings Requirements (18 credits)**
- **EDS-522** Accommodating Learners with Special Needs in Inclusive Settings 3
- **EDS-534** Classroom Management in Inclusive Settings 3
- **EDS-550** Learning Theories and Applications in Educational Settings 3
- **EDS-568** Advanced Instructional Methods in Special Education 3
- **EDS-572** Assessment Strategies and Applications in the Classroom 3
- Select one Special Education or Literacy Elective 3

**Total Credits** 30

# Learning Disabilities Teacher-Consultant Post-Master's Endorsement

**Requirements (24 credits)**
- **EDL-515** Advanced Literacy Instruction 3
- **EDS-532** Physiological Aspects of Learning 3
EDS-550 Learning Theories and Applications in Educational Settings 3
EDS-537 Collaborating with Families, Students, and Professionals in Community and Educational Settings 3
EDS-568 Advanced Instructional Methods in Special Education 3
EDS-570 Assessment and Curricula Interventions and Strategies 3
EDS-590 Diagnosis and Correction of Learning Disabilities 3
EDS-610 Internship in Learning Disabilities Teacher-Consultant 3

Total Credits 24

Teacher of Students with Disabilities Graduate Endorsement

Requirements (21 credits)
EDL-515 Advanced Literacy Instruction 3
EDS-535 Technology and Students with Disabilities 3
EDS-537 Collaborating with Families, Students, and Professionals in Community and Educational Settings 3
EDS-500 Integrated Approach to Foundations of Special Education 3
EDS-534 Classroom Management in Inclusive Settings 3
EDS-552 Methods of Teaching Students with Disabilities 3
EDS-572 Assessment Strategies and Applications in the Classroom 3

Total Credits 21

Speech-Language Pathology
Chair: Patricia Remshifski, Department of Speech Language Pathology

Master of Science in Education (MSEd)
Please select the Programs tab to review the curriculum requirements for the MSEd in Speech-Language Pathology.

Programs
Masters
• MSEd Speech-Language Pathology (p. 144)

Faculty
Patrizia Bonaventura, Assistant Professor (Graduate Faculty). MA, University of Rome; MA, Universite Paris; PhD, Ohio State University. Research interests include apraxia of speech and autism. pbonaven@monmouth.edu

Elisabeth Mlawski, Assistant Professor (Graduate Faculty). MS, Northern Arizona University; PhD, Seton Hall University. Research interests include effectiveness of treatment, language development across the lifespan, and language and literacy in school-age children. emlawski@monmouth.edu

Erik Raj, Assistant Professor (Graduate Faculty). BS, Stockton University; MS, Misericordia University; PhD, Wayne State University. Research interests include stuttering and clinical applications. eraj@monmouth.edu

Patricia Remshifski, Assistant Professor and Chair (Graduate Faculty). PhD, 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
EDL-600 Professional Issues in Speech-Language Pathology Credits: 3
Term Offered: All Terms
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.

EDL-604 Clinical Methods in Speech-Language Pathology Credits: 3
Term Offered: All Terms
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. This is a pass/fail course.

EDL-610 Neurological Language Disorders and Aphasia Credits: 3
Term Offered: All Terms
Course Type(s): None
Addresses the nature, etiology, and clinical management of adults with acquired language disorders, with primary emphasis on aphasia and related cognitive disorders. Students will study the structures and functions of the central and peripheral nervous system as they relate to human speech, language and cognition.

EDL-614 Assessment and Treatment of Dysphagia Credits: 3
Term Offered: All Terms
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.
EDL-625 Assessment Procedures in Speech-Language Pathology  Credits: 3
Term Offered: All Terms
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.

EDL-630 Pediatric Language Disorders  Credits: 3
Term Offered: All Terms
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.

EDL-636 Communication in Autism Spectrum Disorders  Credits: 3
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.

EDL-645 Speech Sound Disorders  Credits: 3
Term Offered: All Terms
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.

EDL-650 Fluency Disorders  Credits: 3
Term Offered: All Terms
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.

EDL-655 Disorders of Voice and Resonance  Credits: 3
Term Offered: All Terms
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.

EDL-660 Motor Speech Disorders  Credits: 3
Term Offered: All Terms
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.

EDL-664 Audiology and Aural Rehabilitation  Credits: 3
Term Offered: All Terms
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.

EDL-665 Augmentative and Alternative Communication  Credits: 3
Term Offered: All Terms
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.

EDL-666 Traumatic Brain Injury  Credits: 3
Term Offered: All Terms
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.

EDL-679 Diagnostic Practicum in Speech-Language Pathology  Credits: 3
Term Offered: All Terms
Course Type(s): None
Provides clinical practicum hours in the assessment of speech and language in children and adults. Students will plan, carry out and report diagnostic assessments.

EDL-680 Research Methods  Credits: 3
Term Offered: All Terms
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.

EDL-681 Clinical Practicum I  Credits: 3
Prerequisite: EDL-604.
Term Offered: All Terms
Course Type(s): None
Provides supervised clinical practicum hours in therapeutic management of speech and language disorders.

EDL-682 Clinical Practicum II  Credits: 3
Prerequisite: EDL-681.
Term Offered: All Terms
Course Type(s): None
Provides supervised clinical practicum hours in therapeutic management of speech and language disorders.
EDL-683  External Clinical Practicum I  Credits: 3
Prerequisite: EDL-682.
Term Offered: All Terms
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.

EDL-684  External Clinical Practicum II  Credits: 3
Prerequisite: EDL-683.
Term Offered: All Terms
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.

EDL-CPE  Comprehensive Examination  Credits: None
Prerequisite: EDL-680.
Term Offered: All Terms
Course Type(s): None
Students will complete a comprehensive project demonstrating their clinical and research skills. This is a pass/fail course.

**MSEd Speech-Language Pathology**

**Requirements (60 credits)**

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>EDL-600</td>
<td>Professional Issues in Speech-Language Pathology</td>
<td>3</td>
</tr>
<tr>
<td>EDL-604</td>
<td>Clinical Methods in Speech-Language Pathology</td>
<td>3</td>
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<tr>
<td>EDL-610</td>
<td>Neurological Language Disorders and Aphasia</td>
<td>3</td>
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<tr>
<td>EDL-614</td>
<td>Assessment and Treatment of Dysphagia</td>
<td>3</td>
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<tr>
<td>EDL-625</td>
<td>Assessment Procedures in Speech-Language Pathology</td>
<td>3</td>
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<tr>
<td>EDL-630</td>
<td>Pediatric Language Disorders</td>
<td>3</td>
</tr>
<tr>
<td>EDL-636</td>
<td>Communication in Autism Spectrum Disorders</td>
<td>3</td>
</tr>
<tr>
<td>EDL-645</td>
<td>Speech Sound Disorders</td>
<td>3</td>
</tr>
<tr>
<td>EDL-650</td>
<td>Fluency Disorders</td>
<td>3</td>
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<tr>
<td>EDL-655</td>
<td>Disorders of Voice and Resonance</td>
<td>3</td>
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<td>EDL-660</td>
<td>Motor Speech Disorders</td>
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<td>EDL-664</td>
<td>Audiology and Aural Rehabilitation</td>
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<td>EDL-675</td>
<td>Traumatic Brain Injury</td>
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<td>EDL-679</td>
<td>Diagnostic Practicum in Speech-Language Pathology</td>
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<td>EDL-680</td>
<td>Research Methods</td>
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<td>Clinical Practicum I</td>
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<td>External Clinical Practicum II</td>
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<tr>
<td>EDL-CPE</td>
<td>Comprehensive Examination</td>
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</tbody>
</table>

Total Credits 60
THE MARJORIE K. UNTERBERG SCHOOL OF NURSING AND HEALTH STUDIES

Dean: Janet Mahoney, PhD
Associate Dean: James Konopack, PhD

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 psychomotor 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.

The MSN program was established in 1995 and was designed to meet the needs of clients in the Central New Jersey and Shore area for nurses with advanced nursing degrees and/or certifications, and to meet the desire of nurses who strive for advanced education.

Programs

Masters

- MSN: Adult-Gerontological Primary Care Nurse Practitioner (p. 160)
- MSN: Family Nurse Practitioner (p. 160)

- MSN: Forensic Nursing (p. 161)
- MSN: Psychiatric and Mental Health Nurse Practitioner (p. 162)
- MS in Physician Assistant (p. 163)

Doctorate

- Doctor of Nursing Practice (p. 164)
- Doctor of Nursing Practice with Nursing Endorsement

Graduate Certificates

- Forensic Nursing (p. 164)

Post-Master’s Certificates

- Adult-Gerontological Primary Care Nurse Practitioner (p. 165)
- Family Nurse Practitioner (p. 165)
- Nursing Administration (p. 165)
- Nursing Education (p. 165)
- Psychiatric and Mental Health Nurse Practitioner (p. 166)

Graduate Endorsements

- School Nursing (p. 166)
- School Nursing - Non-Instructional (p. 166)

Nursing

Chair: Barbara Johnston, Department of Nursing

Master of Science in Nursing (MSN)

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 MSN 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 clinical practice. 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 collaborative practice with others.

The MSN 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.

MSN 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 MSN 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 child/elder abuse; legal nurse consulting; domestic violence intervention; life care planning; sexual assault examiner; mass disaster response; and death investigation.

MSN School Nursing for Non-Certified Nurses
School Nurses who are emergency-certified through the New Jersey State Department of Education or who work full-time as a school nurse for a minimum of six months may have NU-587P Practicum: School Nurse I (2 cr.) waived if they provide a letter of verification from a school official. School Nurse Students who show evidence of teaching health in a school system may have NU-588P Practicum: School Nurse II (2 cr.) waived if they provide a letter of verification from a school official. At the discretion of their advisor, School Nurse Students with a baccalaureate degree in a field other than nursing may be required to take NU-312 Individual Health Assessment (3 cr.) or equivalent continuing education units in adult or pediatric physical assessment. At the discretion of their advisor, non-certified School Nurse Students with a baccalaureate degree in a field other than nursing may be required to take NU-413 Community Health Nursing I: Nursing of the Young Family (3 cr.) and/or NU-414 Community Health Nursing II: Nursing of Communities (3 cr.).

MSN School Nursing for Certified School Nurses
Students with a baccalaureate degree in a field other than nursing may be required to take NU-312 Individual Health Assessment (3 cr.) or equivalent continuing education units in adult or pediatric physical assessment at the discretion of their advisors. Certified School Nurse Students with a baccalaureate degree in a field other than nursing may be required to take NU-413 Community Health Nursing I: Nursing of the Young Family (3 cr.) and/or NU-414 Community Health Nursing II: Nursing of Communities (3 cr.) at the discretion of their advisor.

RN to MSN Direct Program
The School of Nursing and Health Studies offers an RN to MSN Direct Program. The RN to MSN 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 MSN degree without earning a baccalaureate degree upon successful completion of courses totaling 150 credits. Through full-time or part-time study, RNs are provided the opportunity to advance their professional careers. Students are accepted into the RN to MSN Direct Program if they satisfy all admission requirements (please refer to the Admission (p. 16) 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 (catalog.monmouth.edu/graduate-catalog/graduate-admission/rn-msn-direct) section of the undergraduate catalog and can also be found on the Monmouth University Web site at http://www.monmouth.edu/university/important-information-and-links.aspx.

Depending on the selected MSN 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 MSN program.

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 (nine 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.

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 take NU-312 Individual Health Assessment (3 cr.) or the equivalent continuing education units in adult or pediatric physical assessment. At the discretion of their advisor, non-certified School Nurse Students with a baccalaureate degree in a field other than nursing may be required to take NU-413 Community Health
Nursing I: Nursing of the Young Family (3 cr.) and/or NU-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. The Administration certificate program prepares nurses to function in management and executive positions. The Nurse Educator certificate program prepares nurses to teach in the clinical or academic setting.

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. 16) section of this catalog for additional admission requirements.

Doctor of Nursing Practice (DNP)
The DNP 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 DNP is designed for MSN graduate nurses such as nurse practitioners, nurse educators, nurse managers, and school nurses. The mission of the DNP program at Monmouth University is to prepare nursing leaders with a doctorate that provides skills and competencies enabling graduates to contribute advanced nursing practice at its highest level and improve delivery of nursing care in complex healthcare environments, obtained through scholarly inquiry and translation of research.

The DNP program is a thirty-six-credit post-master’s degree program that prepares the MSN graduate nurse with the skills necessary to influence and implement quality healthcare improvements. The DNP 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 DNP 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 DNP 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 BSN, MSN, and DNP nursing programs are accredited by:
The Commission on Collegiate Nursing Education (CCNE)
One Dupont Circle, NW
Suite 530
Washington, DC 20036
202-887-6791.

Master of Science-Physician Assistant
The MS 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. Monmouth University received Accreditation-Provisional from the Accreditation Review Commission on Education for the Physician Assistant (ARC-PA) (http://www.arc-pa.org). Accreditation-Provisional is an accreditation status. The status indicates that the plans and resource allocation for the proposed program appear to demonstrate the program’s ability to meet the ARC-PA Standards, if fully implemented as planned. Accreditation-Provisional does not ensure any subsequent accreditation status. It is limited to no more than five years from matriculation of the first class. Students must graduate from an accredited program in order to be eligible to sit for the Physician Assistant National Certifying Examination (PANCE) (http://www.nccpa.net/Pance.aspx).

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
Meeting minimal requirements does not guarantee an interview with the Admission Committee nor guarantee admission to the program. Applications are reviewed on a space-available basis. We recommend that you submit your application as early as possible, as space in our program is limited. The program does not grant advanced standing for prior course work or experiential learning.

Upon acceptance to this program, students will be required to meet health and immunization requirements. More information can be found in the Physician Assistant Student Handbook, posted on our Web site at: http://www.monmouth.edu/pa.

Please refer to the Admission (p. 16) section of this catalog for additional admission requirements.

Programs

Masters

- MSN: Adult-Gerontological Primary Care Nurse Practitioner (p. 160)
- MSN: Family Nurse Practitioner (p. 160)
- MSN: Nursing Administration (p. 161)
- MSN: School Nursing for Certified School Nurses (p. 163)
- MSN: School Nursing - Non-Certified School Nurses (p. 163)
- MSN: Nursing Education (p. 162)
- MSN: Forensic Nursing (p. 161)
- MSN: Psychiatric and Mental Health Nurse Practitioner (p. 162)
- MS in Physician Assistant (p. 163)

Doctorate

- Doctor of Nursing Practice (p. 164)
- Doctor of Nursing Practice with Nursing Endorsement (catalog.monmouth.edu/graduate-catalog/marjorie-k-unterberg-nursing-health-studies/nursing/doctor-nursing-practice-nursing-endorsement)

Graduate Certificate

- Forensic Nursing (p. 164)

Graduate Endorsements

- School Nursing (p. 166)
- School Nursing - Non-Instructional (p. 166)

Post-Master’s Certificates

- Adult-Gerontological Primary Care Nurse Practitioner (p. 165)
- Family Nurse Practitioner (p. 165)
- Nursing Administration (p. 165)
- Nursing Education (p. 165)
- Psychiatric and Mental Health Nurse Practitioner (p. 166)

Faculty

Cira Fraser, Professor and Director of the DNP Program (Graduate Faculty). BS, The College of New Jersey; MS, Rutgers University, Newark; PhD, Adelphi University, RN, 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.
cfraser@monmouth.edu

Laura T Jannone, Associate Professor (Graduate Faculty). BSN, MS, New Jersey City State College; EdD, 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 and Graduate Program Director (Graduate Faculty). BA, State University of Plattsburgh; MS, Seton Hall University; DNP, 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 of the School of Nursing and Health Studies. RN, St. Mary’s Hospital; BSN, Monmouth University (Monmouth College); MSN, Seton Hall University; PhD, APN-BC, ENA-BC New York University. Specialty areas and interests include nursing research, nursing administration, and gerontological nursing.
jmahoney@monmouth.edu

Colleen Manzetti, Assistant Professor (Graduate Faculty). BS, Rutgers University; MSN, Monmouth University; DNP, 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. Effective Fall 2015.
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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Term Offered</th>
<th>Course Type(s)</th>
<th>Prerequisite(s)</th>
<th>Description</th>
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<td>NU-514</td>
<td>Advanced Health Assessment</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td></td>
<td>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.</td>
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<td>NU-521</td>
<td>Pathophysiology and Histology</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td></td>
<td>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.</td>
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<tr>
<td>NU-535</td>
<td>Advanced Health Assessment</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td></td>
<td>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.</td>
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<tr>
<td>NU-524</td>
<td>Pharmacology for Advanced Nursing Practice</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
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<tr>
<td>NU-536</td>
<td>Advanced Health Assessment for Forensic Nurses</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>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 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.</td>
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Notes:
- A second grade below a B will make students ineligible to continue in programs requiring this course.
- Students will be allowed to repeat the course no more than once.
NU-541  Primary Care  Credits: 3
Prerequisites: NU-521, NU-524, and NU-535.
Corequisite: 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
Prerequisites: NU-521, NU-524, and NU-535.
Corequisite: 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
Corequisite: NU-544.
Term Offered: All Terms
Course Type(s): None
Provides the basic foundations of clinical management of common psychiatric/mental health problems in adults. For students in the Adult Psychiatric Mental Health APN Track. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-544  Diagnosis and Treatment of Psychopathology Clinical Laboratory  Credits: 1
Prerequisites: NU-521, NU-524, and NU-535.
Corequisite: NU-543.
Term Offered: All Terms
Course Type(s): None
Provides the basic foundations of clinical management of common psychiatric/mental health problems in adults. The student will deliver mental health care to adults with mental health problems including collection of subjective and objective data using the techniques of interview; establishing a psychiatric diagnosis utilizing the DSMIV-TR classification system; and completing an initial psychiatric assessment and identifying psychopharmacologic interventions as appropriate. Establishment of collaborative role with other healthcare providers. Restricted to Psychiatric and Mental Health Nurse Practitioner students only. This is a pass/fail course.

NU-562  Tests and Measures  Credits: 3
Term Offered: 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.

NU-564  Curriculum Development and Instruction in Nursing Education  Credits: 3
Prerequisite: NU-518.
Term Offered: All Terms
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.

NU-566P  Nurse Educator Practicum  Credits: 3
Corequisite: NU-566S.
Term Offered: All Terms
Course Type(s): None
Focuses on the application of teaching and learning principles in academic and clinical settings. Instruction and evaluation in didactic nursing courses and clinical experiences are applied in nursing programs providing generic nursing education, in cooperation with a preceptor. This is a pass/fail course.
**NU-566S  Nurse Educator Seminar**

Credits: 3  
Corequisite: NU-566P.  
Term Offered: All Terms  
Course Type(s): None  
Provides a forum for reflection on student teaching experiences in the classroom and clinical settings. Through discussion and sharing, students refine the application of theory and research to practice as an educator. Topics relevant to the academic faculty role and current issues in nursing education are explored. 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-575  Issues in Forensic Nursing**

Credits: 3  
Term Offered: All Terms  
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  
Prerequisites: NU-521, NU-524, and NU-535, all passed with a grade of B or higher.  
Term Offered: All Terms  
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  
Prerequisites: NU-521, NU-535, NU-543, NU-575, NU-576, and CJ-585.  
Corequisite: NU-578S.  
Term Offered: All Terms  
Course Type(s): None  
Students will work in an interdisciplinry 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
Prerequisites: NU-521, NU-535, NU-543, NU-575, NU-576, and CJ-585.
Corequisite: NU-578P.
Term Offered: All Terms
Course Type(s): None
Explores forensic theory and research to forensic nursing practice.
Forensic nurses practice as sexual assault examiners, educators, nurse coroners, death investigators, correctional nurses, life care planners, case managers, legal nurse consultants, Medicare set aside coordinators and clinical specialists in pediatrics and, gerontology. Issues addressing systematic analysis of pertinent data, and the physical/psychological issues related to forensic nursing and applying nursing science to public and legal proceedings will be discussed in seminar. Identification of outcomes and plans of action that provide effective coordination and communication in managing clients will be addressed. A scientific and conceptual knowledge of nursing, forensic and criminal justice will assist students to recognize appropriate techniques for the identification, prevention, and management of appropriate clients utilizing the scopes and standards of forensic nursing practice. The collaborative nature of forensic nursing practice as a component of multidisciplinary teams will be stressed. Individual experiences are arranged in conjunction with students' goals for practice. Students will attend a one hour weekly seminar and a weekly eight hour clinical practicum. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-585  School Nursing I  Credits: 4
Term Offered: All Terms
Course Type(s): None
Examines and analyzes the role of the school nurse as a healthcare provider, health educator, health counselor, child advocate in the school community, and interdisciplinary team member. Explores financial, legal, and administrative issues as they relate to school nursing. Reviews normal growth and developmental patterns. Describes common health problems, special needs, and interventions appropriate for school nurses. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-586  School Nursing II  Credits: 4
Term Offered: All Terms
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: NU-585.
Corequisite: NU-587S.
Term Offered: All Terms
Course Type(s): None
Introduction to the clinical experience for the school nurse. The student has his/her clinical experience in the school nurse's office where he or she takes an active part in school health services, physical assessments, organization and administration of the school health program as outlined in NJAC 6A:9 Professional Licensure and Standards of the NJ Board of Education Standards. This is a pass/fail course.

NU-587S  Seminar: School Nurse I  Credits: 2
Prerequisite: NU-585.
Corequisite: NU-587P.
Term Offered: All Terms
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
Prerequisites: NU-586, NU-587S, and HE-584.
Corequisite: NU-588S.
Term Offered: All Terms
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
Prerequisites: Nursing 586, 587S, and Health 584.
Corequisite: Nursing 588P.
Term Offered: All Terms
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-589  Special Topics in Nursing  Credits: 3
Term Offered: All Terms
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.

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.
NU-621 Advanced Practice Nursing I: Adult Gerontology Credits: 3
Prerequisites: NU-521, NU-524, NU-535, NU-541 and NU-542.
Corequisites: NU-622P and NU-622S.
Term Offered: All Terms
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 Credits: 3
Corequisites: NU-621 and NU-622S.
Term Offered: All Terms
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
Corequisites: NU-621 and NU-622P.
Term Offered: All Terms
Course Type(s): None
Delivery of primary healthcare 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: NU-621.
Corequisites: NU-623 and NU-624P.
Term Offered: All Terms
Course Type(s): None
A continuation of Nursing 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
Prerequisites: NU-621, NU-622S, and NU-622P.
Corequisites: NU-623 and NU-624S.
Term Offered: All Terms
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
Prerequisites: NU-621, NU-622S, and NU-622P.
Corequisites: NU-623 and NU-624P.
Term Offered: All Terms
Course Type(s): None
Delivery of primary healthcare to adult/gerontological and adolescent clients with common health problems including collection of subjective and objective data using the techniques of interview and physical examination; deriving diagnoses; planning care for acute and chronic illness using community resources; use of communication for age-appropriate health teaching, counseling, and motivating clients for positive health maintenance. Establishment of collaborative role with other healthcare providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.
NU-631  Advanced Practice Nursing I: Family  Credits: 3
Prerequisite: Nursing NU-521, NU-524, NU-535, NU-541, and NU-542.
Corequisites: NU-632P and NU-632S.
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
Corequisites: NU-631 and NU-632S.
Term Offered: All Terms
Course Type(s): None
Delivery of primary health care to the family unit with common health problems including collection of subjective and objective data using the techniques of interview and physical examination; deriving differential and final diagnoses; planning care for acute and chronic illness using community resources; use of communication for health teaching, counseling and motivating clients for positive health maintenance. Establishment of collaborative role with other 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-632S  Advanced Practice Nursing Seminar I: Family  Credits: 1
Corequisites: NU-631 and NU-632P.
Term Offered: All Terms
Course Type(s): None
Delivery of primary healthcare to adults and older adults with common health problems include collection of subjective and objective data using the techniques of interview and physical examination; deriving differential and final diagnoses; planning care for acute and chronic illness using community resources; use of communication for health teaching, counseling, and motivating clients for positive health maintenance. Establishment of collaborative role with other healthcare providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-633  Advanced Practice Nursing II: Family  Credits: 3
Prerequisite: NU-631.
Corequisites: NU-634P and NU-634S.
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
Prerequisites: NU-631, NU-632S and NU-632P.
Corequisites: NU-633 and NU-634S.
Term Offered: All Terms
Course Type(s): None
A continuation of NU 632. 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
Prerequisites: NU-631, NU-632S and NU-632P.
Corequisites: NU-633 and NU-634P.
Term Offered: All Terms
Course Type(s): None
This course is a continuation of NU 632. 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
Corequisite: 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
Corequisite: NU-635.
Term Offered: All Terms
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
Corequisites: NU-662P and NU-662S.
Term Offered: All Terms
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-662  Nursing Administration II  Credits: 3
Corequisites: NU-661 and NU-662P.
Term Offered: All Terms
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-664  Nursing Administration II Practicum  Credits: 2
Corequisites: NU-663 and NU-664S.
Term Offered: All Terms
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-669  Psychiatric Mental Health Nursing I: Practice with Children and Adolescents  Credits: 3
Prerequisites: NU-521, NU-524, NU-535, NU-543, and NU-544.
Corequisites: NU-669 and NU-670P.
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 this course (NU-670). 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  Advanced Practice Psychiatric/Mental Health Practicum I  Practice with Children and Adolescents  Credits: 2
Prerequisites: NU-521, NU-524, NU-535, NU-543, and NU-544.
Corequisites: 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-671  Advanced Practice Psychiatric/Mental Health Nursing II: Psychopharmacology and Introduction to Therapy  Credits: 3
Prerequisites: NU-521, NU-535, NU-543 and NU-544.
Corequisites: NU-672P and NU-672S.
Term Offered: All Terms
Course Type(s): None
Focuses on advanced knowledge of psychiatric/mental health nursing. Assessment, treatment planning and therapeutic interventions with individuals, families and groups will be introduced. Offers various treatment models including the classic schools and current developments in individuals, families and groups. Each therapeutic modality will be presented using key concepts, an explanation of the therapeutic process and application of techniques. In view of the reliance on direct practice experiences with individuals, families and groups, students will be placed in clinical sites concurrently with the courses NU-672P and NU-672S. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-672P  Advanced Practice Psychiatric/Mental Health Practicum II  Credits: 3
Corequisites: Nursing 671 and 672S.
Term Offered: All Terms
Course Type(s): None
Delivery of mental health care to adults with mental health problems, including collection of subjective and objective data using the techniques of interview; deriving psychiatric diagnoses; deriving nursing diagnoses; planning care for acute and chronic mental health issues using community resources; use of interventions including short-term problem-focused psychotherapy, group therapy and psychopharmacologic modalities. Establishment of collaborative role with other healthcare providers. This is a pass/fail course.
NU-672S  Advanced Practice Psychiatric/Mental Health Nursing Seminar II  
Credits: 1
Prerequisites: Nursing 671 and 672P.
Corequisites: NU-671 and NU-672P.
Term Offered: All Terms
Course Type(s): None
Delivery of mental health care to adults with mental health problems, including collection of subjective and objective data using the techniques of interview; deriving psychiatric diagnoses; deriving nursing diagnoses; planning care for acute and chronic mental health issues using community resources; use of interventions including short-term, problem-focused psychotherapy, group therapy and psychopharmacologic modalities. Establishment of collaborative role with other 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 III  
Credits: 3
Prerequisites: NU-671, NU-672P and NU-672S.
Corequisites: 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-674). 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
Prerequisites: NU-671, NU-672P and NU-672S.
Corequisites: NU-673 and NU-674S.
Term Offered: All Terms
Course Type(s): None
A continuation of NU-672P. Delivery of mental health care to adults with mental health problems, including collection of subjective and objective data using the techniques of interview; deriving psychiatric diagnoses; deriving nursing diagnoses; planning care for acute and chronic mental health issues using community resources; use of interventions including short-term, problem-focused psychotherapy, group therapy and psychopharmacologic modalities. Establishment of collaborative role with other healthcare providers. This is a pass/fail course.

NU-674S  Advanced Practice Psychiatric/Mental Health Nursing Seminar III  
Credits: 1
Prerequisites: NU-671, NU-672P and NU-672S.
Term Offered: All Terms
Course Type(s): None
A continuation of NU-672S. Delivery of mental health care to adults with mental health problems, including collection of subjective and objective data using the techniques of interview; deriving psychiatric diagnoses; deriving nursing diagnoses; planning care for acute and chronic mental health issues using community resources, use of interventions including short-term, problem-focused psychotherapy, group therapy and psychopharmacologic modalities. Establishment of collaborative role with other healthcare providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course. Corequisites: NU-673 and NU-674P

NU-701  Translating Evidence to Clinical Practice  
Credits: 3
Term Offered: All Terms
Course Type(s): None
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): None
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): None
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. Provides investigation into regional and national databases regarding health disparities, disease entities and genetic problems. Enables the student to identify risk factors for genetic disease and determine optimal treatment approaches to clinical practice utilizing evidence-based practice. The student will 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 or will have to be repeated.

NU-705 Interprofessional Collaboration and Team Facilitation Credits: 2
Corequisite: NU-706.
Term Offered: All Terms
Course Type(s): None
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 Credits: 1
Corequisite: NU-705.
Term Offered: All Terms
Course Type(s): None
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.

NU-715 Organizational Leadership in Healthcare Credits: 3
Term Offered: All Terms
Course Type(s): None
Examines organizational systems and processes that emphasize the demand for clinical practice leadership, improvement of health outcomes and ensured patient safety. Students are provided the tools to develop expertise in assessing the vision, mission and organizational strategic plans. Emphasis is placed on executive decision making, leading change efforts, and instituting innovative methodologies for system improvement. Organizational behaviors directed towards quality improvement, negotiation, conflict resolution, performance evaluation and ethical conduct in a business environment. Enhances the student’s ability to use power and influence to achieve goals, build teams and alliances, establish strong communication channels, and empower others. Students must earn a grade of “B” or higher in this course or it will have to be repeated.

NU-716 Health Care Policy for Advocacy in Health Care Credits: 3
Term Offered: All Terms
Course Type(s): None
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): None
Provides an in-depth exploration of economics and finance, budget, reimbursement mechanisms and innovative business models for health care organizations and practice settings. Students will have an opportunity to develop and review business plans and to evaluate cost-benefit analyses as they relate to the DNP role. The practical application of management of financial resources, tools for decision making and communication strategies will be integrated. Students must earn a grade of “B” or higher in this course or it will have to be repeated.

NU-720 Research Methods in Healthcare Leadership Credits: 3
Term Offered: All Terms
Course Type(s): None
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 Capstone Seminar I Credits: 3
Prerequisites: NU-701, NU-702, NU-703, NU-705, NU-706, NU-715, NU-716, NU-718, and NU-720, all passed with a grade of B or higher.
Term Offered: All Terms
Course Type(s): None
The DNP capstone culminates in a practice immersion experience that affords the student the opportunity to integrate and synthesize information from a variety of areas and previous coursework to exhibit mastery of an advanced specialty within nursing practice. Students will demonstrate synthesis of their DNP education and advanced nursing practice specialty to evoke practice improvement and change in a practice setting and/or an organizational system. Students will share their journey toward developing their capstone project through class discussion using a variety of communication modalities. In consultation with the DNP faculty advisor and clinical site preceptor, students will select an area of specialty practice and propose a change project. The end result will be a project based on the principles of evidence-based practice. This will provide a foundation for continued scholarship while making significant contributions in the student’s area of interest in practice or administration. Students must earn a grade of B or higher in this course or it will have to be repeated.
NU-731 Practicum I  Credits: 3
Prerequisites: NU-701, NU-702, NU-703, NU-705, NU-706, NU-715, NU-716, NU-718, and NU-720, all passed with a grade of B or higher.
Term Offered: All Terms
Course Type(s): None
Immersion into the leadership role provides the student an opportunity to expand their leadership skillset and apply, integrate, and synthesize the DNP Essentials through a collaborative partnership between the university and approved practice partners. The student will develop specific learning objectives related to the DNP Essentials, application of theory, and role requirements jointly with the assigned professor to develop their nursing specialty expertise. This course is individualized to each student’s specific area of practice interest. This experience should provide opportunities to work with experts including interdisciplinary to build and assimilate knowledge for advanced nursing practice at the highest level of complexity. DNP Essentials guideline state that graduates should have 1000 hours of combines clinical and experience through the MSN and DNP studies. It is expected that all students in the DNP program complete 500 hours in addition to the 500 hours previously completed in their master’s level program or if additional hours are required to meet their advisor to construct a plan. Students must earn a grade of B or higher in this course or it will have to be repeated. This is a pass/fail course.

NU-732 Capstone Seminar II  Credits: 3
Prerequisites: NU-730 and NU-731, both passed with a grade of B or higher.
Term Offered: All Terms
Course Type(s): None
The DNP Capstone II seminar builds on the content and processes developed in the Capstone I seminar for implementation of the DNP project. Students will share their journey of implementation and evaluation of their DNP project through class discussion using a variety of communication modalities. Weekly seminars are an integral part in the success of the project. In consultation with the DNP faculty advisor and clinical site preceptor, students will implement and evaluate their change project. This course is a continuation of Capstone Course 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 to evoke practice improvement and change in their practice settings. Students will gain an in-depth and integrative experience resulting in a practice-related written project outcome at their clinical site which is subjected to peer and professional scrutiny. Students will disseminate the outcomes of their project through peer-reviewed professional publication and presentations. Students must earn a grade of B or higher in this course or it will have to be repeated.

NU-733 Practicum II  Credits: 3
Prerequisites: NU-730 and NU-731, both passed with a grade of B or higher.
Term Offered: All Terms
Course Type(s): None
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.

NU-762 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.

NU-764 Curriculum Development and Instruction in Nursing  Credits: 3
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.

NU-766P Nurse Educator Practicum  Credits: 3
Corequisite: NU-766S.
Term Offered: All Terms
Course Type(s): None
Focuses on the application of teaching and learning principles in academic and clinical settings. Instruction and evaluation in didactic nursing courses and clinical experiences are applied in nursing programs providing generic nursing education, in cooperation with a preceptor. This is a pass/fail course.
**NU-766S  Nursing Education Seminar**  
Credits: 3  
Corequisite: NU-766P.  
Term Offered: All Terms  
Course Type(s): None  
Provides a forum for reflection on student teaching experiences in the classroom and clinical settings. Through discussion and sharing, students refine the application of theory and research to practice as an educator. Topics relevant to the academic faculty role and current issues in nursing education are explored. 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.

### MSN: Adult-Gerontological Primary Care Nurse Practitioner

**Graduate Nursing Core (15 credits)**  
NU-508 Factors Affecting Healthcare 3  
NU-509 Health Informatics 3  
NU-512 Nursing Research for Advanced Nursing Practice 3  
NU-514 Data Management for Advanced Nursing Practice 3  
NU-518 Education and Motivation of Nursing Clients 3  

**APN Concentration (13 credits)**  
NU-521 Pathophysiology and Histology 1 3  
NU-524 Pharmacology for Advanced Nursing Practice 1 3  
NU-535 Advanced Health Assessment 1 3  
NU-541 Primary Care 1 3  
NU-542 Primary Care Laboratory 1  

**Clinical Specialty Adult (14 credits)**  
NU-621 Advanced Practice Nursing I: Adult Gerontology 1 3  
NU-622P Advanced Practice Nursing Practicum I: Adult-Gerontology 3  
NU-622S Advanced Practice Nursing Seminar I: Adult Gerontology 1  
NU-623 Advanced Practice Nursing II: Adult Gerontology 1 3  
NU-624P Advanced Practice Nursing Practicum: Adult Gerontology 3  
NU-624S Advanced Practice Nursing Seminar II: Adult Gerontology 1  

**Total Credits** 42  

\[1 \text{ Must be passed with a grade of "B" or better}\]

### MSN: Family Nurse Practitioner

**Graduate Nursing Core (15 credits)**  
NU-508 Factors Affecting Healthcare 3  
NU-509 Health Informatics 3  
NU-512 Nursing Research for Advanced Nursing Practice 3  
NU-514 Data Management for Advanced Nursing Practice 3  
NU-518 Education and Motivation of Nursing Clients 3  

**APN Concentration (16 credits)**  
NU-521 Pathophysiology and Histology 1 3  
NU-524 Pharmacology for Advanced Nursing Practice 1 3  
NU-535 Advanced Health Assessment 1 3  
NU-541 Primary Care 1 3  
NU-542 Primary Care Laboratory 1  
NU-635 Advanced Practice Nursing Pediatrics 1 2  
NU-635P Advanced Practice Nursing Pediatrics Practicum 1  

**Clinical Specialty Family (14 credits)**  
NU-631 Advanced Practice Nursing I: Family 1 3  
NU-632P Advanced Practice Nursing Practicum I: Family 1 3  
NU-632S Advanced Practice Nursing Seminar I: Family 1  
NU-633 Advanced Practice Nursing II: Family 1 3  
NU-634P Advanced Practice Nursing Practicum II: Family 1 3  
NU-634S Advanced Practice Nursing Seminar II: Family 1  

**Total Credits** 45  

\[1 \text{ Must be passed with a grade of "B" or better}\]

### 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. 145) 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: Family Nurse Practitioner**

**Graduate Nursing Core (15 credits)**  
NU-508 Factors Affecting Healthcare 3  
NU-509 Health Informatics 3  
NU-512 Nursing Research for Advanced Nursing Practice 3  
NU-514 Data Management for Advanced Nursing Practice 3  
NU-518 Education and Motivation of Nursing Clients 3  

**APN Concentration (16 credits)**  
NU-521 Pathophysiology and Histology 1 3  
NU-524 Pharmacology for Advanced Nursing Practice 1 3  
NU-535 Advanced Health Assessment 1 3  
NU-541 Primary Care 1 3  
NU-542 Primary Care Laboratory 1  
NU-635 Advanced Practice Nursing Pediatrics 1 2  
NU-635P Advanced Practice Nursing Pediatrics Practicum 1  

**Clinical Specialty Family (14 credits)**  
NU-631 Advanced Practice Nursing I: Family 1 3  
NU-632P Advanced Practice Nursing Practicum I: Family 1 3  
NU-632S Advanced Practice Nursing Seminar I: Family 1  
NU-633 Advanced Practice Nursing II: Family 1 3  
NU-634P Advanced Practice Nursing Practicum II: Family 1 3  
NU-634S Advanced Practice Nursing Seminar II: Family 1  

**Total Credits** 45  

\[1 \text{ Must be passed with a grade of "B" or better}\]
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. 145) 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: Forensic Nursing

Graduate Nursing Core (15 credits)
- NU-508 Factors Affecting Healthcare 3
- NU-509 Health Informatics 3
- NU-512 Nursing Research for Advanced Nursing Practice 3
- NU-514 Data Management for Advanced Nursing Practice 3
- NU-518 Education and Motivation of Nursing Clients 3

Advanced Practice Concentration (15 credits)
- NU-521 Pathophysiology and Histology 1 3
- NU-524 Pharmacology for Advanced Nursing Practice 1 3
- NU-543 Diagnosis and Treatment of Psychopathology 1 3
- NU-536 Advanced Health Assessment for Forensic Nurses 3
- NU-577 Forensic Pathology 1 3

Forensic Nursing Specialty (9 credits)
- NU-575 Issues in Forensic Nursing 1 3
- NU-576 Interpersonal Violence 1 3
- NU-578P Forensic Nursing Practicum 2
- NU-578S Forensic Nursing Seminar 1

Select one of the following:
- NU-SANE Sexual Assault Nurse Examiner 0
- Medicolegal Death Investigation college level course 0
- 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. 145) 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: Nursing Administration

Graduate Nursing Core (15 credits)
- NU-508 Factors Affecting Healthcare 3
- NU-509 Health Informatics 3
- NU-512 Nursing Research for Advanced Nursing Practice 3
- NU-514 Data Management for Advanced Nursing Practice 3
- NU-518 Education and Motivation of Nursing Clients 3

Nursing Administration Concentration (9 credits)
- BA-513 Financial Accounting 1.5
- BA-514 Managerial Accounting 1.5
- BE-511 Microeconomics 1.5
- BE-512 Macroeconomics 1.5
- BK-520 Foundations of Marketing Management 1.5
- BM-517 Introduction to Management 1.5

Nursing Administration Specialty (12 credits)
- NU-661 Nursing Administration 1 3
- NU-662P Nursing Administration Practicum 1 2
- NU-662S Nursing Administration Seminar 1 1
- NU-663 Nursing Administration II 1 3
- NU-664P Nursing Administration II Practicum 1 2
- NU-664S Nursing Administration II Seminar 1 1

Total Credits 36

1 Must be passed with a grade of “B” or better.
Bridge Program for Registered Nurses

Registered nurses with a bachelor's degree in a field other than nursing can bridge into the MSN program by taking three upper-division undergraduate nursing courses (9 credits) at Monmouth University prior to taking courses in the MSN track of his or her choice. One of the three courses may be waived, at the program director's discretion if the student has already completed a college-level health assessment or an appropriate continuing education course.

RN to MSN Direct Program

The RN to MSN Direct Program is designed to allow nurses to quickly attain an MSN degree. Registered nurses who presently hold an associate degree or diploma in nursing will be able to earn an MSN degree without earning a baccalaureate degree on upon successful completion of courses totaling 150 credits. Students are accepted into the RN to MSN Direct Program as graduate students. Successful completion of the Undergraduate Nursing Certificate is a prerequisite for taking graduate nursing (NU) courses. See the School of Nursing (p. 145) 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: Psychiatric and Mental Health Nurse Practitioner

Graduate Nursing Core (15 credits)

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<th>Course</th>
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<th>Credits</th>
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<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>
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<tr>
<td>NU-512</td>
<td>Nursing Research for Advanced Nursing</td>
<td>3</td>
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<tr>
<td>NU-514</td>
<td>Data Management for Advanced Nursing</td>
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<tr>
<td>NU-518</td>
<td>Education and Motivation of Nursing Clients</td>
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Advanced Practice Concentration (9 credits)

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<tr>
<td>NU-521</td>
<td>Pathophysiology and Histology</td>
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<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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Nursing Education Specialty (12 credits)

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<tr>
<td>NU-562</td>
<td>Tests and Measures</td>
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<td>NU-564</td>
<td>Curriculum Development and Instruction in Nursing Education</td>
<td>3</td>
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<tr>
<td>NU-566P</td>
<td>Nurse Educator Practicum</td>
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<tr>
<td>NU-566S</td>
<td>Nurse Educator Seminar</td>
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</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

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. 145) 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: Psychiatric and Mental Health Nurse Practitioner

Graduate Nursing Core (15 credits)

<table>
<thead>
<tr>
<th>Course</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</td>
<td>3</td>
</tr>
<tr>
<td>NU-514</td>
<td>Data Management for Advanced Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NU-518</td>
<td>Education and Motivation of Nursing Clients</td>
<td>3</td>
</tr>
</tbody>
</table>

APN Concentration (13 credits)

<table>
<thead>
<tr>
<th>Course</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-543</td>
<td>Diagnosis and Treatment of Psychopathology</td>
<td>3</td>
</tr>
<tr>
<td>NU-544</td>
<td>Diagnosis and Treatment of Psychopathology Clinical Laboratory</td>
<td>1</td>
</tr>
</tbody>
</table>

Clinical Specialty (20 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NU-669</td>
<td>Psychiatric Mental Health Nursing I: Practice with Children and Adolescents</td>
<td>3</td>
</tr>
<tr>
<td>NU-670P</td>
<td>Psychiatric Mental Health Nurse Practitioner Nursing I: Practice with Children and Adolescents Practicum</td>
<td>2</td>
</tr>
<tr>
<td>NU-670S</td>
<td>Psychiatric Mental Health Nursing I: Practice with Children and Adolescents Seminar</td>
<td>1</td>
</tr>
<tr>
<td>NU-671</td>
<td>Advanced Practice Psychiatric/Mental Health Nursing II: Psychopharmacology and Introduction to Therapy</td>
<td>3</td>
</tr>
<tr>
<td>NU-672P</td>
<td>Advanced Practice Psychiatric/Mental Health Practicum I</td>
<td>3</td>
</tr>
<tr>
<td>NU-672S</td>
<td>Advanced Practice Psychiatric/Mental Health Nursing Seminar II</td>
<td>1</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 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. 145) 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

Graduate Nursing Core (12 credits)

NU-508 Factors Affecting Healthcare 3
NU-509 Health Informatics 3
NU-512 Nursing Research for Advanced Nursing Practice 3
NU-514 Data Management for Advanced Nursing Practice 3

School Nursing Concentration (9 credits)

NU-521 Pathophysiology and Histology 1 3
NU-524 Pharmacology for Advanced Nursing Practice 1 3
NU-535 Advanced Health Assessment 1 3

School Nursing Specialty (19 credits)

NU-585 School Nursing I 1 4
NU-586 School Nursing II 1 4
NU-587P Practicum: School Nurse I 2
NU-587S Seminar: School Nurse I 1 2
NU-588P Practicum: School Nurse II 2

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.

MSN: School Nursing for Certified School Nurses

Graduate Nursing Core (12 credits)

NU-508 Factors Affecting Healthcare 3
NU-509 Health Informatics 3
NU-512 Nursing Research for Advanced Nursing Practice 3
NU-514 Data Management for Advanced Nursing Practice 3

School Nursing Concentration (9 credits)

NU-521 Pathophysiology and Histology 1 3
NU-524 Pharmacology for Advanced Nursing Practice 1 3
NU-535 Advanced Health Assessment 1 3

School Nursing Specialty (11 credits)

NU-585 School Nursing I 1 4
NU-586 School Nursing II 1 4
HE-584 Curriculum and Instruction in Health Education 3

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.

MS in Physician Assistant

PHA Requirements (95 credits)

PHA-601 Human Anatomy 5
Doctor of Nursing Practice

DNP Requirements (36 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<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</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>Capstone Seminar I</td>
<td>3</td>
</tr>
<tr>
<td>NU-731</td>
<td>Practicum I</td>
<td>3</td>
</tr>
<tr>
<td>NU-732</td>
<td>Capstone Seminar II</td>
<td>3</td>
</tr>
<tr>
<td>NU-733</td>
<td>Practicum II</td>
<td>3</td>
</tr>
<tr>
<td>NU-762</td>
<td>Tests and Measures</td>
<td>3</td>
</tr>
<tr>
<td>NU-764</td>
<td>Curriculum Development and Instruction in Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NU-765P</td>
<td>Nurse Educator Practicum</td>
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<td>NU-765S</td>
<td>Nursing Education Seminar</td>
<td>3</td>
</tr>
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</table>

Total Credits: 36

Note

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

Doctor of Nursing Practice with Nursing Education Endorsement

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<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</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>Capstone Seminar I</td>
<td>3</td>
</tr>
<tr>
<td>NU-731</td>
<td>Practicum I</td>
<td>3</td>
</tr>
<tr>
<td>NU-732</td>
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<td>Practicum II</td>
<td>3</td>
</tr>
<tr>
<td>NU-762</td>
<td>Tests and Measures</td>
<td>3</td>
</tr>
<tr>
<td>NU-764</td>
<td>Curriculum Development and Instruction in Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NU-765P</td>
<td>Nurse Educator Practicum</td>
<td>3</td>
</tr>
<tr>
<td>NU-765S</td>
<td>Nursing Education Seminar</td>
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</table>

Total Credits: 48

Forensic Nursing Graduate Certificate

Forensic Concentration (15 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</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-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</td>
<td>3</td>
</tr>
<tr>
<td>NU-577</td>
<td>Forensic Pathology</td>
<td>3</td>
</tr>
</tbody>
</table>

Forensic Nursing Specialty (9 credits)

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>NU-575</td>
<td>Issues in Forensic Nursing</td>
<td>3</td>
</tr>
<tr>
<td>NU-576</td>
<td>Interpersonal Violence</td>
<td>3</td>
</tr>
<tr>
<td>NU-578P</td>
<td>Forensic Nursing Practicum</td>
<td>2</td>
</tr>
<tr>
<td>NU-578S</td>
<td>Forensic Nursing Seminar</td>
<td>1</td>
</tr>
</tbody>
</table>

Select one of the following:

- NU-SANE Sexual Assault Nurse Examiner
- Mediolegal Death Investigation college level course
- Continuing Education course of at least 40 hours

Total Credits: 48

Note

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

1 Must be passed with a grade of "B" or better
Adult-Gerontological Primary Care Nurse Practitioner Post-Master's Certificate

**APN Core (9 credits)**

- NU-521 Pathophysiology and Histology \(^2\)  
- NU-524 Pharmacology for Advanced Nursing Practice \(^2\)  
- NU-535 Advanced Health Assessment \(^2\)

**APN Concentration (4 credits)**

- NU-541 Primary Care \(^1\)
- NU-542 Primary Care Laboratory

**Clinical Specialty - Adult (14 credits)**

- NU-621 Advanced Practice Nursing I: Adult Gerontology \(^1\)
- NU-622P Advanced Practice Nursing Practicum I: Adult-Gerontology
- NU-622S Advanced Practice Nursing Seminar I: Adult Gerontology \(^1\)
- NU-623 Advanced Practice Nursing II: Adult Gerontology \(^1\)
- NU-624P Advanced Practice Nursing Practicum: Adult Gerontology
- NU-624S Advanced Practice Nursing Seminar II: Adult Gerontology \(^1\)

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

Family Nurse Practitioner Post-Master's Certificate

**APN Core (9 credits)**

- NU-521 Pathophysiology and Histology \(^2\)
- NU-524 Pharmacology for Advanced Nursing Practice \(^2\)
- NU-535 Advanced Health Assessment \(^2\)

**APN Concentration (7 credits)**

- NU-541 Primary Care \(^1\)
- NU-542 Primary Care Laboratory \(^1\)
- NU-635 Advanced Practice Nursing Pediatrics \(^1\)
- NU-635P Advanced Practice Nursing Pediatrics Practicum

**Clinical Specialty - Family (14 credits)**

- NU-631 Advanced Practice Nursing I: Family \(^1\)
- NU-632P Advanced Practice Nursing Practicum I: Family
- NU-632S Advanced Practice Nursing Seminar I: Family \(^1\)
- NU-633 Advanced Practice Nursing II: Family \(^1\)
- NU-634P Advanced Practice Nursing Practicum II: Family

Total Credits 24

\(^1\) 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

Nursing Administration Post-Master's Certificate

**Business Requirements (9 credits)**

- BA-513 Financial Accounting 1.5
- BA-514 Managerial Accounting 1.5
- BE-511 Microeconomics 1.5
- BE-512 Macroeconomics 1.5
- BK-520 Foundations of Marketing Management 1.5
- BM-517 Introduction to Management 1.5

**Nursing Administration Specialty (12 credits)**

- NU-661 Nursing Administration I \(^1\) 3
- NU-662P Nursing Administration I Practicum
- NU-662S Nursing Administration I Seminar \(^1\) 1
- NU-663 Nursing Administration II \(^1\) 3
- NU-664P Nursing Administration II Practicum 2
- NU-664S Nursing Administration II Seminar \(^1\) 1

**Electives (3 credits)**

Select 3 credits of Electives

Total Credits 24

\(^1\) Must be passed with a grade of "B" or better

Nursing Education Post-Master's Certificate

**Core Requirements (9 credits)**

- NU-521 Pathophysiology and Histology \(^2\) 3
- NU-524 Pharmacology for Advanced Nursing Practice \(^2\) 3
- NU-535 Advanced Health Assessment \(^2\) 3

**Nursing Education Specialty (12 credits)**

- NU-562 Tests and Measures \(^1\) 3
- NU-564 Curriculum Development and Instruction in Nursing Education \(^1\) 3
- NU-566P Nurse Educator Practicum 3
- NU-566S Nurse Educator Seminar \(^1\) 3

**Electives (3 credits)**

Select 3 credits of electives

Total Credits 24

\(^1\) 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
### Psychiatric and Mental Health Nurse Practitioner Post-Master's Certificate

**APN Core (9 credits)**
- NU-521 Pathophysiology and Histology ²  
- NU-524 Pharmacology for Advanced Nursing Practice ²  
- NU-535 Advanced Health Assessment ²

**APN Concentration (4 credits)**
- NU-543 Diagnosis and Treatment of Psychopathology ¹
- NU-544 Diagnosis and Treatment of Psychopathology Clinical Laboratory ¹

**Clinical Specialty (20 credits)**
- NU-669 Psychiatric Mental Health Nursing I: Practice with Children and Adolescents ¹
- NU-670P Psychiatric Mental Health Nurse Practitioner Nursing I: Practice with Children and Adolescents Practicum ²
- NU-670S Psychiatric Mental Health Nursing I: Practice with Children and Adolescents Seminar ¹
- NU-671 Advanced Practice Psychiatric/Mental Health Nursing II: Psychopharmacology and Introduction to Therapy ¹
- NU-672P Advanced Practice Psychiatric/Mental Health Practicum I ³
- NU-672S Advanced Practice Psychiatric/Mental Health Nursing Seminar II ¹
- NU-673 Advanced Practice Psychiatric/Mental Health Nursing III ¹
- NU-674P Advanced Practice Psychiatric/Mental Health Nursing Practicum III ³
- NU-674S Advanced Practice Psychiatric/Mental Health Nursing Seminar III ¹

Total Credits: 33

¹ Must be passed with a grade of "B" or better.
² May be waived if the student has completed equivalent courses at the graduate level with a grade of "B" (3.0) or better.

### School Nursing Graduate Endorsement

**Requirements (22 credits)**
- NU-535 Advanced Health Assessment ³
- NU-585 School Nursing I ¹
- NU-586 School Nursing II ¹
- NU-587P Practicum: School Nurse I
- NU-587S Seminar: School Nurse I ¹
- NU-588P Practicum: School Nurse II
- NU-588S Seminar: School Nurse II ¹
- HE-584 Curriculum and Instruction in Health Education ³

Total Credits: 22

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.

### School Nursing - Non-Instructional Graduate Endorsement

**Requirements (15 credits)**
- NU-535 Advanced Health Assessment ³
- NU-585 School Nursing I ¹
- NU-586 School Nursing II ¹
- NU-587P Practicum: School Nurse I
- NU-587S Seminar: School Nurse I ¹

Total Credits: 15

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.
THE SCHOOL OF SOCIAL WORK

Dean: Robin Mama, PhD
Director of the BSW Program: Elena Mazza, PhD
Director of the MSW Program: Carolyn Bradley, PhD

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. 174)
- International and Community Development (p. 174)

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 BSW and MSW 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 BSW students, and on an advanced, concentration-specific level for MSW 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 (CPFC) (p. 174) and
- International and Community Development (ICD) (p. 174).

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 (CPFC) 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 International and Community Development (ICD) 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. ICD 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 Therapy

The Graduate Certificate in Play Therapy 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 MSW student (in the CPFC 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 MSW 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

**Master of Social Work/Master of Divinity Dual Degree Program**

Monmouth University's School of Social Work and the Theological School of Drew University have an agreement in which students can pursue a Master of Social Work and Master of Divinity degree, which is known as the MSW/MDiv degree program. This program allows accepted social work candidates to complete the Master of Divinity degree at Drew University, and accepted divinity candidates to complete the Master of Social Work degree in a four-year period.

Please consult the department for a list of course requirements.

**Joint Degree Program: Dual Master's Degrees in Social Work (MSW) and Public Policy (MA-PP)**

The MSW program offers interested students an opportunity to earn a second master's degree in Public Policy (MA), after completion of their MSW requirements. Students who complete the sixty-credit MSW can use up to twelve credits from the MSW courses toward the MA in Public Policy. Students who complete the Advanced Standing (thirty-credit) MSW can use up to six credits of MSW courses toward the MA in Public Policy.

Please consult with the department for a list of course requirements.

**Programs**

**Masters**

- MSW Clinical Practice with Families and Children Concentration (p. 174)
- MSW International and Community Development Concentration (p. 174)

**Certificate**

- Graduate Certificate: Play Therapy (p. 174)

**Faculty**

Carolyn Bradley, Associate Professor (Graduate Faculty). BA, College of St. Elizabeth; MSW, PhD, 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). MSW, Columbia University, PhD, Yeshiva University. Research interests in areas of international social work, healthcare and social policy, disaster management, social gerontology, and cultural competence. mcronin@monmouth.edu

Ralph Cusiglio, Assistant Professor (Graduate Faculty). MSW, DSW, Rutgers University. Areas of interest include school social work, clinical social work, and psychoterapy.

Anne Deepak, Associate Professor (Graduate Faculty). BA, Boston University; MS, PhD, 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

Sung-Ju Kim, Assistant Professor (Graduate Faculty). BA, MA, Korea University; Seoul, South Korea; PhD, Indiana University. Areas of interest include management, leadership, fundraising, philanthropic giving, and program/practice evaluation. skim@monmouth.edu

Robin Mama, Professor (Graduate Faculty). Dean of the School of Social Work. BSW, College of Misericordia; MSS, PhD, 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. mama@monmouth.edu

Golam M. Mathbor, Professor (Graduate Faculty). BSS, MSS, Bachelor of Law (LLB), University of Dhaka, Bangladesh; MSW, McGill University; PhD, 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...
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: All Terms
Course Type(s): None
The first of two required courses in social policy defines social policy; examines the social, economic, and political circumstances that give rise to social problems and their policy solutions; explores frameworks for analyzing these solutions; and reviews a history of the profession of social work.

**SW-507 Social Work Research**  Credits: 3
Term Offered: All Terms
Course Type(s): None
Develops the student's ability to use and engage in both quantitative and qualitative research in order to inform and evaluate his or her own social practice. Addresses key research concepts and procedures, such as hypothesis formulation, measurement, sampling, research design, and data collection.

**SW-509 Human Behavior in the Social Environment I**  Credits: 3
Term Offered: All Terms
Course Type(s): None
This is the first semester of a two-semester course sequence within which students use theory and empirical data to assess human behavior as it develops in a variety of sociopolitical environments. A strengths-based, empowerment-focused paradigm is introduced to help students conceptualize biological, psychological, cognitive, and social factors as they influence human growth and development within families.

**SW-510 Field Practicum I**  Credits: 3
Term Offered: All Terms
Course Type(s): None
This is the first part of a yearlong seminar required of all first-year MSW students completing a field internship. The purpose of the seminar is to integrate experiences from the field with course work, discussion, and personal reflections. Students must earn a grade of B or higher in this course or it will have to be repeated.

**SW-513 Social Work Practice in Groups**  Credits: 3
Term Offered: All Terms
Course Type(s): None
Builds on social work practice, knowledge, skills and techniques. Describes social work practice with groups. It begins by delving into the history of group work in social work practice. Essentially, the course will explain the stages of group development, as well as concepts and theories related to group work treatment. In addition, different styles of group leadership will be presented, as well as group member roles. Students will be expected to role-play various stages of group development. Group process will also incorporate an ecosystems perspective, with overall emphasis on empowerment utilizing a strengths perspective. Special attention will be given to human rights, social and economic justice, diversity and cultural issues with respect to social work practice with groups. Students must earn a grade of "B" or higher or it will have to be repeated.

**SW-515 Social Welfare Policy and Services II**  Credits: 3
Prerequisite: SW-505.
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: SW-509.
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: 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.

Nora Smith, Associate Professor (Graduate Faculty). BA, MS, Columbia University; PhD, University of California at Berkeley. Research interests include applied quantitative decision making, operations research, and management science.

dsmith@monmouth.edu

Joelle Zabotka, Assistant Professor (Graduate Faculty). BA, Drew University; MSW, Columbia University; PhD, 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
SW-520 Field Practicum II
Prerequisite: SW-510 passed with a grade of B or higher.
Corequisites: 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
Prerequisite: Permission of the department chair required.
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.

SW-599 Independent Study in Social Work
Prerequisite: Prior permission of the directing professor and department chair.
Course Type(s): None
Reading and research under the direction of a member of the Social Work faculty.

SW-602 Domestic Violence
Prerequisite: Must be an advanced-standing student or equivalent.
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
Prerequisite: Must be an advanced-standing student or equivalent.
Term Offered: All Terms
Course Type(s): None
Deals with the practice of social work with substance abusing clients. It is meant to supplement material covered in SW 604 (Clinical Practice in Addictions) to fulfill the obligations of licensure from the state of New Jersey.

SW-604 Clinical Practice in Addictions
Prerequisite: Must be an advanced-standing student or equivalent.
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
Prerequisite: Must be an advanced-standing student or equivalent.
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
Prerequisite: Must be an advanced-standing student or equivalent.
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-614 Grant Writing
Prerequisite: Must be an advanced-standing student or equivalent.
Term Offered: All Terms
Course Type(s): TPS
Provides students with the opportunity to develop grant-writing skills and to apply for a grant for their field internship agency. Emphasis will be placed on writing skills, concept development, program development, and budget preparation.

SW-615 Issues in International and Community Social Work
Prerequisite: Must be an advanced-standing student or equivalent.
Term Offered: All Terms
Course Type(s): None
This is the first course in the concentration on International and Community Development. It is designed to introduce the student to global arenas for social work activities. Different perspectives on and realities of development and underdevelopment; policies and practices of international aid and humanitarian agencies; and the role of social work in addressing human rights and needs are critically examined. Emphasis is to give the impact of social welfare policy decisions upon oppressed population groups including their implications for human rights and social and economic justice. The relationship and tensions between Global North and Global South development and practice are explored. Policy areas for international and community development include: healthcare, income, social security and social welfare, housing, transportation, environment, education, social justice and corrections, employment (both formal and informal sectors), and peace and security. Knowledge skills and awareness for community practice work in multicultural and transnational settings are emphasized in this course. Understanding the generic community practice process is a critical component of learning to work in this field and to achieve socially just policies with individual, families, organizations, and communities in a global context. Special attention is given to social diversity in community development with oppressed populations i.e., overcoming sexism, ageism, racism, abilism, ethnocentrism, classism and militarism. Students must earn a grade of B or higher or the course will have to be repeated.
SW-616  Social Work Practice with the Aged  Credits: 3
Prerequisite: Must be an advanced-standing student or equivalent.
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  Seminar on Emerging Challenges in International and Community Social Work  Credits: 3
Prerequisite: Must be an advanced-standing student or equivalent.
Term Offered: All Terms
Course Type(s): None
Addresses some of the emerging challenges facing social workers in international and community arenas. Many of these challenges are related to the rapidly changing nature of life in the twenty-first century. Focuses on these emerging challenges as they relate to the quality of life for people around the world. Special attention will be made to conceptualize emerging challenges, themes and issues using a social justice and human rights framework. Will run as a seminar where students will be involved in the generation of topics and discussions related to those topics. Students must earn a grade of "B" or higher in this course or it will have to be repeated.

SW-618  Social Work Administration  Credits: 3
Prerequisite: Must be an advanced-standing student or equivalent.
Term Offered: All Terms
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
Prerequisite: Must be an advanced-standing student or equivalent.
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-625  Program Planning and Evaluation  Credits: 3
Prerequisite: Must be an advanced-standing student or equivalent.
Term Offered: All Terms
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: Must be an advanced-standing student or equivalent.
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: Must be an advanced-standing student or equivalent.
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: Must be an advanced-standing student or equivalent.
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: Must be an advanced-standing student or equivalent.
Term Offered: All Terms
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:** Must be an advanced-standing student or equivalent.  
**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:** Must be an advanced-standing student or equivalent.  
**Term Offered:** All Terms  
**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:** Must be an advanced-standing student or equivalent.  
**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:** All Terms  
**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:** Must be an advanced-standing student or equivalent.  
**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:** SW-630 passed with a grade of B or higher.  
**Corequisites:** 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  
**Prerequisites:** SW-631 passed with a grade of B or higher.  
**Corequisites:** SW-615, SW-617, and SW-655.  
**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 covers 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-665  Clinical Social Work Assessment Diagnosis and Intervention Planning  Credits: 3
Prerequisite: Must be an advanced-standing student or equivalent.
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: Must be an advanced-standing student or equivalent.
Term Offered: All Terms
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  Comparative International and Community Policy and Practice  Credits: 3
Prerequisite: Must be an advanced-standing student or equivalent.
Term Offered: All Terms
Course Type(s): None
Designed to broaden students’ exposure to world problems and the existence of alternative solutions to social problems through an economic and social justice approach. The interrelationship between domestic and international social welfare issues will be highlighted, and the functions and contributions of social work internationally will be examined. This course will also make students aware of the opportunities for international collegial exchange through participation in international social work organizations. Students must earn a grade of B or higher in this course or it will have to be repeated.

SW-666  Advanced Clinical Practice with Children  Credits: 3
Prerequisite: Must be an advanced-standing student or equivalent.
Term Offered: All Terms
Course Type(s): None
Builds upon the foundation of individual, family and group work, with advanced practice applications for social work with children. Assessment and intervention skills used with children and adolescents are taught in relation to special issues that impact upon children today nationally and internationally. Students must earn a grade of B or higher in this course or it will have to be repeated.

SW-669  Applications of Social Justice and Human Rights in Social Work  Credits: 3
Prerequisites: Must be an advanced-standing student or the equivalent, and SW-627.
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
Prerequisite: Prior permission of the CP.
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. SW.PT. program coordinator or MSW Director is required.

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  
Prerequisite: Prior permission of the C.
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. P.SW.PT. Program Coordinator.

SW-676  Play Therapy Practicum Seminar II  
Prerequisite: Prior permission of the C.
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. P.SW.PT. Program Coordinator.

SW-698  Special Topics in Social Work  
Prerequisite: Must be an advanced-standing student or equivalent.
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  
Prerequisite: Must be an advanced-standing student or equivalent.
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.

Graduate Certificate: Play Therapy

Requirements (18 credits)

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SW-671</td>
<td>Advanced Practice with Children</td>
<td>3</td>
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<td>SW-672</td>
<td>Advanced Theory in Play Therapy</td>
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MSW Clinical Practice with Families and Children Concentration

Foundation Courses (30 credits)

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<thead>
<tr>
<th>Course</th>
<th>Title</th>
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<tbody>
<tr>
<td>SW-503</td>
<td>Social Work Practice with Individuals and Families</td>
<td>3</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>
<td>3</td>
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<tr>
<td>SW-509</td>
<td>Human Behavior in the Social Environment I</td>
<td>3</td>
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<tr>
<td>SW-510</td>
<td>Field Practicum I</td>
<td>3</td>
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<tr>
<td>SW-513</td>
<td>Social Work Practice in Groups</td>
<td>3</td>
</tr>
<tr>
<td>SW-515</td>
<td>Social Welfare Policy and Services II</td>
<td>3</td>
</tr>
<tr>
<td>SW-518</td>
<td>Global Community Practice</td>
<td>3</td>
</tr>
<tr>
<td>SW-519</td>
<td>Human Behavior in the Social Environment II</td>
<td>3</td>
</tr>
<tr>
<td>SW-520</td>
<td>Field Practicum II</td>
<td>3</td>
</tr>
</tbody>
</table>

Advanced Core Courses (6 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
</tr>
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<tbody>
<tr>
<td>SW-627</td>
<td>Implications of Social Justice and Human Rights for Social Work</td>
<td>3</td>
</tr>
<tr>
<td>SW-669</td>
<td>Applications of Social Justice and Human Rights in Social Work</td>
<td>3</td>
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</table>

Family and Children Concentration (18 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SW-605</td>
<td>Clinical Practice with Families and Children</td>
<td>3</td>
</tr>
<tr>
<td>SW-626</td>
<td>Evaluation of Practice Effectiveness</td>
<td>3</td>
</tr>
<tr>
<td>SW-645</td>
<td>Clinical Social Work Assessment Diagnosis and Intervention Planning</td>
<td>3</td>
</tr>
<tr>
<td>SW-665</td>
<td>Advanced Clinical Practice with Children</td>
<td>3</td>
</tr>
<tr>
<td>SW-630</td>
<td>Field Practicum III FC</td>
<td>3</td>
</tr>
<tr>
<td>SW-640</td>
<td>Field Practicum IV FC</td>
<td>3</td>
</tr>
</tbody>
</table>

Electives (6 credits)

Select 2 courses from approved departmental selections 600+ level 6

Total Credits 60

1 Must be passed with a grade of "B" or better

MSW International and Community Development Concentration

Foundation Courses (30 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<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>
<tr>
<td>SW-513</td>
<td>Social Work Practice in Groups</td>
<td>3</td>
</tr>
<tr>
<td>SW-515</td>
<td>Social Welfare Policy and Services II</td>
<td>3</td>
</tr>
<tr>
<td>SW-518</td>
<td>Global Community Practice</td>
<td>3</td>
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<tr>
<td>SW-519</td>
<td>Human Behavior in the Social Environment II</td>
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### Advanced Core Courses (6 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>SW-627</td>
<td>Implications of Social Justice and Human Rights for Social Work</td>
<td>3</td>
</tr>
<tr>
<td>SW-669</td>
<td>Applications of Social Justice and Human Rights in Social Work</td>
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</table>

### International Concentration (18 credits)

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>SW-617</td>
<td>Seminar on Emerging Challenges in International and Community Social Work</td>
<td></td>
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<tr>
<td></td>
<td></td>
<td>3</td>
</tr>
<tr>
<td>SW-615</td>
<td>Issues in International and Community Social Work</td>
<td>3</td>
</tr>
<tr>
<td>SW-625</td>
<td>Program Planning and Evaluation</td>
<td>3</td>
</tr>
<tr>
<td>SW-655</td>
<td>Comparative International and Community Policy and Practice</td>
<td>3</td>
</tr>
<tr>
<td>SW-631</td>
<td>Field Practicum III CI</td>
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</tr>
<tr>
<td>SW-641</td>
<td>Field Practicum IV CI</td>
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</tr>
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</table>

### Electives (6 credits)

Select 2 courses from approved departmental selections

<table>
<thead>
<tr>
<th>Credits</th>
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<tbody>
<tr>
<td>6</td>
</tr>
</tbody>
</table>

**Total Credits**: 60

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

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. The name of the winner is announced at Commencement in May.

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 by 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, Hesse, and Maplewood Halls; the Garden, Great Lawn, and University Bluffs apartment complexes; and Pier Village. Living styles include traditional room arrangements, usually 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, 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. For first-year students, the deadline is May 1.

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 vending cards, which can be purchased on campus. All resident students not living in a University-owned or -sponsored apartment are required to be on the meal plan of the Residential Dining Hall. 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.

Cars are unnecessary, as everything generally is within walking distance of campus. Many students use bicycles. While students are not prohibited from bringing cars (parking is extremely limited and a parking decal is required), they are discouraged from having cars on campus so that 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 full-time and part-time 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. All incoming transfer students are invited to participate in the transfer orientation program, 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 seven National Interfraternity Conference (NIC) fraternities, six National Panhellenic Conference (NPC) sororities, three culturally based organizations, and one special interest co-ed fraternity on campus.

The fraternities include:
  • Delta Tau Delta,
  • Phi Kappa Psi,
  • Tau Kappa Epsilon,
  • Sigma Pi,
  • Tau Delta Phi,
  • Theta Xi, and
  • Sigma Tau Gamma.

The sororities include:
  • Alpha Omicron Pi,
  • Alpha Sigma Tau,
  • Alpha Xi Delta,
  • Delta Phi Epsilon,
  • Phi Sigma Sigma, and
  • Zeta Tau Alpha.

The three culturally based organizations are:
  • Lambda Theta Alpha Latin Sorority, Inc.,
  • Alpha Kappa Alpha Sorority, Inc., and
  • Lambda Theta Phi Latin Fraternity, Inc.

The one special interest fraternity is Alpha Kappa Psi, a professional business fraternity.

Honor Societies
Academic departments sponsor honor societies to give recognition to outstanding scholarship in a particular area. Student Life does not oversee academic honor societies.

Omicron Delta Kappa, a national leadership society, recognizes upperclass students who have demonstrated leadership on campus. Phi Eta Sigma is a freshman leadership honor society acknowledging academic excellence and involvement in student activities.

The Gamma Sigma Alpha, National Greek Academic Honor Society, recognizes fraternity and sorority members who have achieved high levels of academic success.

Student Code of Conduct
Monmouth University offers its students the opportunity for maximum intellectual and personal growth by providing a variety of experiences, activities, and services that are designed to complement classroom work and provide opportunities for individual maturation.

The University recognizes and respects the students’ personal freedom and assures maximum individual liberty within the limits necessary for the orderly operation of the University. In response, students must observe rules and regulations necessary for the proper functioning of the institution.

Each individual has the right and responsibility to bring to the attention of an administrative or Student Government official any violations of personal freedom or the regulations of the University.

Additional information regarding the Student Code of Conduct is contained in the Student Handbook. The Student Handbook is available online at www.monmouth.edu/studenthandbook.

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, International Student and Faculty Services, Central Scheduling, the Office of Off-Campus and Commuter Services, Conference Services and Special Events, Study Abroad Office, Academic Foundations Office, Office for Disability Services, Office of Veteran Services, Office of Counseling and Psychological Services, and Global Education.
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, festivals, and subsidized tickets for MAC shows 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 eight committees, which include: Novelty, Awareness, Diversity Programs, Major Events, Comedy, Concerts, Festivals, and Travel and Tour. 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 for 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 to two performing arts events each semester and all other events are either free or $5. For more information and a full schedule of events, please visit 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. Cru, the Catholic Centre, Hillel, 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 for intramural 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, dodge ball, flag football, softball, volleyball, poker, home run derby, three-point contest, knockout, Baggo, soccer, water polo, and Whiffle ball.

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 are assigned a mentor following 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 the ninety recognized clubs and organizations that are listed in the Monmouth University Student Handbook.

There are a wide range of extra-curricular events and leadership opportunities that take place, 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. Locations include the Rebecca Stafford Food Court, a Dunkin’ Donuts, Magill Commons dining hall, Shadows (Elmwood Hall), Au Bon Pain, Bey Hall Express, a Convenience Store in New Hall, and the Cafe 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 732-263-5651 or refer to the Office’s Web site at 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 a.m. to 7 p.m., and Friday, 8 a.m. to 5 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 a 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 contact CPS at mucounseling@monmouth.edu. Additional information can also be found on the Web at www.monmouth.edu/counseling. The office is located on the third floor of the Rebecca Stafford Student Center.

The **Office of International Student and Faculty Services** provides assistance to students and faculty from other countries with their adjustment to life in the United States and Monmouth University. A full-time International Student Services Assistant Director is available to provide personal and immigration advising and cross-cultural counseling.

The **Office of Veteran Services** is a one-stop point-of-contact for all of our veteran students, active duty and reserve personnel, and dependents of military personnel. This office provides assistance, advocacy, and mentoring as well as advising the Monmouth University Veterans’ Association. The Office of Veteran Services is located on the second floor of the Rebecca Stafford Student Center, room 202D. The office hours are Monday through Friday 8:45 a.m. to 5 p.m. The Veteran Services point-of-contact can be reached at 732-263-5258.
DIRECTORIES

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VP for Academic Planning and Strategic Initiatives
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**EdD, Temple University**

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JD, University of Wisconsin Law School

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BA, Fordham University; MA, New York University

**Academic and Faculty Affairs**

Nicole Parsons-Pollard (2016)
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PhD, Virginia Commonwealth University

Registrar
BA, MA, Monmouth University

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BA, College of William and Mary
MA, PhD, University of Buffalo (SUNY)

Robyn Asaro (1998)
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BA, State University of New York at Buffalo

Barbara Nitzberg (1996)
Assistant Director of International Student and Faculty Services
BA, MA, Monmouth University

**Graduate Studies**

Michael Palladino (1999)
Vice Provost of Graduate Studies
BS, The College of New Jersey (Trenton State College);
PhD, University of Virginia

**Planning and Decision Support**

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Vice Provost of Planning and Decision Support
BA, Monmouth University; MSEd, Monmouth University

Assistant Vice Provost Academic Budgets
BS, Brooklyn College; MBA, Monmouth University

**Transformative Learning**

Kathryn Kloby (2007)
Vice Provost of Transformative Learning
BA, Marywood College, MS, Montclair State University;
PhD, Rutgers University

Judith L. Nye, PhD (1987)
Associate Vice Provost for Academic Foundations – General Education
BS, MS, PhD, Virginia Commonwealth University

Stanley Blair, PhD (1996)
Interim Dean of the Honors School
BA, Gardner-Webb College;
MA, Marquette University; PhD, Duke University

Claude E. Taylor (2005)
Athletics Professor-in-Residence
School Deans

Donald M. Moliver, PhD (1982)
Dean of the Leon Hess Business School
BA, Fairleigh Dickinson University;
MA, PhD, Virginia Polytechnic Institute and State University.
State Certified General Real Estate Appraiser for New Jersey and New York

John E. Henning, PhD (2015)
Dean of the School of Education
BS, Pennsylvania State University;
MEd, Kent State University; AD, Stark State College;
PhD, Kent State University

Kenneth Womack, PhD (2015)
Dean of the Wayne D. McMurray School of Humanities and Social Sciences
BA, Texas A&M University;
MA, Texas A&M University/Moscow Institute of Communication, U.S.S.R.;
PhD, Northern Illinois University

Janet Mahoney, PhD (1995)
Dean of the Marjorie K. Unterberg School of Nursing and Health Studies
RN, St. Mary’s Hospital; BSN, Monmouth College; MSN, Seton Hall University;
PhD, New York University

Steven Bachrach, PhD (2016)
Dean of the School of Science
BS, University of Illinois
PhD, University of California at Berkeley

Robin Mama, PhD (1992)
Dean of the School of Social Work
BSW, College of Misericordia;
MSS, PhD, Bryn Mawr College

Leon Hess Business School

Donald M. Moliver, PhD (1982)
Dean of the Leon Hess Business School
BA, Fairleigh Dickinson University;
MA, PhD, Virginia Polytechnic Institute and State University.
State Certified General Real Estate Appraiser for New Jersey and New York

Gilda M. Agacer, PhD (1998)
Associate Dean of the Leon Hess Business School
BA, University of the East Philippines;
M.I.B.S., PhD, University of South Carolina

Susan Gupta, PhD (2006)
Director of the MBA Program
BS, MS, University of Missouri-Columbia; PhD, University of Tennessee

Janeth Merkle (2010)
Assistant Dean
BS Trinity University of Asia (Philippines);
MM, Technological University of the Philippines;
MBA, Monmouth University

Theresa Lowy (2001)
Vaune Peck (1987)
Counselor and Coordinator of Arts and Programming and Promotion
BA, MA, Monmouth University

Michael Thomas (1997)
Associate Dean of the Wayne D. McMurray School of Humanities and Social Sciences
BA, Hamilton College; MFA, Syracuse University

Monmouth University Library
Kurt Wagner (2015)
University Librarian
BA, Fort Lewis College
MA, University of Arizona; MA, William Patterson University

Susan Bucks (2010)
Specialist Librarian
BS, Susquehanna University; BA, MLIS, Rutgers University

Eleanora Dubicki (2003)
Associate Librarian
BA, Douglass College; MLS, MBA, Rutgers University

Rachel Gardner (1989)
Associate Librarian
BA, Vassar College; MA, Middlebury College; MLS, Rutgers University

George Germek (2006)
Associate Librarian
Coordinator of Special Collections
BS Kean University; MA Rutgers University; MLIS Rutgers University

Aurora Ioanid (1996)
Associate Librarian
MA, University of Bucharest, Romania; MLS, Columbia University

Mary Beth Meszaros (2008)
Specialist Librarian
BA, MA, Villanova University; MLIS, Drexel University, PhD, University of Pennsylvania

School of Nursing and Health Studies
Janet Mahoney, PhD (1995)
Dean of the Marjorie K. Unterberg School of Nursing and Health Studies
RN, St. Mary’s Hospital; BSN, Monmouth College; MSN, Seton Hall University;
PhD, New York University

Carol Biscardi, PhD (2012)
Director of the Physician Assistant Program
Clinical Professor
PhD, Seton Hall University

Joseph DePasquale, MD, MS, FACP, FACG (2013)
Co-Medical Director of the Physician Assistant Program
Clinical Professor

Kenneth Faistl, MD, FAAFP (2013)
Co-Medical Director of the Physician Assistant Program
Clinical Professor

James Konopack, PhD (2006)
Associate Dean of the Marjorie K. Unterberg School of Nursing and Health Studies
BA, Cornell University; EdM, Boston University;

PhD, University of Illinois

Joseph Monaco (2012)
Director of Clinical Education, Physician’s Assistant Program
Clinical Professor
MSJ, Seton Hall University Law School

Barbara Paskewich (2001)
Director of Professional Education and Special Projects
RN, Anne May School of Nursing; BA, Monmouth University;
MA, Montclair State University

School of Science
Steven Bachrach, PhD (2016)
Dean of the School of Science
BS, University of Illinois;
PhD, University of California at Berkeley

Catherine Duckett (2009)
Associate Dean of the School of Science
BA, Brown University; MA, University of Texas at Austin;
PhD, Cornell University

John Tiedemann (1998)
Assistant Dean of the School of Science
Director of the Marine and Environmental Biology and Policy Program
BS, Upsala College; MS, Florida Institute of Technology

Anthony MacDonald (2005)
Director of the Urban Coast Institute
BA, Middlebury College; JD, Fordham University

School of Social Work
Robin Mama, PhD (1992)
Dean of the School of Social Work
BSW, College of Misericordia;
MSS, PhD, Bryn Mawr College

Leah Lazzaro (2006)
Director of Field and Professional Education, School of Social Work
BA, Penn State University; MSW, Monmouth University

Sarah Brown
Assistant Director of Field Education, School of Social Work
BSW, MSW, Monmouth University

Honors School
Stanley S. Blair, PhD (1996)
Interim Dean of the Honors School
BA, Gardner-Webb College; MA, Marquette University;
PhD, Duke University

Irene Menditto (1999)
Director of Honors School Student
Standards Advising and Services

Academic Foundations – General Education
Judith L. Nye, PhD (1987)
Associate Vice Provost for Academic Foundations – General Education
BS, MS, PhD, Virginia Commonwealth University

Beatrice M. Rogers (1993)
Assistant Vice President for Academic Foundations – General Education
Center for Student Success

Skip Carey (2005)
Director of Disability Services for Students
BA, Marist College; MA, New Jersey City University

Dorothy Cleary (2010)
Director, Tutoring and Writing Services
MSEd, Walden University

William F. Hill (1977)
Assistant Dean for Career Services
BA, St. Peter’s College; MA, Manhattan College

Colleen Johnson (1981)
Director, Educational Opportunity Fund Program
BA, MSEd, Monmouth University (Monmouth College)

Neva Lozada (2006)
Director, Writing Services and Supplemental Instruction
BA, MAT, MA, MA, Monmouth University

Danielle Schrama (1999)
Director of Academic Advising
BS, MS, Monmouth University

Registrar’s Office

Registrar
BA, MA, Monmouth University

Marc Jose (2012)
Associate Registrar for Technology
BS, Bloomfield College

Debbie Mellish (1979)
Assistant Registrar for Scheduling and Course Management
AAS, Brookdale Community College

Karen Wyant (2001)
Assistant Registrar for Academic Services

Finance

William G. Craig (1981)
Vice President for Finance
BS in Business Administration, Seton Hall University; CPA, NJ

Deborah Palmer (1993)
Assistant to the Vice President for Finance

Mary Byrne (2014)
Associate Vice President and Controller
BS, Saint Peter’s University; MBA, Rutgers University
CPA, NJ

Mary Cadigan (2014)
Manager of Payroll Services
BA, Kean University

Marilyn Cusick (1990)
Manager of Cashiering
BS, Monmouth University

Catherine Duriske (1994)
Assistant Vice President for Financial Reporting
BS, Montclair State College; CPA, NJ

Josephine Estelle (2001)
Director of Treasury Operations
BS, Georgian Court College

Jonas Javier (2007)
Bursar
BS, New Jersey Institute of Technology

Betsy Lunney (1981)
Assistant Vice President for Treasury Operations
BBA, Suffolk University; MBA, Monmouth University

Mohieb Mohsen (2010)
Loans and Collections Administrator
BS, Cairo University

Camille Peterson (1993)
Assistant Bursar

Laurie Stanton (1987)
Accounts Payable Manager
AA, Brookdale Community College

Melissa Sweeney (2007)
Accountant
BS, Rutgers School of Business; MBA, Monmouth University

John Gavin (1991)
Associate Vice President for Budgets and Finance
BS, MBA, Seton Hall University

Margaret Bellanigh (2016)
Grant Accountant
BS, St. Peter’s University

Kathy Booth (1985)
Assistant Bookstore Manager

Shelley Carlock (2010)
Accountant
BBA, Pace University; CPA, NJ

Patricia Curtis (2006)
Central Box Office Manager
BA, Montclair University

Ellen Dombroski (1997)
Assistant Vice President for Finance and Budgets
BS, Seton Hall University; CPA, NJ

Nikki Hernandez (2000)
Assistant Manager of Course Materials
BA, MSEd, Monmouth University

Mark Miranda (2005)
Director of Purchasing
BS, St. John’s University

Marguerite Stocker (2015)
Manager of the University Store
BS, Boston University; MS, Thomas Edison State University

David Tsang (2012)
Digital Print Center Manager
BA, Syracuse University

Information Management

Edward Christensen (1996)
Vice President for Information Management
AS, George Washington University; BS, Southern Illinois University;
MBA, PhD, Rutgers University

John Cavallo (1997)
Director, Information Logistics and Security
BA, MA, Monmouth University

Theodore Tsoutsas (2001)
Software Licensing Administrator
Assistant LMS Administrator

Information Support

Associate Vice President for Information Support
BS, University of Connecticut; MS, Monmouth University

Max Bado (2011)
Computer Systems Analyst
BA, Bucknell University

Lydonna (Sue) Baklarz (2007)
Computer Systems Analyst

Joseph Bembry (2000)
Director of Computer Support
BA, MA, Monmouth University

Karen M. Blaney (2007)
Enterprise Application Support Specialist

Computer Systems Analyst

Robert Coles (2007)
Computer Trainer
BA, MA, Monmouth University

Deborah Cotler (2005)
Director of Instructional Support
BA, State University of New York, Albany; EdM, Boston University

Aditi (Rupa) Dasgupta (2008)
Graphic Web Designer/Videographer
BA, University of Virginia; MFA, Parsons Institute

Wayne Elliott (2002)
Instructional Technologist and LMS Administrator
BA, Monmouth University

Tease Gould (1995)
Enterprise Application Support Specialist
BS, College of Saint Elizabeth; MSEd, Monmouth University

Computer Systems Analyst
AS, Devry University

Aileen (Teri) Monahan (2008)
Enterprise Application Support Specialist

AS, Staten Island Community College; BS, C.U.N.Y.

Marjjean Nagy (1999)
Enterprise Application Support Specialist
BA, Felician College; MS, Villanova University

Billy Pachamango (2001)
Computer Systems Administrator
AS, Devry University

Linda Puches (2006)
Instructional Designer
BA, Fordham University; MA, Kean University

Glenn Schacht (2000)
Computer Systems Assistant

Michael Seeley (2005)
Computer Systems Analyst
AAS, Bergen Community College

Lynn Stipick (1997)
Director of Help Desk and Training
BS, West Chester State University;
MSEd, Monmouth University

Michael Walsh (2002)
Director of Enterprise Application Support
BA, Purdue University; MA, The Richard Stockton College of New Jersey

Information Operations

John Sonn (1998)
Associate Vice President for Information Operations
BA, Rutgers University

James Allan (2004)
Systems Administrator
AA, Brookdale Community College
BA, Monmouth University

Paula Cannella (2000)
Systems Administrator
BA, Monmouth University

Robert Carsey (1998)
Director of Server Operations
BS, MS, Monmouth University

Alan Chiu (2001)
Programmer/Analyst
BA, Guangzhou Institute of Foreign Languages

Kathleen Crawley (2000)
Senior Programmer/Analyst

Matthew Girard (2013)
Systems Administrator
Brick Computer Science Institute

Eric Joyce (1999)
Director of Infrastructure Operations
Brick Computer Institute

Charles Kittner (2010)
Programmer/Analyst
Diploma in Computer Technology
New York University

Mary Latteri (2002)
Senior Programmer/Analyst
BS, Monmouth University

Michael McGuire (2007)
Network Systems Administrator
BA, Moravian College

Steven Mervine (2004)
Director of Media Operations
BS, Monmouth University

Don Reynolds (2005)
Programmer/Analyst

Gary Rosenberg (2000)
Manager, Telecommunications

Thomas Shenko (1999)
Senior Systems Programmer/Analyst
AA, DeVry Technical Institute

Charles (Joe) Strickland (1993)
Network Analyst

Bonnie Ullmeyer (1997)
Director of Enterprise Programming and Integration
BS, Monmouth University

Student Life

Mary Anne Nagy (1986)
Vice President for Student Life and Leadership Engagement
BS, Springfield College; MSEd., Monmouth College; MBA, Monmouth University

James Pillar (1995)
Associate Vice President for Student Life
BS, Millersville University; MBA, West Chester University; EdD, Edgewood College

Mark Holfelder (2000)
Associate Director of Residential Life
BA, Widener University; MS, West Chester University

Megan Jones (2000)
Assistant Director of Residential Life and Judicial Affairs
BS, Rutgers University; MS, Monmouth University

Corey Inzana (2006)
Area Coordinator
BS, Quinnipiac University; MBA, Monmouth University

Tony Conard (2011)
Area Coordinator
BS, Loyola University; MS, Florida State University

Harold Hillyard (2015)
Area Coordinator
BS, SUNY Maritime College

Amy Bellina (1994)
Director of Student Activities and Student Center Operations
BA, University of Pittsburgh; MA, Indiana University of Pennsylvania

Katherine Browna (2014)
Coordinator of Transitions and Leadership Programs
BA, James Madison University; MS, University of Tennessee

Michele Kaplan (2015)
Assistant Director of Student Activities for Fraternity and Sorority Life
BA, Monmouth University; MS, Syracuse University

Lindsay Smith (2016)
Assistant Director of Student Activities
BA, Delaware Valley University; MBA, Centenary University

Shannon Killeen (2002)
Assistant Vice President for Student Life
BA, Glassboro State College; MA, Rowan College

Kathy Maloney (2001)
Director of Health Services
BSN, Georgetown University; MBA, The George Washington University; MSN, Monmouth University; DNP, Tulane University

Lita Abrazaldo-Richards (2012)
University Health Clinician
BSN, St. Louis University; MSN, Monmouth University

Louise Bosmans (1997)
University Nurse Practitioner
BSN, MSN, DNP, Monmouth University

Mary Lou Dalessandro (2000)
University Nurse Practitioner
BA, Rutgers University; BSN, MSN, DNP, Monmouth University

Carol Huggler (2012)
University Health Clinician
BSN, Wilkes College; MSN, Monmouth University

Suanne Schaad (2005)
Substance Awareness Coordinator
BA, Loyola College (MD); MA, Monmouth University

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

Nicole Frame (2010)
Director of Conference Services
BS, The College of New Jersey; MA, Monmouth University

Megan McGowan (2010)
Special Events Manager
BS, MS, Springfield College

Vaughn Clay (1994)
Director of Off Campus and Commuter Services
BS, MA, Indiana University of Pennsylvania; EdD, Northeastern University

Andrew Lee (2015)
Director of Counseling and Psychological Services
BA, University of Pennsylvania; MA, Fairleigh Dickinson University;
PsyM, PsyD, Rutgers University

Theresa Jaeger (2012)
Psychological Counselor
BA, St. Peters College; MA Hunter College, CUNY
PhD, Seton Hall University

Tom McCarthy (2007)
Assistant Director of Counseling and Psychological Services
BA, MA, Monmouth University

Christopher McKittrick (2006)
Psychological Counselor
BS, MA, The College of New Jersey

External Affairs

Jason Kroll (2013)
Vice President of External Affairs
BA, Drew University
Master of Public Administration, Fairleigh Dickinson University

Terence Bodak, ’12 (2012)
Associate Director of University Engagement
BA, Monmouth University

Kwi Brennan (2015)
Senior Director of Leadership Programs
BS, Pennsylvania State University; MBA, Rutgers University

Amanda Brockriede ’09 (2014)
Director of Leadership Programs
BA, Monmouth University

Beth Brody (2013)
Director of Leadership Programs
BA, University of Delaware

Jonathan Conner (2013)
Web and Social Media Specialist
BFA, Pacific Northwest College of Art

Senior Special Events Coordinator

Paul Dement (2005)
Director of Government and Community Relations
BS, Millersville University; MBA, West Chester University

Tryon Eggleston (2015)
Director of Digital Communication
BA, Ramapo College

Lucille Flynn (2002)
Associate Vice President of External Affairs
BS, Seton Hall University

Charles Gerdon (2011)
Director of Leadership Programs
BA, Stockton State College;
MA, Montclair State University

Dawn Hans
Senior Director of Stewardship and Donor Relations
BS, Rutgers University

Jayme Klein (2015)
Senior Prospect Research Analyst

BA, Drew University; MS, Rutgers University

Thomas E. Klimchak (2002)
Senior Director of Advancement Services
BA, Millersville University

Anthony Lazro (2007)
Director of Grants and Contracts
BA, Long Island University; MA, Northern Illinois University

Jessica Lewis (2011)
Director of Resource Development
BA, Goucher College (Baltimore)

Laura MacDonald, ’10 (2012)
Assistant Director of University Engagement
BA, Monmouth University

Chief University Editor/Director of Executive Communications
BA, Boston University; MA, Monmouth University

Elizabeth Manalio (2012)
Associate Director of University Engagement
BS, Boston University

Anthony Marchetti (2016)
Managing Editor University Publications
BA, MA, The College of New Jersey

Emily Miller-Gonzalez (2016)
Director of Leadership Programs
BA, Georgetown University; MSW, JD, Rutgers University

Yasmin Nielsen (2014)
Assistant Vice President for University Engagement
BA, Rutgers University
MBA, Keller

Tara Peters (2015)
Associate Vice President for Marketing and Communications
BA, MA, Monmouth University

Rose Mary Reilly (2016)
Assistant to the Vice President of External Affairs

Keith Richardson (2014)
Assistant Vice President for Leadership Programs
BA, MS Rider University

Jon Roos (2002)
Senior Associate Athletics Director for External Affairs
BA, University of Tennessee; MBA, Lynn University

Web Developer/Analyst
BS, Boston University

Stephanie Tolas ’03, ’05 (2014)
Director of Stewardship and Donor Relations
BA, MBA, Monmouth University

Vera Towle (2008)
Senior Communication Design Specialist
BA, Georgian Court University;
MA, Monmouth University

Michele Whitlow (2014)
Director of University Engagement
BA, Rutgers University; MBA, University of Colorado

Tiffany Wysocki (2016)
Director of Creative Services
BFA, The College of New Jersey

Enrollment Management

Robert D. McCaig (2005)
Vice President for Enrollment Management
BA, Penn State University; MA, Arcadia University; EdD, Temple University

Lauren Vento Cifelli (2000)
Associate Vice President for Undergraduate and Graduate Admission
BA, BS, MA, Monmouth University

Lucia Fedele (2012)
Graduate Admission Counselor
BA, MBA, Monmouth University

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

Andrea Thompson (2007)
Graduate Admission Counselor
BA, Marymount Manhattan College; MAT, Monmouth University

Victoria Bobik (2005)
Director of Undergraduate Admission
BA, Colgate University; MA, University of South Carolina

Emma Caban (2012)
Assistant Director
BA, Monmouth University

Danielle Colbert (2007)
Associate Director of Undergraduate Admission
BA, Lafayette College; MBA, Monmouth University

Patrick Dorsey (2005)
Associate Director of Undergraduate Admission
BS, Fairleigh Dickinson University; MSEd, Monmouth University

Jessica Kimball (2014)
Undergraduate Admission Counselor
BS, Monmouth University

Kamal Kornegay (2004)
Associate Director of Undergraduate Admission
BA, Rowan University

Erin Smith (2014)
Admission Counselor
BA, Monmouth University

Kevin Sweeney (2015)
Admission Counselor

BA, Thomas Edison College

Kathleen Dennis (1993)
Transfer Credit Evaluator
BA, College of Saint Elizabeth

Barbara Gowney (1994)
Director of Admission Processing
BS, Monmouth University; MSEd, Monmouth University

Rosetta Arce (2013)
Assistant Director of Admission Processing
BS, Monmouth University

Claire Alsia (1997)
Associate Vice President of Enrollment Management/Director of Financial Aid
BA, Roanoke College; MAEd, Virginia Polytechnic Institute and State University

Kristen Isaksen (1997)
Associate Director of Financial Aid
BA, Dickinson College; MSEd., Monmouth University

Tabitha Conlan (2001)
Assistant Director of Financial Aid
BS, Georgian Court University

Marilyn Dorsey (1985)
Direct Lending Coordinator

Nancy Hanson (1997)
Assistant Director of Financial Aid
BS, MBA, Monmouth University

Robert C. Hennessey (2001)
Assistant Director of Financial Aid
BS, West Chester University

Ellen Scavuzzo (2015)
Financial Aid Counselor
BA, Flagler College

Administrative Services

Patricia Swannack (1975)
Vice President for Administrative Services
BS, Monmouth University

Kara Sullivan (1998)
Assistant to the Vice President for Administrative Services
AAS, Brookdale Community College; BS, Monmouth University

Maureen Coffey (1999)
Director of HRIS, Employment and Communications
BS, MBA, Monmouth University

Robert Cserno (1996)
Associate Vice President for Campus Planning and Construction
BE, Stevens Institute of Technology

Theresa Fontana (2013)
Accountant
BS, Monmouth University
Chief, MUPD
BA, Kings College; MA, Seton Hall University

Timothy Orr (1996)
Construction Manager
BS, Geneva College

Aimee M. Parks (2000)
Assistant Director of Human Resources for Student Employment
BA, MA, Monmouth University

Robyn Salvo (2006)
Director of Human Resources
BA, College of New Jersey; MBA, Monmouth University

Maureen Slendorn (2007)
Manager of Recruiting and Staffing
BS, Georgian Court University

Kathleen Stein (2003)
Director of Employee Benefits
BA, Monmouth University

Richard Su (1990)
Director of Service Response for Special Events
BA, Monmouth University

Dean Volpe
Captain of Police, MUPD

Michael Wunsch (2015)
Director of Compliance/Risk Management
BA, BS, Rutgers University; MS, New Jersey Institute of Technology

Athletics

Marilyn McNeil (1994)
Vice President and Director of Athletics
B.P.E., The University of Calgary; MA, McGill University, EdD; Washington State University

Nicole Alsobrooks (2015)
Assistant Coach Men's and Women's Swimming
BA, Wake Forest University

Greg Amato (2012)
Assistant Ice Hockey Coach
BA, SUNY

Stephanie Anderson (2014)
Assistant Coach Women's Lacrosse
BA, Rutgers University

Kyle Bailey
(2014)
Head Men's Tennis Coach
BA, American University

Courtney Ball (2009)
Cheerleading Coach
BS, Monmouth University

Devin Barry (2007)
Assistant Coach Track
BS, Mount St. Mary's University

Tom Bieber (2008)
Associate Athletics Director for Academic Support
BS, Slippery Rock University; MBA, Monmouth University

Andrew Bobik (1996)
Associate Head Coach Football
BA, Colgate

Aaron Bottinick (2015)
Assistant Athletic Trainer for Men's Soccer and Baseball
BS, Springfield College; MS, University of Virginia

Kevin Callahan (1992)
Head Coach, Football
BA, University at Rochester

Richard Callahan (2011)
Senior Assistant to the Head Coach of Men's Basketball
BS, Salem College, MS, Syracuse University

Richard Carragher (2001)
Associate Athletics Director for Event Management
BS, St. Joseph's University

Alexandra Carroll (2016)
Second Assistant Field Hockey Coach
BS, MS, Monmouth University

Jon Cascone (1997)
Associate Athletics Director for Recreation, Intramurals, Clubs, and Fitness Center
BS, MA, East Stroudsburg University

Meghan Clothier (2015)
Second Assistant Women's Lacrosse Coach
BA, Temple University

Chris Collazo (2015)
Assistant Baseball Coach
BA, Monmouth University

Joe Compagni (1995)
Director, Track & Field and Cross Country
BA, University of Delaware; MPS, Cornell University

Gregory Decos (1999)
Assistant Athletics Director Equipment, Laundry Services

Sue Dekalb (2013)
Head Coach Women’s Golf
BA, Cortland State; MS, Penn State University

Vincent DeStasio (2005)
Team Physician
BS, Monmouth University; MD, Des Moines University

Thomas DiMuzio (2014)
Assistant Football Coach/Receivers
BS, Delaware University; MEd, Bowling Green State University

Jill DiSanti (2007)
Associate Head Field Hockey Coach
BS, Quinnipiac University;
MA, Monmouth University

Samuel Dorsett (2013)
Assistant Football Coach
BA, MS, Robert Morris University

Karen Edson (1969)
Associate Athletics Director for Business

Dean Ehehalt (1994)
Head Coach, Baseball
BSED, MSEd, East Carolina University

Christian Esola (2015)
Assistant Intramural and Club Sports
BA, Rowan University

Sam Ferry (2011)
Assistant Coach of Men’s Basketball
BS, Vanderbilt University

Carli Figlio (2005)
Head Coach Field Hockey
BA, Kent State University;
MS, Monmouth University

Brian Fisher (2012)
Head Coach, Men’s Lacrosse
BA, Rutgers University

Abraham Flores (2003)
Assistant Coach Men’s and Women’s In/Outdoor Track
BA Fine Arts; MAEd, University of Southern California

Kylee Flynn (2012)
Associate Head Coach, Women’s Soccer
BA, University of Tennessee

Tina Forgach (2012)
Track and Field Operations Coordinator
BA, James Madison University

Brian Gabriel (2004)
Assistant Football Coach/Recruiting
BA Siena College

Jeff Gallo (2005)
Assistant Coach Football
BS, Monmouth University;
MBA, Monmouth University

Andrew Geison (2012)
Assistant Men’s Lacrosse Coach
BA, University of Maryland
MEd, Rutgers University

Eileen Ghent (2011)
Assistant Women’s Lacrosse Coach
BA, Rutgers University

Karen Grygiel (2010)

BS, Delaware University; MEd, Bowling Green State University

Director of Bowling
BS, Vanderbilt University

Samantha Hegman (2012)
Assistant Athletics Director for Compliance
BS, Monmouth University;
MS, Adelphi University

Brian Hirsthblond (2003)
Assistant Coach Men’s and Women’s Track and Field
BA, Monmouth University

Dane Hodge (2014)
Head Coach, Club Women’s Soccer
BA, Carson-Newman University

Siobhan Huggins-Sullivan (2013)
Assistant Athletics Trainer
BS, University of Pittsburgh;
MS, University of North Carolina at Greensboro

Mike Iuliucci (2009)
Associate Athletics Director Equipment Manager & Recreation
BA, Robert Morris University

John Jackman (1993)
Assistant Athletics Director of the Fitness Center

Ruth Jamnik (2011)
Assistant Athletics Director of Student Development
BA, Kean College

Cornell Key (2015)
Assistant for Student-Athlete Performance
BA, Monmouth University

Latara King (2015)
Second Assistant Women’s Basketball Coach
BA, Florida Memorial University

Andrew Kirkland (2015)
Assistant Football Coach
BA, Colgate University; MS, Wesleyan University

Gary Kowal (2013)
Assistant Athletics Director for New Media and Communications
BA, Monmouth University

Amanda Kuperavage (2011)
Associate Athletics Director for Student Athlete Performance
BS, DeSales University;
MA, Gardner-Webb University

Andrew Kurtz (2015)
Athletics Multimedia Coordinator
BS, York College of Pennsylvania

Jennifer Lawlor (2015)
Senior Associate Athletic Director for Student Development/SWA
BA, Lafayette College; MS, Neumann University

Scott Lokatos (2015)
Director of Field Operations and Practice Management/Defensive Coach
BA, Western Connecticut University

Hugh MacDonald (2008)
Associate Head Coach Men's Soccer
BA, Monmouth University

Robert McCourt (2004)
Head Coach, Men's Soccer
BA, Adelphi University; MS, Virginia Commonwealth University

William McCutcheon (2013)
Assistant Men's Lacrosse Coach
BA, Towson University

Jamal Meeks (2015)
Director of Men's Basketball
BS, Indiana University

Nathan Miker (2015)
Assistant Athletics Trainer/Head Football Trainer
BA, University of Mount Union; MEd, Virginia Tech

Mark Mohrman (2016)
Assistant Athletics Director of Communications
BA, Monmouth University

Kevin Morris (2014)
Assistant Football Coach/Offensive Coordinator
BA, Williams College

Patrice Murray (1988)
Head Coach, Women's Tennis
BA, MA, Monmouth University

Jamie Nash (2015)
Assistant Women's Basketball Coach
BS, University of Nebraska, Omaha

Joanne Nizolek (2015)
Dance Team Choreographer/Instructor/Coach
BFA, Montclair State University

Matthew Nunnaly (2015)
Head Coach Men's and Women's Swimming
BS, LaSalle; MBA, Ole Miss

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Head Coach Women's Basketball
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**David Tietge (2002)**
Associate Professor and Director of First Year Composition, English (Graduate Faculty).
BA, University of North Iowa; MA, Indiana State University; PhD, South Illinois University of Carbondale.

**Nancy Uddin (1999)**
Associate Professor and Chair, Accounting (Graduate Faculty).
BA, William Patterson University; PhD, Rutgers University.

Professor and Chair, History; Professor and Chair, Anthropology (Graduate Faculty).
BA, Drew University; MA, College of William and Mary; PhD, University of Pennsylvania.

**Lisa Vetere (2005)**
Associate Professor, English (Graduate Faculty).
BA, Siena College; MA, St. Bonaventure University; PhD, Lehigh University.

**Marina Vujnovic (2008)**
Associate Professor, Communication (Graduate Faculty).
BA, University of Zagreb; MA, University of Northern Iowa; PhD, University of Iowa.

**Jiacun Wang (2004)**
Professor, Computer Science and Software Engineering (Graduate Faculty).
BS, Jiangsu University of Science and Technology; PhD, Nanjing University of Science and Technology, China.

**Michael G. Waters (2008)**
Professor, English (Graduate Faculty).
BA, MA, State University of New York; MFA, University of Iowa; PhD, Ohio University.

**Courtney Werner (2015)**
Assistant Professor, English (Graduate Faculty).
BA, Moravian College and Theological Seminary; MA, Texas State University; PhD, Kent State University.

**Charles Willow (2004)**
Associate Professor, Management and Decision Sciences (Graduate Faculty).
BS, MS, Hanyang University; MS, Texas Tech University; PhD, University of Houston.

**Kenneth Womack (2015)**
Professor, English (Graduate Faculty).
Dean, School of Humanities and Social Sciences.
BA, Texas AM University; MA, Texas AM University/Moscow Institute of Communication, U.S.S.R.; PhD, Northern Illinois University.

**Chiu-Yin Wong (2011)**
Assistant Professor, Curriculum and Instruction (Graduate Faculty).
BA, Brigham Young University; MA, PhD, Texas Tech University.

**Cui Yu (2002)**
Associate Professor and Computer Science Graduate Program Director, Computer Science and Software Engineering (Graduate Faculty).
BS, Nanjing University of Aeronautics and Astronautics; PhD, University of Singapore, Singapore.

**Joelle Zabotka (2014)**
Assistant Professor, Social Work (Graduate Faculty).
BA, Drew University; MSW, Columbia University; PhD, Rutgers University.

**Ronald Zhao (2002)**
Associate Professor, Accounting (Graduate Faculty).
BA, Fudan University, China; MA, Shanghai Foreign Language Institute, China; PhD, Texas Tech University; CPA, CMA.
GRADUATE COURSE DESCRIPTIONS

Anthropology (AN)

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

AN-502 Seminar in Biological Anthropology
Credits: 3
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
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: All Terms
Course Type(s): HSUS
An intensive introduction to historical and industrial archeology (c. 1492+). Topics covered include exploration, imperialism, colonization, industrialization, and urbanism. Archeological field methods and the interpretation of material culture are also introduced. Also listed as HS-506.

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 taking, 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: All Terms
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): TL
Credits: 3

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-532 Native American History and Prehistory

Term Offered: All Terms
Course Type(s): HSNW, HSWLD
Credits: 3

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-540 Psychological Anthropology

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

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

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

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

Provides an introduction to ancient technology/experimental archaeology. It examines the major theories and practices employed by experimental archaeologists. Students will develop skills in traditional technologies, e.g. flintknapping, pot firing, blacksmithing, and timber frame house construction.

AN-562 History of Maps and Mapping

Term Offered: All Terms
Course Type(s): None
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 HS-562.

AN-572 The History of Tourism

Term Offered: All Terms
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 HS-572.

AN-575 Civilizations of the Andes

Term Offered: All Terms
Course Type(s): HSNW, HSWLD
Credits: 3

A survey of Andean history from the beginning of human settlement through the Inca Empire and the Spanish conquest to contemporary peasant society. The evolution and nature of pre-Columbian civilizations, focusing on Chavin, Paracas-Nazca, Huari-Tiahuanaco, Chimor, and the Inca; the social and political organization of the Inca empire; the Spanish conquest and its impact on native culture; contemporary social changes; and rural migration and the transformation of contemporary Andean society. Theoretical exploration of the developmental trajectory of Andean civilization. Also listed as HS-575.

AN-582 Applied Anthropology

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

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?"
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<th>Course Code</th>
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<th>Term Offered</th>
<th>Course Type(s)</th>
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<tr>
<td>AN-585</td>
<td>Seminar in African History</td>
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<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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<td>AN-586</td>
<td>Pre-Columbian Civilizations: The Aztec and Inka States</td>
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<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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<td>AN-587</td>
<td>Visual Anthropology</td>
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<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-589</td>
<td>Formation of the Global System: Fifteenth to Sixteenth Centuries</td>
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<td>Formation of the early global system that changed the world in the fifteenth and sixteenth centuries. Brief survey of the Euro-African and American worlds prior to the sixteenth century. Transformations resulting from transatlantic trade and the colonial order; conceptual changes about life, the biological order, and religion; exchanges of crops, animals, and death; depopulation and migration; African slavery and the plantation system; the forging of labor as capital; the transfer of American gold, silver, and other wealth to Europe and its impact on class formation and capitalism; interactions with Asia. Roots of the contemporary world. Also listed as HS-589.</td>
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<td>AN-595</td>
<td>Anthropology Internship/Practicum</td>
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<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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<td>AN-598</td>
<td>Special Topics in Anthropology</td>
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<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.</td>
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<td>AN-599</td>
<td>Independent Study in Anthropology</td>
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<td>Reading and research leading to significant written work under the direction of a member of the anthropology faculty.</td>
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<td>AN-691</td>
<td>Anthropology Thesis (Research)</td>
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<td>Prerequisite: Fifteen credits in Anthropology.</td>
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<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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<td>AN-692</td>
<td>Anthropology Thesis (Writing)</td>
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<td>Prerequisite: Eighteen credits in Anthropology.</td>
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<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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**Art (AR)**

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<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Term Offered</th>
<th>Course Type(s)</th>
<th>Prerequisite</th>
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<tbody>
<tr>
<td>AR-505</td>
<td>Images of Contemporary Culture</td>
<td>3</td>
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<td>Course Type(s): None</td>
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<td>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.</td>
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<td>AR-522</td>
<td>Art in the Age of Revolution</td>
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<td>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.</td>
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<td>AR-525</td>
<td>Art in World Perspective</td>
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<td>An examination of major artistic developments from 1300 AD to 1750 AD. Traditionally, this area of study is referred to as &quot;Renaissance, Mannerism, and the Baroque.&quot; The major thrust of the course will be concerned with artistic innovations surrounding the &quot; rebirth&quot; of Western Civilization.</td>
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<td>AR-528</td>
<td>Asian Art and Ideas</td>
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<td>A comparative exploration of the relationship of art and thought in Hindu India, Confucian China, and Feudal Japan.</td>
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<td>AR-551</td>
<td>Methods of Teaching Art</td>
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<td>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).</td>
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BY-521 Pathophysiology and Histology
Term Offered: All Terms
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
Prerequisite: Prior permission of the directing professor, department chair, and graduate program director.
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.

Business (BU)

BU-588 Business Practice and Experience
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.

Business Accounting (BA)

BA-513 Financial Accounting
Credits: 1.5
Prerequisite: Bachelor’s Degree.
Term Offered: All Terms
Course Type(s): None
This foundational course will address the basics of financial accounting, including the accounting cycle, from the analysis and recording of transactions to the compilation of the four basic financial statements, and introduce additional accounting procedures related to valuation of inventory and long term assets and other financial statement topics.

BA-514 Managerial Accounting
Credits: 1.5
Prerequisite: Bachelor’s Degree.
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
Credits: 3
Prerequisite: BA-541.
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**  Credits: 1-3  
Prerequisite: A minimum G.P.A. of 3.00.  
Term Offered: All Terms  
Course Type(s): None  
Provides the opportunity for MBA accounting track (and/or accounting concentration) students to apply classroom theory in practice through actual work experience in the accounting field. The course cannot be counted toward the MBA track or concentration requirements, but is recommended for those who do not have experience in the accounting profession. Students may take this course a maximum of two times (or a maximum of 6 credits).

BA-598  **Special Topics in Accounting**  Credits: 3  
Prerequisite: BA-541.  
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.

BA-599  **Business Research**  Credits: 3  
Prerequisite: Prior permission of the directing professor and department chair.  
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.

BA-610  **Accounting for Managers**  Credits: 3  
Prerequisites: 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**  Credits: 3  
Prerequisite: BA-513.  
Term Offered: All Terms  
Course Type(s): None  
This is the only graduate level income tax course currently offered at Monmouth. Our undergraduate version of this course covers two semesters. This course will emphasize tax research and planning for individuals. The purpose is to introduce graduate accounting students to a broad range of income tax topics. Because of the complexity and breadth of coverage, many topics will not be covered in great depth.

BA-634  **Selected Topics in Financial Accounting**  Credits: 3  
Prerequisite: BA-513.  
Term Offered: All Terms  
Course Type(s): None  
This capstone course provides an intensive examination of accounting concepts and principles pertaining to the understanding of accounting cycle and preparation of major financial statements. It covers the accounting treatment of major classes of assets, liabilities and equities and related income accounts. This course is specifically structured to cover the fundamental issues traditionally taught in two intermediate accounting courses at the undergraduate level for graduate students without sufficient accounting background. It lays a sound foundation for students to pursue more advanced financial accounting practice and theory issues in contemporary context.

BA-636  **Advanced Accounting Topics**  Credits: 3  
Prerequisite: BA-634.  
Term Offered: All Terms  
Course Type(s): None  
This course in financial accounting has been developed to provide advanced knowledge and skills in various specialized and complex areas. It presupposes an extensive background in basic accounting theory. This course presents the specialized topics of business investments and combinations and consolidations, and an introduction to governmental and not-for-profit accounting. Relevant United States Generally Accepted Accounting Principles and United States Governmental Accounting Standards Board pronouncements will be considered. In addition, other topics relevant to the understanding of the current business and accounting environment (segment and interim reporting, foreign exchange transactions and partnerships, estates, trusts will be addressed).

BA-638  **Auditing Practices and Cases**  Credits: 3  
Prerequisite: BA-634.  
Term Offered: All Terms  
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.

**Business Economics (BE)**

BE-511  **Microeconomics**  Credits: 1.5  
Term Offered: All Terms  
Course Type(s): None  
Provides MBA students with principles-level knowledge of microeconomics. Students will learn economic theory to analyze markets, competitive and noncompetitive firm behavior, market structure, government regulation and global trade.
BE-512  Macroeconomics  Credits: 1.5
Term Offered: All Terms
Course Type(s): None
Provides MBA students with principles-level knowledge of macroeconomics. Students will learn to determine the components and level of national income, applications to the problems of inflation, unemployment and economic stabilization. Students are introduced to the macroeconomic operation of a mixed economy such as the United States within the global economy. Topics include national income accounting, business cycles, inflation, unemployment, monetary and fiscal policies, national deficit and debt, exchange rates, balance of payments, balance of trade, global financial crises, and policy debates.

BE-571  Economic Policy in Society  Credits: 3
Prerequisite: BE-501 or equivalent.
Term Offered: All Terms
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
Prerequisites: BE-501 and BM-506 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
Prerequisite: Prior permission of the directing professor and department chair.
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.

BE-611  Managerial Economics  Credits: 3
Prerequisites: 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. Not open to students who have taken BE-561.

BE-620  Econometrics  Credits: 3
Prerequisites: BE-511, BE-512, and BM-518.
Term Offered: All Terms
Course Type(s): None
Provides a graduate-level introduction to the methodology and tools of econometrics required by finance professionals. Topics include: linear regression, time series modeling, volatility and correlation modeling. Markov switching, limited dependent variable models and Monte Carlo simulation. EViews is used extensively in class. Instructor assumes students have no previous knowledge of EViews.

BE-650  Globalization  Credits: 3
Prerequisites: BE-512 and BF-515.
Term Offered: All Terms
Course Type(s): MBA.E, MBA.I
Students are introduced to debates on the meaning, causes, and consequences of globalization. The role of trade, finance, labor, multinational corporations, nation-states, international institutions, and civil society will be examined. Benefits of globalization - the potential to create goods and services, employment, income and wealth - will be contrasted with its costs - volatility, contagion, environmental degradation, inequality and poverty. The course will end with a discussion of the management of globalization through global coordination and governance.

BE-698  Special Topics in Economics  Credits: 3
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 Finance (BF)

BF-515  Financial Markets  Credits: 1.5
Term Offered: All Terms
Course Type(s): None
Covers the roles and functioning of the financial markets, financial institutions and regulatory bodies, the principles of valuation of financial assets and the determinants of market interest rates.

BF-516  Business Finance  Credits: 1.5
Prerequisite: BA-513.
Term Offered: All Terms
Course Type(s): None
Principles and techniques of financial analysis: financial planning and control, profit planning and management, valuation theory, capital budgeting, financial structure and the cost of capital.

BF-525  Real Estate Analysis  Credits: 3
Prerequisite: BF-511 or equivalent.
Term Offered: All Terms
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
Prerequisite: Prior permission of the directing professor and department chair.
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.
BF-612 Corporate Finance Credits: 3
Prerequisites: BE-511 and BE-512 and BF-515 and BF-516.
Term Offered: All Terms
Course Type(s): None
Analysis of corporate finance concepts: Financial ratio analysis and forecasts, estimation of cash flows for corporate valuation, cost of capital and optimal capital structure, distributions to shareholders, and financial restructuring. This course will rely on corporate cases and Excel applications. Not open to students who have taken BF-522.

BF-620 Econometrics Credits: 3
Prerequisites: BE-511, BE-512, and BM-518.
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
Prerequisites: BE-511 and BE-512, BF-515 and BF-516 and BM-518.
Term Offered: All Terms
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
Prerequisites: BE-511 and BE-512, BF-515 and BF-516, and BM-518.
Term Offered: All Terms
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
Prerequisites: BE-511 and BE-512, and BF-515 and BF-516.
Term Offered: All Terms
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
Prerequisites: 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
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 Healthcare (BH)

BH-571 Introduction to the United States Healthcare System Credits: 3
Prerequisite: Completion or waiver of at least three of the six MBA core courses.
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
Prerequisite: BE-501.
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
Prerequisites: BH-571 and BM-502.
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
Prerequisites: BH-571, BH-572, BH-573, and BF-511.
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.
**Graduate Course Descriptions**

**Business Law (BL)**

**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
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.

**BL-599  Independent Study in Business Law**  Credits: 1-3
Course Type(s): None
Independent research in business administration in an area not substantially treated in a regular course offering, under the supervision of a Business Administration faculty member; written evaluation of the research required. Must be within nine credits of graduation.

**BL-631  Legal Environment of Business**  Credits: 3
Term Offered: All Terms
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-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-519  Production and Operations Management**  Credits: 3
Prerequisite: 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. Not open to students who have taken BM-507.

**BM-520  Management Information Systems**  Credits: 3
Prerequisite: BM-502.
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.

**BM-521  Seminar in Electronic Commerce**  Credits: 3
Prerequisites: BM-502 and BK-509.
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: BM-507.
Term Offered: All Terms
Course Type(s): MBA.Q
Conceptual underpinnings of logistics: design and managing for effective logistics.

**BM-565  Management of Technology**  Credits: 3
Prerequisite: BM-502.
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
Prerequisite: BM-502.
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.

BM-599  Business Research: Management Credits: 3
Course Type(s): None
Independent research in business administration in an area not substantially treated in a regular course offering, under the supervision of a Business Administration faculty member; written evaluation of the research required. Student must be within nine credits of graduation.

BM-613  Managing and Leading in Organizations Credits: 3
Prerequisite: 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
Prerequisites: 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: 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: 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
Prerequisites: BM-517, BM-518 and BM-620 or BM-622.
Term Offered: All Terms
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: 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: All Terms
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: BM-613.
Term Offered: All Terms
Course Type(s): MBA.I, MBA.B
The factors unique to international/global business in both the external environment (cultural, political, legal, technological, economic, financial) and the internal functional decisions made by the firm for sustainable strategic growth, while identifying risk.

BM-660  Corporate Governance and Organizational Ethics Credits: 3
Prerequisite: 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
Prerequisite: Student must be within nine credits of graduation.
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.

Business Marketing (BK)

BK-520  Foundations of Marketing Management Credits: 1.5
Term Offered: All Terms
Course Type(s): None
As a foundation course, this course provides MBA students with fundamental concepts in marketing management involving companies to satisfy their consumers' objectives through right goods and services based on understanding consumer characteristics and marketing system environments; introducing the marketing mix strategies based on thorough analysis of consumer and market environment, promote, distribute and price products and services to satisfy and organize buyers. Prerequisite: Admission to the MBA program

BK-614  Marketing Management Credits: 3
Prerequisite: Completion or waiver of all MBA foundation courses.
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.
Graduation requires independent research. The student must be within nine credits of a business administration faculty member; written evaluation of substantially treated in a regular course offering, under the supervision of a Business Administration faculty member.

**Course Type(s):** None

**Term Offered:** All Terms

**Prerequisite:** Prior permission of the directing professor and department chair.

**Subject matter:** 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. Not open to students who have taken BK-540.

**Course Type(s):** MBA.K, MBA.I

**Term Offered:** All Terms

**Prerequisite:** BK-614.

**Business Real Estate (BR)**

**BR-510 Real Estate Law**

- **Credits:** 3
- **Term Offered:** All Terms
- **Course Type(s):** None
- **Prerequisite:** Prior permission of the directing professor and department chair.
- **Subject matter:** Real Estate Law 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:** All Terms
- **Course Type(s):** None
- **Prerequisite:** Prior permission of the directing professor and department chair.
- **Subject matter:** Real Estate Analysis will be introduced to the legal issues in the ownership, transfer, and development of real property.

**BR-527 Real Estate Finance, Investment and Tax**

- **Credits:** 3
- **Term Offered:** All Terms
- **Course Type(s):** None
- **Prerequisite:** Prior permission of the directing professor and department chair.
- **Subject matter:** Real Estate Finance, Investment and Tax will be introduced to the legal issues in the ownership, transfer, and development of real property.

**BR-530 Real Estate Lease and Negotiations**

- **Credits:** 3
- **Term Offered:** All Terms
- **Course Type(s):** None
- **Prerequisite:** Prior permission of the directing professor and department chair.
- **Subject matter:** Real Estate Lease and Negotiations will be introduced to the legal issues in the ownership, transfer, and development of real property.

**BR-540 Consumer Behavior**

- **Credits:** 3
- **Term Offered:** All Terms
- **Course Type(s):** MBA.K
- **Prerequisite:** Prior permission of the directing professor and department chair.
- **Subject matter:** Consumer Behavior will be introduced to the legal issues in the ownership, transfer, and development of real property.

**Business Real Estate (BR)**

**BR-598 Special Topics in Real Estate**

- **Credits:** 1-3
- **Term Offered:** All Terms
- **Course Type(s):** None
- **Prerequisite:** Prior permission of the directing professor and department chair.
- **Subject matter:** Special Topics in Real Estate will be introduced to the legal issues in the ownership, transfer, and development of real property.

**BR-599 Independent Study in Real Estate**

- **Credits:** 3
- **Term Offered:** All Terms
- **Course Type(s):** None
- **Prerequisite:** Prior permission of the directing professor and department chair.
- **Subject matter:** Independent Study in Real Estate will be introduced to the legal issues in the ownership, transfer, and development of real property.

**BR-620 Marketing Research**

- **Credits:** 3
- **Term Offered:** All Terms
- **Course Type(s):** MBA.K
- **Prerequisite:** Prior permission of the directing professor and department chair.
- **Subject matter:** A detailed 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. Not open to students who have taken BK-540.

**BR-630 Environmental Land Use and Planning Law and Regulation**

- **Credits:** 3
- **Term Offered:** All Terms
- **Course Type(s):** None
- **Prerequisite:** Prior permission of the directing professor and department chair.
- **Subject matter:** Environmental Land Use and Planning Law and Regulation will be introduced to the legal issues in the ownership, transfer, and development of real property.
BR-631  Capital Markets and Real Estate  Credits: 3
Prerequisites: BF-515 and BF-516.
Term Offered: All Terms
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: BF-516.
Term Offered: All Terms
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
Prerequisites: 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.

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: 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: 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: 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: 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
Prerequisites: BR-631 and BR-632.
Term Offered: All Terms
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-649  International Real Estate  Credits: 3
Prerequisites: 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
Prerequisites: BR-631 and BR-632.
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.
BR-699 Independent Study in Real Estate Credits: 3
Prerequisite: Permission of the Instructor, Department Chair and Dean.
Term Offered: All Terms
Course Type(s): None
Independent research in Real Estate is for areas of Real Estate not substantially treated in a regular course offering. It is done under the supervision of a Leon Hess Business School faculty member, and written evaluation of the research is required.

Chemistry (CE)

CE-560 Chemistry and Physics in Elementary Education Credits: 3
Prerequisite: Bachelor's degree in a non-science field, or permission of the instructor.
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.

CE-598 Special Topics in Chemistry Credits: 1-3
Prerequisite: The equivalent of a Monmouth University baccalaureate minor in Chemistry or permission of the chair.
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.

Communication (CO)

CO-COL Colloquium in Communication Credits: 1
Term Offered: All Terms
Course Type(s): None
Required in first semester of graduate study. 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. (One section required) This is a pass/fail course.

CO-CPE Communication Comprehensive Exam Credits: None
Course Type(s): None
Communication Comprehensive Exam This is a pass/fail course.

CO-501 Communication Theories for Professional Life Credits: 3
Term Offered: All Terms
Course Type(s): EN.RW
Introduces foundational ideas in the fields of human and mass communication and the ways scholars have developed these through research. Highlights theories that apply to public service communication (social responsibility, relationship building, etc.). Students learn to write literature review exploring recognized branch of theory.

CO-502 Research Methods for Professional Life Credits: 3
Term Offered: All Terms
Course Type(s): None
Introduces commonly employed quantitative and qualitative research techniques in communication as well as research ethics. Students learn to design a research project, conduct a pilot study, and write a formal proposal. Research for the public good will be emphasized.

CO-503 Graduate Foundations in Communication Credits: 3
Term Offered: All Terms
Course Type(s): None
Introduces new students to the field of communication, its history, branches and disciplines, emphasizing communication for the public good. Assists students in meeting demands of graduate study, using research resources, and understanding departmental policies. Establishes public service objectives of the program. Introduces options for final thesis or project. Students create a plan of study to guide future course and project selections.

CO-504 Principles of Public Relations Credits: 3
Term Offered: All Terms
Course Type(s): None
Explores the theoretical foundations and principles that encompass the field and practice of public relations. In addition to surveying relevant public relations communication theories, students will develop core competency skills in the creation and execution of strategies and tactics that encompass comprehensive public relations campaigns.

CO-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: All Terms
Course Type(s): TPS
A survey of the rhetorical principles that provide a basis for the production and analysis of effective oral presentation and impression management. Speech writing and delivery of persuasive presentations with a particular emphasis on presentational technologies. Preparation for a variety of public communication challenges are studied, and student presentation skills are honed in practice sessions.
CO-509 Communication, Culture, and Community  Credits: 3  
Term Offered: All Terms  
Course Type(s): TPS  
Fosters an understanding of community as a communication concept and explores the performance of community roles through civic engagement and democratic participation. Students will explore the nature of community, the impact of institutions in everyday life, the consequences of individual, social, and global privilege, and the role of personal responsibility in communities. Students test the possibilities and problems of contemporary forms of community through a community-based service project.

CO-510 Global Communication  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 and media. Global communication will be portrayed from different perspectives and this class will examine major trends and stakeholders. Global communication will be examined from theoretical, historical, cultural, economic, public policy, journalism and media, new technology, communication industry and public relations perspectives.

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 in-depth study of the strategic application of integrated digital and social communication tactics as they relate to the fields and practice of public relations and marketing. Through the strategic development of digital integrated communication plans, students will gain an increased understanding of how to engage clients and build online communities, identify influences, establish thought leadership and apply digital marketing techniques.

CO-512 Intercultural Communication and Diversity Management  Credits: 3  
Term Offered: 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.

CO-514 Conflict Management and Negotiation  Credits: 3  
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.

CO-516 Public Relations and Fundraising for Nonprofits  Credits: 3  
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.

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

CO-524 Public Opinion and Media  Credits: 3  
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.

CO-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 PS-525.

CO-526 Advanced Public Relations Planning  Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
Explores advanced theoretical foundations and principles demanded of public relations professionals working with corporations, for-profit entities, and non-profit organizations. In addition to surveying relevant public relations communication theories, students will develop advanced competency skills required to plan and execute comprehensive public relations campaigns. Also examines the dynamics of the evolving approach to integrated marketing communication that currently dominates the field and practice of public relations.
CO-527 Crisis and Issues Management  
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  
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  
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  
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  
Term Offered: All Terms  
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-565 Special Event Planning and Promotion  
Term Offered: All Terms  
Course Type(s): None  
Many organizations use events as a public relations strategy to build and maintain relationships with key stakeholders. Through case study analysis, practical assignments, and examination of key public relations theories, this course introduces students to successful event planning and promotion. Emphasis is on creating, organizing, identifying sponsors, publicizing and implementing special events.

CO-584 Leadership Communication  
Term Offered: All Terms  
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  
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-595 Corporate and Public Communication Internship  
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.

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.

CO-599 Independent Study in Communication  
Term Offered: All Terms  
Course Type(s): None  
Guided research in selected topics in Communication.

CO-691 Communication Thesis Proposal  
Term Offered: All Terms  
Course Type(s): None  
A two-semester sequence of an independent research study in consultation with a faculty thesis advisor. In this first semester, the student will select an area of communication research and develop a thesis proposal. The completed ten to fifteen page proposal will include a research question or hypothesis, rationale for study, literature review, methodology, and (if applicable) approval from the Institutional Review Board for research involving human participants.
A two-semester sequence of an independent research study in consultation with a faculty thesis advisor. In the second semester, the student will complete work to execute the thesis proposal from CO-691. The completed twenty-five to thirty-page thesis will include a research question or hypothesis, rationale for study, literature review, methodology, results, discussion, conclusion, complete bibliography, and appropriate appendices. Upon completion of the study, the student is required to defend the thesis before a faculty committee and to make a presentation in Communication COL, Graduate Colloquium.

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.

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 Communication 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 Communication COL, Graduate Colloquium.

Course Type(s): None
Prerequisites: CS-501A, passed with a grade of B or higher.

CS-501A Computer Programming Essentials
Credits: 3
Course Type(s): TPS
An introduction in computer programming for newly admitted graduate students. Students will learn basic concepts in modern computer programming. Students will complete all the programming exercises and assignments in the modern object-oriented language.

CS-501B Program Development
Credits: 3
Prerequisite: CS-501A, passed with a grade of B or higher.
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
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
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
Term Offered: All Terms
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
Prerequisite: Open only to those students accepted in the MS program in Computer Science.
Course Type(s): None
Preparation, analysis, synthesis, and presentation of system documentation, technical papers, and data flow diagrams; literature search.

CS-512 Algorithm Design
Credits: 3
Prerequisites: CS-502 and CS-503, both passed with a grade of B- or higher.
Term Offered: All Terms
Course Type(s): None
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
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 MIS-514.
CS-515  Formal Methods  Credits: 3  
Prerequisite: CS-509, passed with a grade of B- or higher.  
Term Offered: All Terms  
Course Type(s): None  
The use of formal specifications to describe the behavior of computer systems and the use of formal proof methods to verify design.

CS-517  Database Design and Management  Credits: 3  
Prerequisite: 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 MIS-517.

CS-518  Fundamentals of Computer Security and Cryptography  Credits: 3  
Prerequisite: CS-514 or MIS-514 passed with a grade of B- or higher.  
Term Offered: All Terms  
Course Type(s): None  
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-519  Advanced Operating Systems  Credits: 3  
Prerequisites: CS-505 and CS-509, both passed with a grade of B- or higher.  
Term Offered: All Terms  
Course Type(s): None  
Advanced operating systems with a number of case studies. Emphasis is placed on issues in both centralized and distributed operating systems (concurrency control, resource management, file systems, network interface). Flavored with UNIX; some prior knowledge of C will be an asset, but is not necessary.

CS-520  Introduction to Intelligent Systems  Credits: 3  
Prerequisites: CS-502 and CS-503, both passed with a grade of B- or higher.  
Course Type(s): None  
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  
Prerequisites: CS-503 and CS-520, both passed with a grade of B- or higher.  
Course Type(s): None  
Basic and advanced methods in symbolic and quantitative artificial intelligence through Lisp programming techniques. Current issues concerning rule-based vs. statistical methods via applications.

CS-522  Knowledge Fusion  Credits: 3  
Prerequisites: CS-517 and CS-520, both passed with a grade of B- or higher.  
Term Offered: All Terms  
Course Type(s): None  
Fundamental techniques for integrating information from heterogeneous sources to obtain actionable knowledge. The sources of information include databases, files, and Web pages. Covered techniques include both those based upon logic and also approaches based on probabilistic reasoning.

CS-523  Networked Information Systems  Credits: 3  
Prerequisites: CS-505 and CS-517, both passed with a grade of B- or higher.  
Course Type(s): None  
Basic principles, techniques, and tools for building networked information systems with a significant database component. Current protocols, languages, and data formats.

CS-525  Simulation  Credits: 3  
Prerequisites: CS-502, CS-503, and CS-514, all passed with a grade of B- or higher.  
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-526  Performance Evaluation  Credits: 3  
Prerequisites: CS-501B, CS-502, and CS-514, all passed with a grade of B- or higher.  
Term Offered: All Terms  
Course Type(s): None  
The role of performance evaluation in the product lifecycle. Introduction to Markov chains and elementary queuing theory; complementary roles of analytic and simulation methods and applications to performance evaluation of computer and communication systems.

CS-528  Database and Transactions Security  Credits: 3  
Prerequisites: CS-517 and CS-518, both passed with a grade of B- or higher.  
Term Offered: All Terms  
Course Type(s): None  
An overview of the methodologies to protect data. It covers both traditional and emerging security mechanisms and services, as well as the common threats and vulnerabilities of database and transaction processing systems. The topics include: discretionary and mandatory access controls in database systems, secure database design, data integrity, secure transaction processing, inference controls, and auditing. Also covers security models for relational and object-oriented databases, and security of databases in a distributed environment. Both theoretical and practical issues will be addressed in the course.

CS-529  Web Services and .NET  Credits: 3  
Prerequisite: CS-503 passed with a grade of B- or higher.  
Term Offered: All Terms  
Course Type(s): None  
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-530 Knowledge-Based Systems  
**Credits:** 3  
**Prerequisites:** CS-502 and CS-509, both passed with a grade of B- or higher.  
**Course Type(s):** None  
**Term Offered:** All Terms  
Fundamental techniques in building knowledge-based systems using logic programming technology; applications of knowledge-based systems; Prolog programming techniques; using advanced Prolog programming environments.

### CS-531 Intelligent Interfaces  
**Credits:** 3  
**Prerequisites:** CS-503 and CS-520, both passed with a grade of B- or higher.  
**Course Type(s):** None  
**Term Offered:** All Terms  
Computer-human interfaces that use speech understanding and image processing (such as handwriting).

### CS-532 Compiler Design  
**Credits:** 3  
**Prerequisite:** CS-512, passed with a grade of B- or higher.  
**Course Type(s):** None  
**Term Offered:** All Terms  
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  
**Prerequisites:** CS-502 and CS-503, both passed with a grade of B- or higher.  
**Term Offered:** All Terms  
Database System Implementation, 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  
**Prerequisites:** CS-502, CS-505, and CS-514, all passed with a grade of B- or higher.  
**Course Type(s):** None  
**Term Offered:** All Terms  
In-depth coverage of the lower layers of the network hierarchy: Physical layer, Data Link layer, Network layer, and Transport layer.

### CS-537 Client-Server Interfaces  
**Credits:** 3  
**Prerequisites:** CS-505, CS-509, and CS-514, all passed with a grade of B- or higher.  
**Course Type(s):** None  
**Term Offered:** All Terms  
Design of client-server systems. This is a project-dominated course. Students from the AI stream will design and implement a distributed client-server system for some AI application, while students from the COMPUTER NETWORKS stream will be more involved in Transport layer issues. Coverage of the higher layers of the network hierarchy: Transport layer, Session layer, and Application layer. Programming with TCP and UDP.

### CS-540 Model Building and Algorithms  
**Credits:** 3  
**Prerequisites:** CS-502, CS-503, and CS-514, all passed with a grade of B- or higher.  
**Term Offered:** All Terms  
**Course Type(s):** None  
Solving real-world problems requires skills in model-building, model-selection and the application of appropriate algorithms. The applicable field of knowledge is basically Operations Research (OR). We discuss optimization (linear/integer programming, branch and bound, game theory), network and queuing models, and algorithms that may be applied in the solution of many practical problems arising, for example, in business, government, and private settings.

### CS-545 Graphics  
**Credits:** 3  
**Prerequisite:** CS-509 passed with a grade of B- or higher.  
**Course Type(s):** None  
**Term Offered:** All Terms  
Drawing with a graphics kernel, 2D and 3D transformations, view transformation, area filling, line and polygon clipping, hidden surface algorithms, curves and surfaces, Gouraud and Phong shading, pattern and texture mapping, fractals, and rendering using a ray-tracer.

### CS-550 Computer System Architecture  
**Credits:** 3  
**Prerequisite:** 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-551 Parallel Processing  
**Credits:** 3  
**Prerequisite:** CS-550, passed with a grade of B- or higher.  
**Term Offered:** All Terms  
**Course Type(s):** None  
Parallel computer paradigms, parallel processing application, conditions of parallelism, scalable computer platforms, parallelism issues, performance metrics and benchmarking, speedup performance laws for parallel systems, parallel memory organization, interconnection networks, multiprocessing and multiprocessors, multicomputers, massively parallel systems, mapping applications to parallel systems, and case studies.

### CS-560 Master's Seminar  
**Credits:** 3  
**Prerequisite:** Completion of twenty-one credits toward the MS degree, including four core courses, or permission of the instructor.  
**Course Type(s):** None  
**Term Offered:** All Terms  
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  
**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.

### CS-598 Special Topics in Computer Science  
**Credits:** 3  
**Prerequisites:** CS-502 and CS-503, both passed with a grade of B- or higher.  
**Term Offered:** All Terms  
**Course Type(s):** None  
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-618 Data Mining  
**Credits:** 3  
**Prerequisites:** CS-517 and CS-520, both passed with a grade of B- or higher.  
**Term Offered:** All Terms  
**Course Type(s):** None  
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  
Prerequisite: CS-529, passed with a grade of B- or higher.  
Term Offered: All Terms  
Course Type(s): None  
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-627 Quantitative Systems Engineering  
Prerequisite: Computer Science 526, passed with a grade of "B-" or higher.  
Term Offered: All Terms  
Course Type(s): None  
Development of methods and techniques for analyzing the performance of complex systems. Application to the performance engineering of computer/communications systems, including distributed computing/information systems and integrated telecommunications.

CS-628 Security of E-Systems and Networks  
Prerequisite: CS-518, passed with a grade of B- or higher.  
Term Offered: All Terms  
Course Type(s): None  
The fundamental techniques in security of e-based Systems and Computer Networks. E-based systems are ubiquitous in the modern world with applications spanning e-commerce, e-government, e-services, Virtual Private Networks (VPNs), health care, and government organizations. Deals with the fundamental concepts and tools of security of e-based systems and computer networks and its range of applications. The topics to be covered include: authentication of users, system integrity, confidentiality of communication, availability of business service, non-repudiation of transactions, public key cryptosystems, authentication and digital signature, e-security tools such as Public Key Infrastructure (PKI) systems, biometric-based security systems, trust management systems in communication networks, intrusion detection systems, protecting against malware, and computer network security risk management. Intended for graduate students in computer science, software engineering, and electrical engineering who have some background in computer networks and fundamentals of computer security.

CS-635 Wireless Network Systems and Security  
Prerequisite: CS-514, passed with a grade of B- or higher.  
Term Offered: All Terms  
Course Type(s): None  
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  
Prerequisites: Completion of all foundation and core courses and departmental approval.  
Term Offered: All Terms  
Course Type(s): None  
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  
Prerequisites: Completion of all foundation and core courses and departmental approval.  
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-692 Computer Science Thesis II  
Prerequisite: 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: CS-503, passed with a grade of B or higher or as announced in the course schedule.  
Term Offered: All Terms  
Course Type(s): None  
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  
Prerequisite: 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.)

Criminal Justice (CJ)

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  Credits: 3
Term Offered: All Terms
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
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.

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

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

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

CJ-542  Computer Application in Criminal Justice  Credits: 3
Term Offered: 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  Credits: 3
Term Offered: All Terms
Course Type(s): None
Probes ethical issues that arise throughout the criminal justice system. Students will examine the fundamental meaning of justice, explore approaches to moral reasoning, and investigate issues such as the use of discretion, capital punishment, prisoners’ rights, and other ethics of criminal justice research.

CJ-550  Seminar: Police Administration  Credits: 3
Term Offered: 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.

CJ-552  Computer Crime  Credits: 3
Term Offered: All Terms
Course Type(s): None
Understanding the nature of computer crime and the basic principles of technology in order to provide a foundation for criminal investigation.

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

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

CJ-562  Graduate Criminal Justice Internship  Credits: 3
Term Offered: All Terms
Course Type(s): None
Provides the student an opportunity to integrate academic theory with experiential learning. Each student will have an opportunity to focus on areas specific to his/her career objectives. Intern students will evaluate principles of the criminal justice system through on-site participation at an approved criminal justice agency. Executive writing opportunities will be an integral component of this course.
CJ-565 Comparative Criminal Justice Systems Credits: 3
Term Offered: All Terms
Course Type(s): None
Compares and contrasts the main similarities and differences among the major criminal justice systems in the world, including the civil law, common law, socialist law, and Islamic law families.

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

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

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

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

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.

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

CJ-662 Psychopathology of Crime and Terrorism Credits: 3
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 Credits: 3
Corequisite: CJ-535.
Term Offered: All Terms
Course Type(s): None
Independent investigation of special topics reflecting the research interests of the sponsoring professor.

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

Education (ED)

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  Foundations of Education  Credits: 3
Term Offered: All Terms
Course Type(s): None
An introduction to education in the United States. Principles and practice for instructional delivery 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. Fieldwork hours required for Education majors.

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
Prerequisites: ED-510 and ED-550.
Term Offered: All Terms
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 and to structure and implement learning experiences that effectively promote academic achievement and personal growth for all middle-grade students. Fieldwork is required.

ED-529  Content Literacy  Credits: 3
Term Offered: All Terms
Course Type(s): None
Focuses on theory, methods, strategies, and materials for teaching literacy in all content areas, with an emphasis at the secondary level of education. The use of literature in all content areas will be explored, leading to a better understanding of the interdisciplinary approach to learning at the secondary level. Fieldwork hours are required.

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: All Terms
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.

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: ED-510.
Term Offered: All Terms
Course Type(s): MAT
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 from a multicultural perspective 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. Fieldwork is required.

ED-552  Child and Adolescent Development  Credits: 3
Term Offered: All Terms
Course Type(s): None
Psychological, sociological and physiological development related to academic functioning of children and adolescents. Learning theories studied are related to current educational concerns in this age group. For Education majors only.

ED-554  Supplemental Instruction in Reading and Mathematics  Credits: 3
Prerequisites: 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-555  Teaching Elementary Mathematics  Credits: 3
Prerequisites: ED-510, ED-550, and ED-552.
Term Offered: All Terms
Course Type(s): None
Provides elementary teacher candidates with a modern vision of elementary mathematics and beyond. Candidates will learn to create a math classroom where students of diverse backgrounds and abilities can construct a conceptual as well as a procedural understanding of mathematics. Fieldwork is required.

ED-560  Methods of Teaching in Secondary Education  Credits: 3
Prerequisites: ED-510, ED-550, ED-552, and permission of the MAT program director.
Term Offered: All Terms
Course Type(s): None
A general methods course designed for candidates who are preparing to teach in subject-specific classrooms in high school environments. Provides an integrated perspective of general teaching methods from grade 9 through grade 12. Fieldwork is required.
ED-562  Methods of Teaching Science at the Elementary Level  Credits: 3
Prerequisites: ED-510, ED-550, and ED-552.
Term Offered: All Terms
Course Type(s): None
Provides an integrated perspective of teaching science at the elementary level. This perspective will allow future elementary teachers to understand how foundational science concepts should be taught. It will allow future elementary teachers to appreciate the developmental needs of early learners and the corresponding pedagogy utilized. Predominantly hands-on, interrelated to the national and New Jersey Science Core Curriculum Content Standards, providing useable materials adapted to each student’s needs. Fieldwork is required.

ED-563  Assessment and Treatment of Literacy Problems  Credits: 3
Prerequisite: 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  Preparing for School Mathematics: Secondary  Credits: 3
Prerequisites: ED-510, ED-550, and ED-552.
Course Type(s): None
Provides secondary-mathematics teacher candidates with knowledge for teaching secondary mathematics. Candidates will learn to create a math classroom where students of diverse backgrounds and abilities can construct a conceptual, as well as a procedural, understanding of mathematics. Fieldwork is required.

ED-565  Methods of Teaching Mathematics for Secondary School Part II  Credits: 3
Prerequisite: ED-560 or ED-564.
Term Offered: All Terms
Course Type(s): None
Extends the study of secondary methodology begun in ED-564. The intent is to deepen the understanding of future secondary-school teachers in the complexities of the secondary-mathematics curriculum and build their competencies at the level of instructional implementation. Instructional methodologies studied will be more broadly applied to more advanced mathematical concepts. Fieldwork is required.

ED-566  Methods of Teaching Science at the Secondary Level I  Credits: 3
Prerequisites: ED-510, ED-550, and ED-552.
Term Offered: All Terms
Course Type(s): None
Provides the candidates with an understanding of the concepts and relationships of science to support student learning. The teaching strategies and techniques are based on research and emphasize the need to provide equal opportunities for all learners. Focuses on teaching science through inquiry as defined by state and national standards for science education. Fieldwork is required.

ED-567  Methods of Teaching Science at the Secondary Level II  Credits: 3
Prerequisite: ED-560 or ED-566.
Term Offered: All Terms
Course Type(s): None
Science methods for initial MAT students at the secondary level. Provides active learning of science concepts through various inquiry activities. Following the learning theories that have produced both the National Science Education 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. Designed for those with a strong background in science. Fieldwork is required.

ED-576  Teaching Social Studies at the Elementary Level  Credits: 3
Prerequisites: 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-curriculum integration, particularly world languages and culture, personal and social problem solving, and situated cognition in social studies education learning. Fieldwork is required.

ED-579  Teaching Social Studies and Cultural Education at the Secondary Level  Credits: 3
Prerequisites: 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 standards for social education curriculum across the social science disciplines. Fieldwork is required.

ED-580  Secondary Social Studies Education Part II  Credits: 3
Prerequisite: ED-560 or ED-579.
Term Offered: All Terms
Course Type(s): None
Expands and further develops competencies covered in Part I. Instructional methodologies focusing on a constructivist, student-centered approach will be explored. Targets strategies for future secondary teachers to meet the New Jersey Core Curriculum Content Standards for Social Studies including: 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 effective use of community-based resources. Fieldwork is required.
ED-582  World Language Education  Credits: 3
Prerequisites: ED-529, ED-550, and FO-599.
Term Offered: All Terms
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
Prerequisites: ED-529, ED-550, and EN-563.
Term Offered: All Terms
Course Type(s): MAT
With an emphasis on teaching English through content, Part I of this two-semester course introduces the history of ESL teaching and critically explores exemplary curriculum designs and methods of teaching ESL. A wide range of ESL instructional strategies 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. Fieldwork is required.

ED-584  Theories and Practice of ESL Instruction Part II  Credits: 3
Prerequisite: ED-583.
Term Offered: All Terms
Course Type(s): None
A continuation of Part I, examines public issues pertinent to ESL education with an emphasis on making connections between theories or research findings and classroom practice. While more approaches to ESL instruction will be introduced, a wide range of ESL instructional materials, services, and assessment measures will be introduced and explored. Fieldwork is required.

ED-585  Methods of Teaching English at the Secondary Level Part II  Credits: 3
Prerequisite: ED-560 or ED-578.
Term Offered: All Terms
Course Type(s): None
A continuation of Part I. Expands teacher candidates' understanding of the intricacies of curriculum design and planning and builds their teaching competencies in English/Language Arts at the secondary level (grades 7-12). Teacher candidates will have increased opportunities to apply theory and refine practice in the use of print and nonprint texts and in the integration of the English Language Arts. The NCTE/IRA English Language Arts Standards and the New Jersey Core Curriculum Standards for Language Arts/Literacy will be applied throughout the course. Fieldwork is required.

ED-586  Bilingual Education: Theories and Practices  Credits: 3
Prerequisite: 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. Fieldwork is required.

ED-587  Integrated Methods in K-12 Education  Credits: 3
Prerequisites: ED-510, ED-550, ED-552, and a minimum GPA of 3.00.
Term Offered: All Terms
Course Type(s): None
In-depth understanding and application of curriculum and instruction in K-12 education. Fieldwork is required.

ED-588  World Language Education  Credits: 3
Prerequisites: ED-529, ED-550, and FO-599.
Term Offered: All Terms
Course Type(s): None
Issues and practices in world language education. Fieldwork is required.

ED-589  Supervised Student Teaching  Credits: 9
Prerequisites: Passing score on the appropriate Praxis test(s) prior to registration and completion of all coursework.
Term Offered: All Terms
Course Type(s): None
Student teaching for teacher candidates provides experiences with regular and special education students. Under college supervision and working with a cooperative teacher, student teacher candidates assume full responsibility for lesson planning and teaching. Permission of the MAT Director is required to register.

ED-590  Methods of Teaching Health K-12  Credits: 3
Prerequisites: ED-510, ED-550, and ED-552.
Term Offered: All Terms
Course Type(s): None
Focuses on the planning, development, and teaching of health education in K-12 school settings. Emphasis will be placed on using recent data and contextual information to design instruction that focuses on the importance of exercise, family and community, school and work environments, and diet to promoting and maintaining good health throughout life for students with diverse needs and from diverse backgrounds. Fieldwork is required.

ED-591  Methods of Teaching Physical Education K-12  Credits: 3
Prerequisites: ED-510, ED-550, and ED-552.
Term Offered: All Terms
Course Type(s): None
Designed to present current methods and techniques of teaching physical education to students in grades K-12. Particular attention will be on new techniques for adjusting tasks for a wide variety of children's interests, abilities, and learning styles, and ensuring safe use of equipment in physical education. In addition, lifetime sports and activities for students with diverse needs and from diverse backgrounds will be highlighted. Fieldwork is required.

ED-592  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.

ED-593  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.
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**  
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**  
Term Offered: All Terms  
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**  
Term Offered: All Terms  
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**  
Term Offered: All Terms  
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**  
Term Offered: All Terms  
Course Type(s): None  
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**  
Term Offered: All Terms  
Course Type(s): None  
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**  
Term Offered: All Terms  
Prerequisite: ED-624.  
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: All Terms  
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): None  
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: All Terms  
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: All Terms
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
Prerequisite: Permission of the program director.
Term Offered: All Terms
Course Type(s): None
The subject matter varies with the interest of the candidates and the professor teaching the course. The exact nature of the topic covered in any given semester is indicated on the candidate's transcript. The course curriculum will include a variety of readings, as well as a research-based summative course assessment.

ED-699  Independent Study in Education  Credits: 3
Prerequisites: Prior permission of the directing professor and department chair.
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. Application must be filed before registration.

**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: All Terms
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: All Terms
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-520  Advanced Topics in Race and Racism  Credits: 3
Prerequisite: 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.
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: 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
Prerequisites: 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-545  Career Development and Counseling  Credits: 3
Prerequisites: Educational Counseling 500, 505, and 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.

EDC-550  Counseling At-Risk Children and Families  Credits: 3
Prerequisites: 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
Prerequisites: 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
Prerequisites: 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: All Terms
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: All Terms
Course Type(s): None
A comprehensive approach to assessment and treatment planning with alcohol and drug-affected students, including the intake interview, clinical assessment, and administration and interpretation of formal and informal instruments. Attention is given to the roles of the substance awareness coordinator and the counselor in assessment, referral, and intervention.

EDC-580  Behavioral Issues in Counseling   Credits: 3
Term Offered: All Terms
Course Type(s): None
Designed to explore the contemporary behavioral issues that affect preschool through university level students and their families. Emphasis will be placed on a comprehensive understanding of commonly encountered behavioral issues such as ADD/ADHD, Persuasive Development Disorders, and Mood Disorders. Students will learn the process of identification, assessment, intervention, and follow-up of working with students with such issues.

EDC-598  Special Topics in Educational Counseling   Credits: 3
Term Offered: All Terms
Course Type(s): None
The subject matter varies with the interest of the students and the professor. The exact nature of the topic covered in any given semester is indicated on the student's transcript.

EDC-599  Independent Study in Educational Counseling   Credits: 3
Prerequisites: Prior permission of the directing professor and department chair.
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. Application must be filed before registration.

EDC-600  Practicum in Counseling   Credits: 3
Prerequisites: 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
Prerequisites: EDC-500, EDC-505, EDC-520, EDC-530, EDC-535, EDC-540, EDC-600 and completion of twenty-four credits.
Corequisite: EDC-CPE.
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
Prerequisites: EDC-500, EDC-505, EDC-520, EDC-530, EDC-535, EDC-540, EDC-600 and completion of twenty-four credits.
Corequisite: EDC-CPE.
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: EDC-601A or EDC-601B.
Corequisite: EDC-CPE.
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: EDC-601A or EDC-601B.
Corequisite: EDC-CPE.
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: 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 SW-605.

EDC-610 SAC Internship Credits: 3
Prerequisites: 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.

Education Educational Leadership (EDL)

EDL-CPE Comprehensive Examination Credits: None
Prerequisite: EDL-680.
Term Offered: All Terms
Course Type(s): None
Students will complete a comprehensive project demonstrating their clinical and research skills. This is a pass/fail course.

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 Reading and Language Arts Literacy Development Credits: 3
Term Offered: All Terms
Course Type(s): None
Content focuses on principles, methods, and materials applicable to teaching, reading, and writing to the beginning and skilled reader. Topics will include current approaches for developing literacy within a diverse population of learners. Comprehension, content, and vocabulary strategies are presented. The writing process and writer’s workshop are explored. Preparations students for participation in school-based experience. Fieldwork is 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): 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 learners in a literate environment and assisting and supporting colleagues and paraprofessionals. Word identification, vocabulary, comprehension, and content strategies will be presented.

EDL-516 Literacy Strategies for All Learners I Credits: 3
Term Offered: All Terms
Course Type(s): None
Explores word identification and vocabulary research and instructional strategies for all learners including those from culturally diverse backgrounds. Individual and group instructional techniques in the area of phonemic awareness, phonics, word recognition, vocabulary, and fluency are explored in environments that promote collaboration and self-regulation. Instructional teaching strategies and techniques for coaching colleagues and paraprofessionals are practiced in real settings.

EDL-517 Literacy Strategies for All Learners II Credits: 3
Term Offered: All Terms
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: All Terms
Course Type(s): None
Focuses on multicultural literature and how it is integrated into a classroom and/or school-wide literacy program. A wide array of multicultural literature and other genres for children and young adults will be presented, studied and integrated into a Teacher Work Sample. Coaching colleagues and paraprofessionals is emphasized.

EDL-526 Strategies for Teaching Writing, K-12 Credits: 3
Term Offered: All Terms
Course Type(s): None
Provides an in-depth study of strategies for teaching various types of writing to elementary and secondary students. It involves assessing and instructing students who require assistance with the development of written expressive language under the direction of a University supervisor.

EDL-527 Literacy Trends and Issues Credits: 3
Term Offered: All Terms
Course Type(s): None
Focuses on issues, problems, and trends in the field of literacy. The content includes the study of divergent viewpoints and research regarding theories, instructional strategies, assessment, classroom environment and professional development.

EDL-530 School Law and Policy Credits: 3
Term Offered: All Terms
Course Type(s): None
A study of court decisions addressing the legal principles affecting education, schools, and school professionals. Constitutional, statute, and administrative laws related to education are examined and analyzed through case studies and Socratic methods.

EDL-531 Economics and School Business Leadership Credits: 3
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): None
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: All Terms
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-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.

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
Prerequisites: EDL-551 and EDL-552.
Term Offered: All Terms
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
Prerequisites: EDL-551 and EDL-552.
Term Offered: All Terms
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: 4
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
Prerequisite: EDL-564.
Term Offered: All Terms
Course Type(s): None
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: EDL-564.
Term Offered: All Terms
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-569  Public School Supervision and Communication**  
Credits: 3  
Prerequisite: 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**  
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  
Prerequisites: ED-510, ED-550, ED-552 and EDL-503.  
Term Offered: All Terms  
Course Type(s): None  
Provides candidates with the knowledge of language as a medium for teaching and learning. Candidates will be introduced to strategies that facilitate an integrated approach to language arts and content literacy instruction. The use of literature in all content areas will be explored, leading to a better understanding of the interdisciplinary approach to learning at the elementary level. Fieldwork is required.

**EDL-582  Practicum in Supervision and Curriculum P-12**  
Credits: 3  
Prerequisite: 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**  
Credits: 3  
Prerequisites: 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: EDL-569.  
Corequisite: EDL-590A.  
Term Offered: All Terms  
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: EDL-588.  
Corequisite: EDL-590B.  
Term Offered: All Terms  
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  
Corequisite: EDL-588.  
Term Offered: All Terms  
Course Type(s): None  
Designed to occur over one semester and culminate in the accruing of 150 internship hours out of the required 300 internship hours required for certification. These hours must be done under the guidance of a building principal and involve the day-to-day responsibilities and activities of the building principal. The first 150 hours may be done in the candidates own building. The second 150 hours must be done in a diverse school setting different from the candidates previous setting (different grade configuration). Candidates will provide weekly logs and reflections.

**EDL-590B  Internship for School Leadership (P-12) II**  
Credits: 1  
Corequisite: EDL-589.  
Term Offered: All Terms  
Course Type(s): None  
Designed to occur over one semester and culminate in the accruing of 150 internship hours out of the required 300 internship hours required for certification. These hours must be done under the guidance of a building principal and involve the day-to-day responsibilities and activities of the building principal. The first 150 hours may be done in the candidates own building. The second 150 hours must be done in a diverse school setting different from the candidates previous setting (different grade configuration). Candidates will provide weekly logs and reflections.

**EDL-593  Administration and Supervision of Literacy Practices and Professional Development for School Leaders**  
Credits: 3  
Prerequisite: 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  
Prerequisite: Permission of the program director is required.  
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.
EDL-599 Independent Study in Education Credits: 3
Prerequisites: Prior permission of the directing professor and department chair.
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. Application must be filed before registration.

EDL-600 Professional Issues in Speech-Language Pathology Credits: 3
Term Offered: All Terms
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.

EDL-601 Research Methodology and Applications I Credits: 3
Term Offered: All Terms
Course Type(s): None
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.

EDL-602 Research Methodology and Applications II Credits: 3
Prerequisite: EDL-601.
Term Offered: All Terms
Course Type(s): None
This course is designed to extend students’ understanding of research methodological knowledge and techniques presented in EDL-601 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: All Terms
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-604 Clinical Methods in Speech-Language Pathology Credits: 3
Term Offered: All Terms
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. This is a pass/fail course.

EDL-606 Research Based Program Evaluation and Decision Making Credits: 3
Prerequisite: EDL-609.
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-610 Neurological Language Disorders and Aphasia Credits: 3
Term Offered: All Terms
Course Type(s): None
Addresses the nature, etiology, and clinical management of adults with acquired language disorders, with primary emphasis on aphasia and related cognitive disorders. Students will study the structures and functions of the central and peripheral nervous system as they relate to human speech, language and cognition.

EDL-614 Assessment and Treatment of Dysphagia Credits: 3
Term Offered: All Terms
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.

EDL-620 Practicum in Executive Leadership Credits: 3
Prerequisite: EDL-589.
Term Offered: All Terms
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-625 Assessment Procedures in Speech-Language Pathology Credits: 3
Term Offered: All Terms
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.
EDL-630  Pediatric Language Disorders  Credits: 3
Term Offered: All Terms
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.

EDL-636  Communication in Autism Spectrum Disorders  Credits: 3
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.

EDL-645  Speech Sound Disorders  Credits: 3
Term Offered: All Terms
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.

EDL-650  Fluency Disorders  Credits: 3
Term Offered: All Terms
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.

EDL-655  Disorders of Voice and Resonance  Credits: 3
Term Offered: All Terms
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.

EDL-660  Motor Speech Disorders  Credits: 3
Term Offered: All Terms
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.

EDL-664  Audiology and Aural Rehabilitation  Credits: 3
Term Offered: All Terms
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.

EDL-665  Augmentative and Alternative Communication  Credits: 3
Term Offered: All Terms
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.

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 Psychological Counseling 671 and Social Work 671.

EDL-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 Psychological Counseling 672 and Social Work 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 Psychological Counseling 673 and Social Work 673.

EDL-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 Psychological Counseling 674 and Social Work 674.

EDL-675  Traumatic Brain Injury  Credits: 3
Term Offered: All Terms
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.
EDL-679 Diagnostic Practicum in Speech-Language Pathology  
Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
Provides clinical practicum hours in the assessment of speech and language in children and adults. Students will plan, carry out and report diagnostic assessments.

EDL-680 Research Methods  
Credits: 3  
Term Offered: All Terms  
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.

EDL-681 Clinical Practicum I  
Credits: 3  
Prerequisite: EDL-604.  
Term Offered: All Terms  
Course Type(s): None  
Provides supervised clinical practicum hours in therapeutic management of speech and language disorders.

EDL-682 Clinical Practicum II  
Credits: 3  
Prerequisite: EDL-681.  
Term Offered: All Terms  
Course Type(s): None  
Provides supervised clinical practicum hours in therapeutic management of speech and language disorders.

EDL-683 External Clinical Practicum I  
Credits: 3  
Prerequisite: EDL-682.  
Term Offered: All Terms  
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.

EDL-684 External Clinical Practicum II  
Credits: 3  
Prerequisite: EDL-683.  
Term Offered: All Terms  
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.

EDL-699 Independent Study in Educational Leadership  
Credits: 1-3  
Prerequisite: Prior permission of the directing professor and department chair.  
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. Application must be filed before registration.

Education Special Education (EDS)  

EDS-500 Integrated Approach to Foundations of Special Education  
Credits: 3  
Term Offered: All Terms  
Course Type(s): MAT  
Focuses on topics related to Special Education as a profession. The study of legal, social, 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.

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): None  
An appraisal of current practices and issues in the field of special education is conducted through discussion and review of the research literature. Candidates 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: All Terms  
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: 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. Fieldwork is 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.

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-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
Prerequisites: EDS-500, EDS-535, EDS-537, and EDS-572.
Term Offered: All Terms
Course Type(s): None
Methods in the field of special education are emphasized. Focus on identifying and creating accommodations and modification to meet the needs of all students in special education and inclusive settings. (Field experience is 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: EDS-566.
Term Offered: All Terms
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: 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 across the content area; accommodations and adaptations; technology across the curriculum; as well as the learning implications of classroom organization and planning. This course requires demonstration that enrollees are able to evaluate, design, structure and implement instructional techniques and curriculum adaptations for students with learning problems. Field experience is required.)

EDS-570  Assessment and Curricula Interventions and Strategies  Credits: 3
Term Offered: All Terms
Course Type(s): None
A supervised clinical course where candidates develop assessment plans and conduct assessments of students (P-12) who are at risk or who have learning problems. Content includes: evaluation of sound assessment; reliability and validity; formal and informal assessment techniques; administration of norm-referenced and informal tests; analysis of data; and the interpretation of assessment for educational intervention and instructional planning. The knowledge and skills of the educational diagnostician are also emphasized.
EDS-571  Management of Challenging Behaviors  Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
An overview of the use of applied behavior analysis (ABA) for individuals with autism is the main focus of the course. Included are methods to increase behaviors, decrease behaviors, maintain behaviors, and generalize behaviors. Observation skills, data collection, and monitoring effectiveness of interventions are practiced. (Field experience is required.)

EDS-572  Assessment Strategies and Applications in the Classroom  Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
Focuses on the educational assessment of students P-12 who may be at risk or who have been identified as having learning problems. Course content includes a discussion of assessment processes and concerns, importance of early intervention and procedural considerations. The course also includes an emphasis on educational interventions and strategies necessary to create an environment that leads to success for all learners with special needs. Further topics that are presented include accommodations and adaptations; technology across the curriculum; and learning implications of classroom assessments, classroom organization and planning. Candidates must demonstrate that they are able to create informal assessments, analyze data and structure and collaborate about instructional techniques and curriculum adaptations for students with learning problems. (Field experience is required.)

EDS-580  Research Seminar in Autism  Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
Research in the field of autism 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 on autism. Candidates will prepare and implement a comprehensive research project and share the results. (Field experience is required.)

EDS-590  Diagnosis and Correction of Learning Disabilities  Credits: 3  
Prerequisites: 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  Credits: 3  
Prerequisite: Permission of the program director is required.  
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.

EDS-599  Independent Study in Special Education  Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
Independent research in education in an area not substantially treated in a regular course offering, under the supervision of an Education faculty member; written evaluation of the research is required. For students with superior ability.

EDS-601  Applied Behavior Analysis: Selecting, Defining and Measuring Behavior and Evaluating Behavior Change Credits: 3  
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  Credits: 3  
Prerequisite: EDS-601.  
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  
Prerequisites: 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  
Prerequisites: 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  
Prerequisites: 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
Prerequisites: 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
Prerequisites: EDS-570 and 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.

English (EN)

EN-ESS English Master's Essay Credits: None
Prerequisites: Completion of twenty-one credits and a minimum GPA of 3.00. Students may register for Master's Essay (EN-ESS) in a summer session if their Essay advisor is agreeable.
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 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: 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: All Terms
Course Type(s): EN.1, EN.LT
Intensive study of the major genres and authors of English literature from 1550-1660, the age of Spenser, Johnson and Milton. Lyric and epic poetry, drama, prose fiction, and the essay are represented.

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

EN-525 Eighteenth Century British Literature Credits: 3
Term Offered: 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: All Terms
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: All Terms
Course Type(s): EN.3, EN.LT
Major literary texts from three broad areas of the non-Western world (African Diaspora, Asia, and the Middle East) will be critically examined, including literary trends, theories, and criticism. Selections will be drawn from poetry, fiction, non-fiction, and drama.

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

EN-535 The Novel in English Credits: 3
Term Offered: All Terms
Course Type(s): EN.3, 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: All Terms
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: All Terms
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: All Terms
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: All Terms
Course Type(s): EN.4, EN.RW
Examines important texts in the history of persuasion and argumentation. Covers the era when Rhetoric - the study and practice of persuasion and argumentation - was one of the fundamental disciplines (the "Trivium") that every educated person had to learn.

EN-547 Definitions of Contemporary Rhetoric
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: All Terms
Course Type(s): EN.4, EN.RW
Examination of how language-using agents (corporate, governmental, educational, journalistic, and scientific) outside the activities of a professional scientific community (and sometimes within it) rely on the dominance and force of scientific language and its symbol systems to influence the society we live in.

EN-550 Feminist Theory and Criticism
Credits: 3
Term Offered: All Terms
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
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-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 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-567 Modern American Literature
Credits: 3
Term Offered: All Terms
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-580 Women in Literature
Credits: 3
Term Offered: All Terms
Course Type(s): EN.LT
Examines the role of women in literature as writers, readers and subjects. Includes theoretical consideration of gender. Topics vary by semester.

EN-599 Independent Study in English
Credits: 3
Term Offered: All Terms
Course Type(s): None
Prerequisite: Prior permission of the directing professor and department chair.
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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Term Offered</th>
<th>Course Type(s)</th>
<th>Prerequisites</th>
<th>Course Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>EN-607</td>
<td>Seminar in Creative Writing: Non-Fiction</td>
<td>3</td>
<td>All Terms</td>
<td>EN.CW</td>
<td>-</td>
<td>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.</td>
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<tr>
<td>EN-609</td>
<td>Seminar in Creative Writing: Poetry</td>
<td>3</td>
<td>All Terms</td>
<td>EN.CW</td>
<td>-</td>
<td>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.</td>
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<tr>
<td>EN-611</td>
<td>Seminar in Creative Writing: Fiction</td>
<td>3</td>
<td>All Terms</td>
<td>EN.CW</td>
<td>-</td>
<td>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.</td>
</tr>
<tr>
<td>EN-613</td>
<td>Seminar in Creative Writing: Playwriting</td>
<td>3</td>
<td>All Terms</td>
<td>EN.CW</td>
<td>-</td>
<td>In a workshop format, students will write, critique and perform stage readings of their classmates' plays. This course may be retaken for credit.</td>
</tr>
<tr>
<td>EN-615</td>
<td>Seminar in Creative Writing: Writer's Craft</td>
<td>3</td>
<td>All Terms</td>
<td>EN.CW</td>
<td>-</td>
<td>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.</td>
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<tr>
<td>EN-617</td>
<td>Advanced Academic Writing</td>
<td>3</td>
<td>All Terms</td>
<td>EN.RW</td>
<td>-</td>
<td>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.</td>
</tr>
<tr>
<td>EN-619</td>
<td>Writing and the World Wide Web</td>
<td>3</td>
<td>All Terms</td>
<td>EN.RW, EN.4</td>
<td>-</td>
<td>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.</td>
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<tr>
<td>EN-644</td>
<td>Manuscript Seminar</td>
<td>3-6</td>
<td>All Terms</td>
<td>None</td>
<td>Completion of 21 credits with a minimum GPA of 3.00 and a minimum of 6 credits in course type EN.</td>
<td>Prerequisites: Completion of 21 credits with a minimum GPA of 3.00 and a minimum of 6 credits in course type EN. Course Type(s): None Completion of a single-genre manuscript under the direction of a first reader in consultation with a second reader, both of whom are full-time faculty members, and at least one of whom must be a Graduate Faculty member of the Monmouth University Department of English. 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.</td>
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<tr>
<td>EN-691</td>
<td>English Thesis Development</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
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<tr>
<td>EN-692</td>
<td>English Thesis Writing</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>An intensive and rigorous study of an author, topic, or theme developed under the direction of and evaluated by a thesis advisor in consultation with another full-time faculty member, at least one of whom must be a member of the Graduate Faculty in the Monmouth University Department of English. 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.</td>
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<tr>
<td>FO-LTIOPI</td>
<td>Oral Proficiency Interview</td>
<td>None</td>
<td>All Terms</td>
<td>None</td>
<td>Language Testing International Examination for graduate students; requires one-hour preparation a week. This is a pass/fail course.</td>
<td></td>
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</tbody>
</table>
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.

FO-599  Independent Studies in the Teaching of World Languages  
Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
Curriculum development in foreign languages at the elementary and secondary level; the study and application of teaching methods and materials.

Foreign Language, French (FF)  

FF-511  Intensive Study: French  
Credits: 3  
Prerequisites: Undergraduate major in French and the permission of the department.  
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  
Prerequisites: Undergraduate major in Spanish and the permission of the department.  
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: FS-511.  
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  
Prerequisites: Permission of the program director, chair, and research director.  
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. Student must be within last twelve credits of graduation and have a GPA of at least 3.00.

Geography (GO)  

GO-500  Theories and Methods of Geographic Information Systems  
Credits: 3  
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  
Credits: 3  
Prerequisite: GO-500.  
Term Offered: All Terms  
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  
Credits: 3  
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  
Credits: 3  
Prerequisite: GO-500.  
Term Offered: All Terms  
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  
Credits: 3  
Prerequisite: 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)  Credits: 3
Term Offered: All Terms
Course Type(s): TL
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  Credits: 3
Prerequisite: GO-500.
Term Offered: All Terms
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  Credits: 3
Prerequisite: GO-500.
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  Credits: 3
Term Offered: All Terms
Course Type(s): None
Students will learn the principles of remote sensing, digital image processing, and image analysis. Students will also learn the basic principles of GPS, how to integrate GPS data with other GIS data sets, and how quality can affect problem solving and decision making.

GO-580  GIS and Society  Credits: 3
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  Credits: 1-3
Prerequisite: Prior permission of the directing professor and department chair.
Course Type(s): None
Reading and research under the direction of a member of the Geography faculty.

Health Studies (HE)

HE-584  Curriculum and Instruction in Health Education  Credits: 3
Term Offered: All Terms
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
Prerequisites: HS-691 and HS-692. This is a pass/fail course.

HS-501  Historical Criticism  Credits: 3
Term Offered: All Terms
Course Type(s): None
History as a scholarly discipline, with emphasis on historical interpretation and philosophy since Classical Antiquity, the evaluation of sources, and the rules of critical analysis. A research paper will be required.

HS-502  The Philosophy of History  Credits: 3
Term Offered: All Terms
Course Type(s): None
Analysis and appraisal of representative writings and philosophies of great historians from Classical Antiquity to modern times, reflecting the development of history as a scholarly discipline.

HS-503  Introduction to the Study of World History  Credits: 3
Term Offered: All Terms
Course Type(s): HSNW, 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: All Terms
Course Type(s): HSNW
Cultural developments in Mesoamerica and the Central Andes from the development of agriculture to the Spanish conquest, focusing on Inca and Aztec civilizations; theoretical exploration of developmental similarities between the two regions. Also listed as AN-504.
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 Archeology**  
Term Offered: All Terms  
Course Type(s): HSUS  
An intensive introduction to historical and industrial archeology (c. 1492+). Topics covered include exploration, imperialism, colonization, industrialization and urbanism. Archeological 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: All Terms  
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**  
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**  
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**  
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**  
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**  
Term Offered: All Terms  
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**  
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 AN-520.

**HS-521 "All the Livelong Day": The Meaning of Work in Modern America**  
Term Offered: All Terms  
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-527 United States Military History  
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  
Term Offered: All Terms  
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  
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: All Terms  
Course Type(s): HSEU  
Readings and discussion of principal aspects of Graeco-Roman culture, with emphasis on the contribution of Classical Antiquity to Western Civilization and recent research in the field.

HS-532 Native American History and Prehistory  
Term Offered: All Terms  
Course Type(s): HSNW, HSWLD  
Examines North America’s native people in the area north of the Rio Grande. It 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: 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 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: All Terms  
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: All Terms  
Course Type(s): HSEU  
The causes of the Revolution; its relationship to the Enlightenment, the political, economic, social, and cultural consequences of the 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: All Terms  
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: All Terms  
Course Type(s): HSEU  
The ideological origins of Nazism; the consolidation and character of Nazi rule; the relation of Hitler with the German people; Nazism as revolution.
HS-551 Graduate Seminar in British History
Term Offered: All Terms
Course Type(s): HSEU
Selected topics in modern English and British history, with emphasis on techniques of historical research.

HS-553 Tudor-Stuart England
Term Offered: All Terms
Course Type(s): HSEU
The political, religious, social, and cultural history of England in the sixteenth and seventeenth centuries: Tudor absolutism, the English Reformation, the rise of Puritanism, social and economic change, the conflict between crown and Parliament, the English Civil War, and the Revolution of 1688.

HS-561 Twentieth Century Russia and the Soviet Union
Term Offered: All Terms
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 as AN-562.

HS-563 Twentieth Century East Central Europe
Term Offered: All Terms
Course Type(s): HSEU
The political, economic, and social development of the lands between Germany and Russia, emphasizing the breakdown of the Ottoman and Hapsburg empires, the rise of the independent successor states between the wars, the Soviet takeover in the post-war era, and the development of "national" communism and polycentrism.

HS-572 The History of Tourism
Term Offered: All Terms
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: All Terms
Course Type(s): HSNW
A study of selected topics in Chinese or Japanese history, with emphasis on techniques of historical research.

HS-585 Seminar in African History
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: All Terms
Course Type(s): HSNW, HSWLD
Examines the process of transfer of power from colonial powers to Africans; the emergence of education elites; the rise of nationalism; implications of decolonization; and African expectations of independence.

HS-588 Decolonization in Africa 1940-1960
Term Offered: All Terms
Course Type(s): HSNW, HSWLD
Examines the process of transfer of power from colonial powers to Africans; the emergence of education elites; the rise of nationalism; implications of decolonization; and African expectations of independence.

HS-590 Paris, 1919: A World History
Term Offered: All Terms
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
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: Completion of twelve graduate 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.

HS-599 Independent Study in History Credits: 3
Prerequisite: Prior permission of the directing professor and department chair.
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.

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.

Homeland Security (HLS)

HLS-CPE Homeland Security Comprehensive Examination Credits: None
Prerequisite: Thirty-three credits successfully completed 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-610 Foundations of Homeland Security Credits: 3
Course Type(s): None
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
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
Course Type(s): None
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
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
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
Course Type(s): None
Discusses the psychology of criminal behavior and the development of the terrorist. Provides students with an in-depth examination of the psychological consequences of terrorism on a community and the impact of criminal behavior on a victim. Students will be exposed to the neurobiology of fear including predators of maladaptive/pathological response, and the biological correlates of criminal behavior. Also listed as CJ-662.

HLS-665  Emergency Management for Homeland Security  Credits: 3
Course Type(s): None
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
Prerequisites: HLS-610, HLS-620, HLS-630, and HLS-640.
Term Offered: All Terms
Course Type(s): None

HLS-675  Technology for Homeland Security  Credits: 3
Prerequisites: HLS-610, HLS-620, HLS-630, and HLS-640.
Course Type(s): None
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
Prerequisites: HLS-610, HLS-620, HLS-630, and HLS-640.
Term Offered: All Terms
Course Type(s): None
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
Prerequisites: HLS-610, HLS-620, HLS-630, and HLS-640.
Term Offered: All Terms
Course Type(s): None
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): None
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: HLS-690.
Term Offered: All Terms
Course Type(s): None
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
Prerequisite: Prior permission of the selected faculty member, program director, and chair.
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.
Information Technology (IT)

IT-500  Information Technology  Credits: 3
Term Offered: All Terms
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: IT-500.
Term Offered: All Terms
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: 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: 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.

MIS-550  Software Project Management  Credits: 3
Prerequisite: SE-504.
Term Offered: All Terms
Course Type(s): None

MIS-551  Software Organization Management  Credits: 3
Prerequisite: SE-504.
Term Offered: All Terms
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.

MIS-555  Software System Requirement  Credits: 3
Prerequisites: CS-501A and SE-504.
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
Prerequisites: CS-501A and SE-504.
Term Offered: All Terms
Course Type(s): None
Explores the techniques employed to insure quality in a software product developed in a controlled and disciplined environment. Detailed examination of software testing and inspection principles and methodologies. Provides specific methods for test case selection and inspection development leading to optimization of resource management in the software environment. For MSIS students only.
MIS-588 Information Systems Practice and Experience Credits: 1
Term Offered: All Terms
Course Type(s): None
Provides opportunity for international Information Systems graduate students on an F1 student visa to obtain related experience via employment at a local company or institution, with Monmouth University sponsorship. Available only to Information Systems graduate students who have completed at least 18 credit hours of graduate courses (500-600 level), with a minimum GPA 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
Prerequisites: BM-520, MIS-525, MIS-565, and either MIS-517 and MIS-514 and MIS-575 or BM-565 and MIS-550 and MIS-551.
Term Offered: All Terms
Course Type(s): None
First semester of independent research in management information systems, spanning a period of two consecutive semesters in an area not substantially covered in a regular course offering, under the supervision of a faculty member. A formal thesis is required. An oral defense of the thesis before a committee of two faculty members who teach MIS courses, plus the advising professor is required. Depending on the topic, a reviewer from outside the program faculty may be asked to serve as a committee member. For MSIS students only.

MIS-692 Management Information System Thesis II Credits: 3
Prerequisite: MIS-691.
Term Offered: All Terms
Course Type(s): None
Second semester of independent research in management information systems, spanning a period of two consecutive semesters in an area not substantially covered in a regular course offering, under the supervision of a software engineering faculty member. A formal thesis is required. An oral defense of the thesis before a committee of two faculty members who teach MIS courses, plus the advising professor is required. Depending on the topic, a reviewer from outside the program faculty may be asked to serve as a committee member. For MSIS students only.

MIS-695A Management Information System Practicum I Credits: 3
Prerequisites: BM-520 or BM-623 and MIS-525 and MIS-565.
Term Offered: All Terms
Course Type(s): None
A two-semester course sequence with major emphasis on a hands-on, team-oriented software development project. Students will be asked to form groups of three to five persons, which will work as a team whose purpose will be propose, plan, develop and market a software product. The teamwork exercise will be accompanied by readings, lectures and seminar discussions on economics, organizational behavior and management, managerial and financial accounting, finance, marketing, quantitative business modeling, electronic commerce, logistics, ethics, law and social responsibility. For MSIS students only.

MIS-695B Management Information System Practicum II Credits: 3
Prerequisite: MIS-695A.
Term Offered: All Terms
Course Type(s): None
A two-semester course sequence with major emphasis on a hands-on, team-oriented software development project. Students will be asked to form groups of three to five persons, which will work as a team whose purpose will be propose, plan, develop and market a software product. The teamwork exercise will be accompanied by readings, lectures and seminar discussions on economics, organizational behavior and management, managerial and financial accounting, finance, marketing, quantitative business modeling, electronic commerce, logistics, ethics, law and social responsibility. For MSIS students only.

Marine Science (MS)

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
Prerequisite: Permission of the director of the MSFM or department chair.
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: MA-501, passed with a grade of C- or higher.
Term Offered: All Terms
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
Prerequisite: Permission of the director of the MSFM or department chair.
Term Offered: All Terms
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 Credits: 3
Prerequisite: Permission of the director of the MSFM or department chair.
Term Offered: All Terms
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
Prerequisites: MA-520 and MA-530, both passed with a grade of C- or higher.
Term Offered: All Terms
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-599  Independent Study in Mathematics  Credits: 3
Prerequisites: MA-520 and MA-530, both passed with a grade of C- or higher.
Term Offered: All Terms
Course Type(s): None
Teaches the most fundamental aspect of financial mathematics and numerical implementation from a practical business. Topics include Black Sceles equations, Tree-based and Monte Carlo methods and products.

MA-595  Financial Mathematics Practicum  Credits: 3
Prerequisites: BF-511 and MA-540, both 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. Prior permission of directing professor and the chair of the department is required. 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.

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. Effective Fall 2015.

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.

NU-512  Nursing Research for Advanced Nursing Practice  Credits: 3
Prerequisite: 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.
NU-514 Data Management for Advanced Nursing Practice Credits: 3
Prerequisites: 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.

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.

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: 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: 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
Prerequisites: Nursing 521 and 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
Prerequisites: NU-521, NU-524, and NU-535.
Corequisite: 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
Prerequisites: NU-521, NU-524, and NU-535.
Corequisite: 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
Corequisite: NU-544.
Term Offered: All Terms
Course Type(s): None
Provides the basic foundations of clinical management of common psychiatric/mental health problems in adults. For students in the Adult Psychiatric Mental Health APN Track. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-544 Diagnosis and Treatment of Psychopathology Clinical Laboratory Credits: 1
Prerequisites: NU-521, NU-524, and NU-535.
Corequisite: NU-543.
Term Offered: All Terms
Course Type(s): None
Provides the basic foundations of clinical management of common psychiatric/mental health problems in adults. The student will deliver mental health care to adults with mental health problems including collection of subjective and objective data using the techniques of interviewing, 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.

NU-564 Curriculum Development and Instruction in Nursing Education Credits: 3
Prerequisite: NU-518.
Term Offered: All Terms
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.

NU-566P Nurse Educator Practicum Credits: 3
Corequisite: NU-566S.
Term Offered: All Terms
Course Type(s): None
Focuses on the application of teaching and learning principles in academic and clinical settings. Instruction and evaluation in didactic nursing courses and clinical experiences are applied in nursing programs providing generic nursing education, in cooperation with a preceptor. This is a pass/fail course.

NU-566S Nurse Educator Seminar Credits: 3
Corequisite: NU-566P.
Term Offered: All Terms
Course Type(s): None
Provides a forum for reflection on student teaching experiences in the classroom and clinical settings. Through discussion and sharing, students refine the application of theory and research to practice as an educator. Topics relevant to the academic faculty role and current issues in nursing education are explored. 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-575 Issues in Forensic Nursing Credits: 3
Term Offered: All Terms
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
Prerequisites: NU-521, NU-524, and NU-535, all passed with a grade of B or higher.
Term Offered: All Terms
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
Prerequisites: NU-521, NU-535, NU-543, NU-575, NU-576, and CJ-585.
Corequisite: NU-578S.
Term Offered: All Terms
Course Type(s): None
Students will work in an interdisciplinary team or with individuals in forensic arenas as they apply forensic theory and research in forensic nursing practice. Appropriate techniques for identifying, collecting and documenting pertinent data will be reinforced through clinical practice in a forensic arena. Under the supervision and guidance of a clinical preceptor, students will identify outcomes and plans of action for effective coordination and communication among professionals and clients as a means to learn appropriate techniques for the identification, prevention, and management of 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 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
Prerequisites: NU-521, NU-535, NU-543, NU-575, NU-576, and CJ-585.
Corequisite: NU-578P.
Term Offered: All Terms
Course Type(s): None
Explores forensic theory and research to forensic nursing practice. Forensic nurses practice as sexual assault examiners, educators, nurse coroners, death investigators, correctional nurses, life care planners, case managers, legal nurse consultants, Medicare set aside coordinators and clinical specialists in pediatrics and, gerontology. Issues addressing systematic analysis of pertinent data, and the physical/psychological issues related to forensic nursing and applying nursing science to public and legal proceedings will be discussed in seminar. Identification of outcomes and plans of action that provide effective coordination and communication in managing clients will be addressed. A scientific and conceptual knowledge of nursing, forensic and criminal justice will assist students to recognize appropriate techniques for the identification, prevention, and management of appropriate clients utilizing the scopes and standards of forensic nursing practice. The collaborative nature of forensic nursing practice as a component of multidisciplinary teams will be stressed. Individual experiences are arranged in conjunction with students' goals for practice. Students will attend a one hour weekly seminar and a weekly eight hour clinical practicum. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-585  School Nursing I  Credits: 4
Term Offered: All Terms
Course Type(s): None
Examines and analyzes the role of the school nurse as a healthcare provider, health educator, health counselor, child advocate in the school community, and interdisciplinary team member. Explores financial, legal, and administrative issues as they relate to school nursing. Reviews normal growth and developmental patterns. Describes common health problems, special needs, and interventions appropriate for school nurses. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-586  School Nursing II  Credits: 4
Term Offered: All Terms
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-588P Practicum: School Nurse II Credits: 2
Prerequisites: NU-586, NU-587S, and HE-584.
Corequisite: NU-588P.
Term Offered: All Terms
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
Prerequisites: Nursing 586, 587S, and Health 584.
Corequisite: Nursing 588P.
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-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.

NU-621 Advanced Practice Nursing I: Adult Gerontology Credits: 3
Prerequisites: NU-521, NU-524, NU-535, NU-541 and NU-542.
Corequisites: NU-622P and NU-622S.
Term Offered: All Terms
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 Credits: 3
Corequisites: NU-621 and NU-622S.
Term Offered: All Terms
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
Corequisites: NU-621 and NU-622P.
Term Offered: All Terms
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: NU-621.
Corequisites: NU-624P and NU-624S.
Term Offered: All Terms
Course Type(s): None
A continuation of Nursing 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
Prerequisites: NU-621, NU-622S, and NU-622P.
Corequisites: NU-623 and NU-624S.
Term Offered: All Terms
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
Prerequisites: NU-621, NU-622S, and NU-622P.
Corequisites: NU-623 and NU-624P.
Term Offered: All Terms
Course Type(s): None
Delivery of primary healthcare to adult/gerontological and adolescent clients with common health problems including collection of subjective and objective data using the techniques of interview and physical examination; deriving diagnoses; planning care for acute and chronic illness using community resources; use of communication for age-appropriate health teaching, counseling, and motivating clients for positive health maintenance. Establishment of collaborative role with other healthcare providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-631 Advanced Practice Nursing I: Family Credits: 3
Prerequisite: Nursing NU-521, NU-524, NU-535, NU-541, and NU-542.
Corequisites: NU-632P and NU-632S.
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
Corequisites: NU-631 and NU-632S.
Term Offered: All Terms
Course Type(s): None
Delivery of primary health care to the family unit with common health problems including collection of subjective and objective data using the techniques of interview and physical examination; deriving differential and final diagnoses; planning care for acute and chronic illness using community resources; use of communication for health teaching, counseling and motivating clients for positive health maintenance. Establishment of collaborative role with other healthcare providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course. This is a pass/fail course.

NU-632S Advanced Practice Nursing Seminar I: Family Credits: 1
Corequisites: NU-631 and NU-632P.
Term Offered: All Terms
Course Type(s): None
Delivery of primary healthcare to adults and older adults with common health problems include collection of subjective and objective data using the techniques of interview and physical examination; deriving differential and final diagnoses; planning care for acute and chronic illness using community resources; use of communication for health teaching, counseling, and motivating clients for positive health maintenance. Establishment of collaborative role with other healthcare providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.
NU-633  Advanced Practice Nursing II: Family  Credits: 3  
Prerequisite: NU-631.  
Corequisites: NU-634P and NU-634S.  
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  
Prerequisites: NU-631, NU-632S and NU-632P.  
Corequisites: NU-633 and NU-634S.  
Term Offered: All Terms  
Course Type(s): None  
A continuation of NU 632. 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  
Prerequisites: NU-631, NU-632S, and NU-632P.  
Corequisites: NU-633 and NU-634P.  
Term Offered: All Terms  
Course Type(s): None  
This course is a continuation of NU 632. 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  
Corequisite: 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  
Corequisite: NU-635.  
Term Offered: All Terms  
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  
Corequisites: NU-662P and NU-662S.  
Term Offered: All Terms  
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
Corequisites: NU-661 and NU-662S.
Term Offered: All Terms
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
Corequisites: NU-661 and NU-662P.
Term Offered: All Terms
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
Prerequisites: NU-661, NU-662S, and NU-662P.
Corequisites: NU-664P and NU-664S.
Term Offered: All Terms
Course Type(s): None
Students are prepared to practice in the role of middle-level administration and nursing case manager. Students will build on the information obtained in Nursing Administration I. In addition, nurses will learn the role of the nursing case manager. Students learn how to provide quality healthcare along a continuum, decrease fragmentation of care across multiple settings, enhance the client's quality of life, and address issues concerning cost containment. Communication and collaboration techniques are utilized to assess, plan, implement, coordinate, monitor and evaluate the options and services available to meet individual health needs. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-664P  Nursing Administration II Practicum   Credits: 2
Prerequisites: NU-661, NU-662S and NU-662P.
Corequisites: NU-663 and NU-664S.
Term Offered: All Terms
Course Type(s): None
Students observe and participate in the human resources and the nursing case management roles. Students build on the information obtained in Nursing Administration I. Students investigate the integration of the nursing administrator role and human resource elements and observe the relationship through direct observation of the HR staff and the Executive Team. This is a pass/fail course.

NU-664S  Nursing Administration II Seminar   Credits: 1
Prerequisites: NU-661, NU-662S, and NU-662P.
Corequisites: NU-663 and NU-664P.
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 administrative-level nursing personnel and delve into the knowledge required to comprehend the role of case management and human resources and their relation to nursing administration. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-669  Psychiatric Mental Health Nursing I: Practice with Children and Adolescents   Credits: 3
Prerequisites: NU-521, NU-524, NU-535, NU-543, and NU-544.
Corequisites: 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 this course (NU-670). 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
Prerequisites: NU-521, NU-524, NU-535, NU-543, and NU-544.
Corequisites: 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-670S  Psychiatric Mental Health Nursing I: Practice with Children and Adolescents Seminar  Credits: 1
Prerequisites: NU-521, NU-524, NU-535, NU-543, and NU-544.
Corequisites: 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
Prerequisites: NU-521, NU-535, NU-543 and NU-544.
Corequisites: NU-672P and NU-672S.
Term Offered: All Terms
Course Type(s): None
Focuses on advanced knowledge of psychiatric/mental health nursing. Assessment, treatment planning and therapeutic interventions with individuals, families and groups will be introduced. Offers various treatment models including the classic schools and current developments in individuals, families and groups. Each therapeutic modality will be presented using key concepts, an explanation of the therapeutic process and application of techniques. In view of the reliance on direct practice experiences with individuals, families and groups, students will be placed in clinical sites concurrently with the courses NU-672P and NU-672S. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course.

NU-672P  Advanced Practice Psychiatric/Mental Health Practicum I  Credits: 3
Corequisites: Nursing 671 and 672S.
Term Offered: All Terms
Course Type(s): None
Delivery of mental health care to adults with mental health problems, including collection of subjective and objective data using the techniques of interview; deriving psychiatric diagnoses; deriving nursing diagnoses; planning care for acute and chronic mental health issues using community resources; use of interventions including short-term problem-focused psychotherapy, group therapy and psychopharmacologic modalities. Establishment of collaborative role with other healthcare providers. This is a pass/fail course.

NU-672S  Advanced Practice Psychiatric/Mental Health Nursing Seminar II  Credits: 1
Prerequisites: Nursing 671 and 672P.
Corequisites: NU-671 and NU-672P.
Term Offered: All Terms
Course Type(s): None
Delivery of mental health care to adults with mental health problems, including collection of subjective and objective data using the techniques of interview; deriving psychiatric diagnoses; deriving nursing diagnoses; planning care for acute and chronic mental health issues using community resources; use of interventions including short-term problem-focused psychotherapy, group therapy and psychopharmacologic modalities. Establishment of collaborative role with other 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
Prerequisites: NU-671, NU-672P and NU-672S.
Corequisites: NU-673 and NU-674S.
Term Offered: All Terms
Course Type(s): None
A continuation of NU-672P. Delivery of mental health care to adults with mental health problems, including collection of subjective and objective data using the techniques of interview; deriving psychiatric diagnoses; deriving nursing diagnoses; planning care for acute and chronic mental health issues using community resources; use of interventions including short-term, problem-focused psychotherapy, group therapy and psychopharmacologic modalities. Establishment of collaborative role with other healthcare providers. This is a pass/fail course.
NU-674S  Advanced Practice Psychiatric/Mental Health Nursing Seminar III
Credits: 1
Prerequisites: NU-671, NU-672P and NU-672S.
Term Offered: All Terms
Course Type(s): None
A continuation of NU-672S. Delivery of mental health care to adults with mental health problems, including collection of subjective and objective data using the techniques of interview; deriving psychiatric diagnoses; deriving nursing diagnoses; planning care for acute and chronic mental health issues using community resources, use of interventions including short-term, problem-focused psychotherapy, group therapy and psychopharmacologic modalities. Establishment of collaborative role with other healthcare providers. Students must earn a minimum of a B in the course. Students who receive less than a B will be required to repeat the course. Students will be allowed to repeat the course no more than once. A second grade below a B will make students ineligible to continue in programs requiring this course. Corequisites: NU-673 and NU-674P.

NU-701  Translating Evidence to Clinical Practice
Credits: 3
Term Offered: All Terms
Course Type(s): None
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): None
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): None
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. Provides investigation into regional and national databases regarding health disparities, disease entities and genetic problems. Enables the student to identify risk factors for genetic disease and determine optimal treatment approaches to clinical practice utilizing evidence-based practice. The student will 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 or will have to be repeated.

NU-705  Interprofessional Collaboration and Team Facilitation
Credits: 2
Course Type(s): None
Term Offered: All Terms
Corequisite: NU-706.
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
Credits: 1
Course Type(s): None
Corequisite: NU-705.
Term Offered: All Terms
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.

NU-715  Organizational Leadership in Healthcare
Credits: 3
Term Offered: All Terms
Course Type(s): None
Examines organizational systems and processes that emphasize the demand for clinical practice leadership, improvement of health outcomes and ensured patient safety. Students are provided the tools to develop expertise in assessing the vision, mission and organizational strategic plans. Emphasis is placed on executive decision making, leading change efforts, and instituting innovative methodologies for system improvement. Organizational behaviors directed towards quality improvement, negotiation, conflict resolution, performance evaluation and ethical conduct in a business environment. Enhances the student's ability to use power and influence to achieve goals, build teams and alliances, establish strong communication channels, and empower others. Students must earn a grade of "B" or higher in this course or it will have to be repeated.
NU-716  Health Care Policy for Advocacy in Health Care  Credits: 3
Term Offered: All Terms
Course Type(s): None
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): None
Provides an in-depth exploration of economics and finance, budget, reimbursement mechanisms and innovative business models for health care organizations and practice settings. Students will have an opportunity to develop and review business plans and to evaluate cost-benefit analyses as they relate to the DNP role. The practical application of management of financial resources, tools for decision making and communication strategies will be integrated. Students must earn a grade of "B" or higher in this course or it will have to be repeated.

NU-720  Research Methods in Healthcare Leadership  Credits: 3
Term Offered: All Terms
Course Type(s): None
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  Capstone Seminar I  Credits: 3
Prerequisites: NU-701, NU-702, NU-703, NU-705, NU-706, NU-715, NU-716, NU-718, and NU-720, all passed with a grade of B or higher.
Term Offered: All Terms
Course Type(s): None
The DNP capstone culminates in a practice immersion experience that affords the student the opportunity to integrate and synthesize information from a variety of areas and previous coursework to exhibit mastery of an advanced specialty within nursing practice. Students will demonstrate synthesis of their DNP education and advanced nursing practice specialty to evoke practice improvement and change in a practice setting and/or an organizational system. Students will share their journey toward developing their capstone project through class discussion using a variety of communication modalities. In consultation with the DNP faculty advisor and clinical site preceptor, students will select an area of specialty practice and propose a change project. The end result will be a project based on the principles of evidence-based practice. This will provide a foundation for continued scholarship while making significant contributions in the student’s area of interest in practice or administration. Students must earn a grade of B or higher in this course or it will have to be repeated.

NU-731  Practicum I  Credits: 3
Prerequisites: NU-701, NU-702, NU-703, NU-705, NU-706, NU-715, NU-716, NU-718, and NU-720, all passed with a grade of B or higher.
Term Offered: All Terms
Course Type(s): None
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 their advisor to construct a plan. Students must earn a grade of B or higher in this course or it will have to be repeated. This is a pass/fail course.

NU-732  Capstone Seminar II  Credits: 3
Prerequisites: NU-730 and NU-731, both passed with a grade of B or higher.
Term Offered: All Terms
Course Type(s): None
The DNP Capstone II seminar builds on the content and processes developed in the Capstone I seminar for implementation of the DNP project. Students will share their journey of implementation and evaluation of their DNP project through class discussion using a variety of communication modalities. Weekly seminars are an integral part in the success of the project. In consultation with the DNP faculty advisor and clinical site preceptor, students will implement and evaluate their change project. This course is a continuation of Capstone Course 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 to evoke practice improvement and change in their practice settings. Students will gain an in-depth and integrative experience resulting in a practice-related written project outcome at their clinical site which is subjected to peer and professional scrutiny. Students will disseminate the outcomes of their project through peer-reviewed professional publication and presentations. Students must earn a grade of B or higher in this course or it will have to be repeated.
NU-733  Practicum II  
Prerequisites: NU-730 and NU-731, both passed with a grade of B or higher.  
Term Offered: All Terms  
Course Type(s): None  
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.

NU-762  Tests and Measures  
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.

NU-764  Curriculum Development and Instruction in Nursing  
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.

NU-766S  Nursing Education Seminar  
Corequisite: NU-766P.  
Term Offered: All Terms  
Course Type(s): None  
Provides a forum for reflection on student teaching experiences in the classroom and clinical settings. Through discussion and sharing, students refine the application of theory and research to practice as an educator. Topics relevant to the academic faculty role and current issues in nursing education are explored. 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.

**Philosophy (PL)**

PL-518  Religious Foundations of Contemporary Values  
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  
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  
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  
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  
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.
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
<th>Term Offered</th>
<th>Course Type(s):</th>
<th>Corequisite(s)</th>
</tr>
</thead>
<tbody>
<tr>
<td>PHA-603</td>
<td>Introduction to Patient Assessment</td>
<td>5</td>
<td>All Terms</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>PHA-604</td>
<td>Behavioral Medicine</td>
<td>2</td>
<td>All Terms</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>PHA-605</td>
<td>Health Promotion</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>PHA-606</td>
<td>Physical Diagnosis</td>
<td>4</td>
<td>All Terms</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>PHA-607</td>
<td>Diagnostic and Clinical Procedures</td>
<td>5</td>
<td>All Terms</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>PHA-608</td>
<td>Pharmacology for Physician Assistants</td>
<td>2</td>
<td>All Terms</td>
<td>None</td>
<td></td>
</tr>
<tr>
<td>PHA-609</td>
<td>Clinical Therapeutics</td>
<td>2</td>
<td>All Terms</td>
<td>None</td>
<td>Designed to demonstrate the practical application of pharmaceutical science as utilized for the formulation of drug therapy decisions.</td>
</tr>
<tr>
<td>PHA-610</td>
<td>Pathophysiology</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
</tr>
<tr>
<td>PHA-611</td>
<td>Neuroscience</td>
<td>3</td>
<td>All Terms</td>
<td>None</td>
<td>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 particular 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.</td>
</tr>
<tr>
<td>PHA-612</td>
<td>Introduction to the Physician Assistant Profession</td>
<td>1</td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
</tr>
<tr>
<td>PHA-621</td>
<td>Topics in Medicine and Surgery</td>
<td>5</td>
<td>All Terms</td>
<td>None</td>
<td>Corequisite: PHA-622. Term Offered: All Terms. 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.</td>
</tr>
</tbody>
</table>
PHA-622  Clinical Management  Credits: 2
Corequisite: PHA-621.
Term Offered: All Terms
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.

PHA-625  Research Methods I  Credits: 2
Term Offered: All Terms
Course Type(s): None
An exploration in the fundamental concepts of research in the health sciences. Problem finding, formulation of a research question, research methodology, design, and data collection and interpretation will be addressed. Ethical considerations in research will be discussed. Published research articles will be critically analyzed. At the conclusion of the course, the students will have developed the framework of an original study, which will be further developed in PHA-626.

PHA-626  Biostatistics for Physician Assistant’s Research  Credits: 2
Term Offered: All Terms
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 used to explore, describe, and analyze information for research or evaluation purposes.

PHA-632  Biomedical Ethics  Credits: 2
Term Offered: All Terms
Course Type(s): None
The application of human and professional values, judgments, and choices to selective ethical dilemmas that arise in clinical practice. Traditional and contemporary approaches to resolving professional dilemmas will be discussed as well as ethics related to the delivery of healthcare.

PHA-633  Epidemiology for Physician Assistants  Credits: 2
Term Offered: All Terms
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: PHA-625.
Term Offered: All Terms
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: All Terms
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: All Terms
Course Type(s): None
Clinical Clerkship year 1 is the first of two years of clinical clerkships providing the physician assistant student with the real-time patient/clinician exposures across required core and elective clinical experiences. In all experiences the student will be a member of either a health care delivery team and/or paired with a licensed practitioner in each medical discipline or service. Students are at all times held to the highest standards of professionalism and personal integrity.

PHA-652  Clinical Clerkships II  Credits: 12
Term Offered: All Terms
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 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.
PH-A 53 Clinical Clerkships III
Term Offered: All Terms
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.

PH-A 64 Clinical Clerkships IV
Term Offered: All Terms
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
Term Offered: All Terms
Course Type(s): None
Public Policy Comprehensive Exam, This is a pass/fail course. PS-515, PS-516, PS-518, and PS-691.

PS-510 Policy Analysis
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
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
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
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
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
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, HS-522.

PS-524 Public Opinion and the 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.

PS-525 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 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 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.

A critical analysis of the general and recurring problems of war in human life; the course probes the direct and indirect causes of war by employing various analytical methods developed in political science as well as in sister disciplines of the social sciences.

Examines, analyzes, and evaluates the many dimensions and issues of American foreign policy since 1945. It provides an interpretative framework within which the sources of American action abroad may be understood. Combines descriptive and explanatory material with empirical evidence and makes a serious effort to distinguish facts from inferences, hypotheses, and opinions. The post-Cold War and post-9/11 worlds are assessed, with a focus on American goals, capabilities, and relationships around the world.

An opportunity to apply classroom theory in practice through actual work experience. Students have the opportunity to apply the theories and concepts of public policy to actual work settings.

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 colloquiums and connected work.

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 program director required.

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.
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 Psychological 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 Psychological 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 Psychological Counseling majors.

PC-516 Counseling and Sexuality

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

Introduction to human sexuality and related issues that counselors may encounter in their work. Students will learn about normal and abnormal sexual functioning. Aims to desensitize students and provide introspection about diverse expression of sexuality; not designed to train students as sex therapists.

PC-517 Counseling and Religion

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

Counseling and Religion will explore the world religions with a focus on the religions as they function in the U.S. in a multi-cultural context. This will give the student a basic understanding and respect for religious differences when counseling clients who have different religious values than the counselor. A historical perspective on the relationship between psychology and religion will be traced to contemporary practice. The student will be given the opportunity to develop a theory of how he or she would like to integrate his or her knowledge into his or her work as a counselor. Limited to Psychological Counseling majors.

PC-519 Theories of Learning, Behavior Change and Exceptionality

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

An exploration of classical conditioning, operant conditioning, and major cognitive/behavioral theories. Major principles of learning will be reviewed as to their application to modern counseling techniques and behavior change. Additional focus on individuals on both ends of the spectrum of exceptionality- gifted and talented as well as those with cognitive disabilities.
PC-520  Behavior Management Techniques  Credits: 3
Term Offered: All Terms
Course Type(s): None
An exploration of major causes of behavioral difficulties and behavior management techniques appropriate for applications in homes and residential settings as well as in classrooms.

PC-521  Spirituality and Counseling  Credits: 3
Term Offered: All Terms
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 Psychological 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 Psychological Counseling majors.

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 Psychological Counseling majors.

PC-525  Counseling Theory and Techniques  Credits: 3
Term Offered: All Terms
Course Type(s): None
Study of the prominent theories that underlie the techniques of counseling psychology. Emphasis will be on the specific techniques utilized in the context of a therapeutic relationship. Limited to Psychological Counseling majors.

PC-526  Case Conceptualization  Credits: 3
Prerequisites: PC-505, PC-512, 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 Psychological Counseling majors.

PC-528  Family Counseling: Theory and Technique  Credits: 3
Prerequisite: 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 Psychological 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 Psychological Counseling majors.

PC-530  Crisis Intervention  Credits: 3
Prerequisite: PC-525.
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 Psychological Counseling majors.

PC-532  Counseling for Grief and Loss  Credits: 3
Prerequisite: 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: 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 Psychological Counseling majors.

PC-534  Wellness and Counseling  Credits: 3
Term Offered: All Terms
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. For Psychological Counseling students only.

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: 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
Prerequisites: 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 Psychological Counseling majors.

PC-545 Psychopharmacology Credits: 3
Prerequisite: PC-512.
Term Offered: All Terms
Course Type(s): None
An overview of basic psychopharmacology as it pertains to alcohol and mood-altering drugs (both licit and illicit). Information regarding drug action, interactions, adverse reactions, tolerance, dependency and withdrawal. Focus on biopsychosocial assessment and treatment. Limited to Psychological Counseling majors.

PC-546 Substance Awareness in the Schools Credits: 3
Prerequisite: PC-540.
Term Offered: All Terms
Course Type(s): None
A comprehensive study of the role of the Substance Awareness Coordinator in the schools K-12. The areas that will be included for study will be a review of research-based awareness and prevention programs as related to Alcohol, Tobacco, and Other Drug (ATOD) as seen in the school systems. School law, regulations, and policies, as it relates to substance abuse in the schools, as well as how well/consistent it is followed based on the school culture and the dynamics in a particular district. Prevention and advocacy will be emphasized as a large part of the SAC position, as well as learning to work within the school culture. Curriculum planning and staff education and development in chemical health will be an essential part of the course. Negotiating the systems to maximize potential of the SAC position will be the main focus. Limited to Psychological Counseling majors.

PC-549 Nutritional and Herbal Interventions in Counseling Credits: 3
Term Offered: All Terms
Course Type(s): None
An overview of nutritional and herbal interventions as relevant to common psychological disorders, focusing specifically on those approaches and compounds which have at least some scientific evidence to support their use. Issues such as the pharmacology of action, desired and adverse reactions, interactions with other treatments, and potential for tolerance, dependency, and withdrawal are explored. Limited to Psychological Counseling majors.

PC-550 Group Counseling Credits: 3
Prerequisites: PC-505 and PC-525.
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 covers 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 Psychological Counseling majors.

PC-557 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 multicultural issues. Limited to Psychological Counseling majors.

PC-595 Psychological Counseling Practicum Credits: 3
Prerequisites: Successful completion with a grade of B or higher in PC-505, PC-512, PC-525, PC-526, PC-540 and PC-550.
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 Psychological Counseling majors who have completed at least twenty-four 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 Psychological 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 Psychological Counseling majors only.

PC-599 Independent Study in Psychological Counseling Credits: 1-3
Prerequisites: Prior permission of the directing professor and department chair.
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 Psychological Counseling majors only.
PC-601  Understanding Statistics in Counseling Research  Credits: 3
Course Type(s): None
An overview of common statistical methods used in counseling research. Students will read articles that utilize common statistical procedures (t-tests, ANOVA, correlation, etc.). Students will also learn to understand the major differences between these techniques and the research questions that these statistical techniques address. Limited to Psychological Counseling majors.

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 Psychological 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 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
Prerequisite: Prior permission of the C.
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.

PC-676  Play Therapy Practicum Seminar II  Credits: 3
Prerequisite: Prior permission of the C.
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. Cannot enroll in SW-675 or PC-675 at the same time. Also listed as SW-676.

PC-680  Clinical Internship in Professional Counseling  Credits: 3
Prerequisites: PC-540, PC-595, 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 Psychological Counseling majors who have completed at least thirty 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-691  Psychological Counseling Research Study  Credits: 3
Prerequisite: Permission of the sponsoring instructor and departmental approval.
Term Offered: All Terms
Course Type(s): None
Empirical research under the supervision of a sponsoring faculty member to data collection and significant written work. Limited to Psychological Counseling majors.
PC-692  Psychological Counseling Thesis  Credits: 3  
Prerequisites: PC-601, completion of twenty-seven total credits within the program, permission of the sponsoring instructor, and departmental approval.  
Term Offered: All Terms  
Course Type(s): None  
Independent investigation of special topics related to counseling, reflecting the research interests of the sponsoring professor. Provides students with an opportunity to do extended quantitative or qualitative research in collaboration with or under the supervision of a faculty member. Limited to Psychological Counseling majors.

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: All Terms  
Course Type(s): None  
The first of two required courses in social policy defines social policy; examines the social, economic, and political circumstances that give rise to social problems and their policy solutions; explores frameworks for analyzing these solutions; and reviews a history of the profession of social work.

SW-507  Social Work Research  Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
Develops the student's ability to use and engage in both quantitative and qualitative research in order to inform and evaluate his or her own social practice. Addresses key research concepts and procedures, such as hypothesis formulation, measurement, sampling, research design, and data collection.

SW-509  Human Behavior in the Social Environment I  Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
This is the first semester of a two-semester course sequence within which students use theory and empirical data to assess human behavior as it develops in a variety of sociopolitical environments. A strengths-based, empowerment-focused paradigm is introduced to help students conceptualize biological, psychological, cognitive, and social factors as they influence human growth and development within families.

SW-510  Field Practicum I  Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
This is the first part of a yearlong seminar required of all first-year MSW students completing a field internship. The purpose of the seminar is to integrate experiences from the field with course work, discussion, and personal reflections. Students must earn a grade of B or higher in this course or it will have to be repeated.

SW-513  Social Work Practice in Groups  Credits: 3  
Term Offered: All Terms  
Course Type(s): None  
Builds on social work practice, knowledge, skills and techniques. Describes social work practice with groups. It begins by delving into the history of group work in social work practice. Essentially, the course will explain the stages of group development, as well as concepts and theories related to group work treatment. In addition, different styles of group leadership will be presented, as well as group member roles. Students will be expected to role-play various stages of group development. Group process will also incorporate an ecosystems perspective, with overall emphasis on empowerment utilizing a strengths perspective. Special attention will be given to human rights, social and economic justice, diversity and cultural issues with respect to social work practice with groups. Students must earn a grade of "B" or higher or it will have to be repeated.

SW-515  Social Welfare Policy and Services II  Credits: 3  
Prerequisite: SW-505.  
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: SW-509.  
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: 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  Credits: 3  
Prerequisite: SW-510 passed with a grade of B or higher.  
Corequisites: 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 Credits: 3
Prerequisite: Permission of the department chair required.
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.

SW-599 Independent Study in Social Work Credits: 3
Prerequisite: Prior permission of the directing professor and department chair.
Course Type(s): None
Reading and research under the direction of a member of the Social Work faculty.

SW-602 Domestic Violence Credits: 3
Prerequisite: Must be an advanced-standing student or equivalent.
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: Must be an advanced-standing student or equivalent.
Term Offered: All Terms
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: Must be an advanced-standing student or equivalent.
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: Must be an advanced-standing student or equivalent.
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: Must be an advanced-standing student or equivalent.
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-614 Grant Writing Credits: 3
Prerequisite: Must be an advanced-standing student or equivalent.
Term Offered: All Terms
Course Type(s): TPS
Provides students with the opportunity to develop grant-writing skills and to apply for a grant for their field internship agency. Emphasis will be placed on writing skills, concept development, program development, and budget preparation.

SW-615 Issues in International and Community Social Work Credits: 3
Prerequisite: Must be an advanced-standing student or equivalent.
Term Offered: All Terms
Course Type(s): None
This is the first course in the concentration on International and Community Development. It is designed to introduce the student to global arenas for social work activities. Different perspectives on and realities of development and underdevelopment; policies and practices of international aid and humanitarian agencies; and the role of social work in addressing human rights and needs are critically examined. Emphasis is to give the impact of social welfare policy decisions upon oppressed population groups including their implications for human rights and social and economic justice. The relationship and tensions between Global North and Global South development and practice are explored. Policy areas for international and community development include: healthcare, income, social security and social welfare, housing, transportation, environment, education, social justice and corrections, employment (both formal and informal sectors), and peace and security. Knowledge skills and awareness for community practice work in multicultural and transnational settings are emphasized in this course. Understanding the generic community practice process is a critical component of learning to work in this field and to achieve socially just policies with individual, families, organizations, and communities in a global context. Special attention is given to social diversity in community development with oppressed populations i.e., overcoming sexism, ageism, racism, ableism, ethnocentrism, classism and militarism. Students must earn a grade of B or higher or the course will have to be repeated.

SW-616 Social Work Practice with the Aged Credits: 3
Prerequisite: Must be an advanced-standing student or equivalent.
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  Seminar on Emerging Challenges in International and Community Social Work  Credits: 3
Prerequisite: Must be an advanced-standing student or equivalent.
Term Offered: All Terms
Course Type(s): TPS
Addresses some of the emerging challenges facing social workers in international and community arenas. Many of these challenges are related to the rapidly changing nature of life in the twenty-first century. Focuses on these emerging challenges as they relate to the quality of life for people around the world. Special attention will be made to conceptualize emerging challenges, themes and issues using a social justice and human rights framework. Will run as a seminar where students will be involved in the generation of topics and discussions related to those topics. Students must earn a grade of "B" or higher in this course or it will have to be repeated.

SW-618  Social Work Administration  Credits: 3
Prerequisite: Must be an advanced-standing student or equivalent.
Term Offered: All Terms
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
Prerequisite: Must be an advanced-standing student or equivalent.
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, supervisee 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-625  Program Planning and Evaluation  Credits: 3
Prerequisite: Must be an advanced-standing student or equivalent.
Term Offered: All Terms
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: Must be an advanced-standing student or equivalent.
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: Must be an advanced-standing student or equivalent.
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: Must be an advanced-standing student or equivalent.
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: Must be an advanced-standing student or equivalent.
Term Offered: All Terms
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: Must be an advanced-standing student or equivalent.
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 CFPC 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: Must be an advanced-standing student or equivalent.
Term Offered: All Terms
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: Must be an advanced-standing student or equivalent.
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: All Terms
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: Must be an advanced-standing student or equivalent.
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: SW-630 passed with a grade of B or higher.
Corequisites: 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
Prerequisites: SW-631 passed with a grade of B or higher.
Corequisites: SW-615, SW-617, and SW-655.
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: Must be an advanced-standing student or equivalent.
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: Must be an advanced-standing student or equivalent.
Term Offered: All Terms
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  Comparative International and Community Policy and Practice  Credits: 3
Prerequisite: Must be an advanced-standing student or equivalent.
Term Offered: All Terms
Course Type(s): None

SW-665  Advanced Clinical Practice with Children  Credits: 3
Prerequisite: Must be an advanced-standing student or equivalent.
Term Offered: All Terms
Course Type(s): None
Builds upon the foundation of individual, family and group work, with advanced practice applications for social work with children. Assessment and intervention skills used with children and adolescents are taught in relation to special issues that impact upon children today nationally and internationally. Students must earn a grade of B or higher in this course or it will have to be repeated.

SW-669  Applications of Social Justice and Human Rights in Social Work  Credits: 3
Prerequisites: Must be an advanced-standing student or the equivalent, and SW-627.
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
Prerequisite: Prior permission of the CP.
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. SW.PT. program coordinator or MSW Director is required.

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
Prerequisite: Prior permission of the C.
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. P.SW.PT. Program Coordinator.

SW-676  Play Therapy Practicum Seminar II  Credits: 3
Prerequisite: Prior permission of the C.
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. P.SW.PT. Program Coordinator.

SW-678  Special Topics in Social Work  Credits: 3
Prerequisite: Must be an advanced-standing student or equivalent.
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: Must be an advanced-standing student or equivalent.
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.

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-504 Principles of Software Engineering Credits: 3
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 methods. Limited to Software Engineering students.

SE-510 Object-Oriented Analysis and Design Credits: 3
Prerequisite: SE-504.
Term Offered: All Terms
Course Type(s): None
Students will learn how to develop the requirements, analysis model, and design for a software application. Uses object-oriented methodologies. This is not a programming course.

SE-515 Disciplined Software Development Credits: 3
Prerequisite: SE-504.
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-555 Software System Requirements Credits: 3
Prerequisites: CS-501A and SE-504.
Term Offered: All Terms
Course Type(s): None
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-570 Software Systems Design Credits: 3
Prerequisites: CS-501A and SE-504.
Term Offered: All Terms
Course Type(s): None
Students will learn how to design large software systems based on current practices. Covers basic system design concepts and design patterns, including agent-oriented software architectures, and service-oriented architectures. The application of these architectures to enterprise and global architectural levels will be covered as well.

SE-575 Software Verification, Validation and Maintenance Credits: 3
Prerequisites: CS-501A and SE-504.
Term Offered: All Terms
Course Type(s): None
Covers software verification, validation and maintenance. The first half of the course includes inspections of requirements, design and code as well as testing. The second half addresses the handling of change requests, software evolution, code comprehension, and change management. It will include hands-on experience with a change management system and an automated testing tool.

SE-580 The Process of Engineering Software Credits: 3
Prerequisites: CS-503 and SE-504.
Term Offered: All Terms
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 GPA of 3.00. Does not satisfy elective requirements. Students may take this course a maximum of two times. This is a pass/fail course.
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<th>Credits</th>
<th>Prerequisites</th>
<th>Term Offered</th>
<th>Course Type(s)</th>
<th>Description</th>
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<tr>
<td>SE-601</td>
<td>Outsourcing: Specifications and Strategies</td>
<td>3</td>
<td>SE-565 and SE-570.</td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
</tr>
<tr>
<td>SE-602</td>
<td>Technology Assessment</td>
<td>3</td>
<td>SE-565 and SE-570.</td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
</tr>
<tr>
<td>SE-603</td>
<td>MOST Implementation</td>
<td>3</td>
<td>SE-565 and SE-570.</td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
</tr>
<tr>
<td>SE-605</td>
<td>Software Implementation and Reuse</td>
<td>3</td>
<td>SE-565 and SE-570.</td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
</tr>
<tr>
<td>SE-610</td>
<td>Software Systems Security</td>
<td>3</td>
<td>SE-565 and SE-570.</td>
<td>All Terms</td>
<td>None</td>
<td>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.</td>
</tr>
<tr>
<td>SE-611</td>
<td>Secure Web Services Design</td>
<td>3</td>
<td>SE-565.</td>
<td>All Terms</td>
<td>None</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.</td>
</tr>
<tr>
<td>SE-615</td>
<td>Usability Engineering/Human-Computer Interaction</td>
<td>3</td>
<td>SE-565.</td>
<td>All Terms</td>
<td>None</td>
<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>
</tr>
<tr>
<td>SE-616</td>
<td>Extensible Markup Language (XML)</td>
<td>3</td>
<td>CS-501B.</td>
<td>All Terms</td>
<td>None</td>
<td>Presents XML fundamental concepts, XML as a document format, XML as a data format, and special topics in using XML.</td>
</tr>
<tr>
<td>SE-620</td>
<td>Networked Software Systems I</td>
<td>3</td>
<td>SE-565 and SE-570.</td>
<td>All Terms</td>
<td>None</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>
</tr>
<tr>
<td>SE-623</td>
<td>Management Information Systems</td>
<td>3</td>
<td>SE-565.</td>
<td>All Terms</td>
<td>None</td>
<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>
</tr>
</tbody>
</table>
SE-625  Information Systems Architecture  Credits: 3
Prerequisites: SE-565 or MIS-565.
Term Offered: All Terms
Course Type(s): None

SE-626  Information Systems Engineering  Credits: 3
Prerequisite: SE-625.
Term Offered: All Terms
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  Credits: 3
Prerequisites: SE-565 and SE-570.
Term Offered: All Terms
Course Type(s): None

SE-631  Real-Time Software Design and Implementation  Credits: 3
Prerequisite: SE-630.
Term Offered: All Terms
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  Credits: 3
Prerequisite: SE-504.
Term Offered: All Terms
Course Type(s): None

SE-651  Software Organization Management  Credits: 3
Prerequisite: SE-650.
Term Offered: All Terms
Course Type(s): None

SE-652  Software Quality Management  Credits: 3
Prerequisites: SE-565 and SE-570.
Term Offered: All Terms
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: 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.
Software Engineering Thesis Research (SE-691) Credits: 3
Prerequisites: SE-565, SE-570, and SE-580, 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. 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.

Software Engineering Practicum (SE-695A) Credits: 3
Prerequisite: 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.

Software Engineering Practicum (SE-695B) Credits: 3
Prerequisite: 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.

Special Topics in Software Engineering (SE-698) Credits: 3
Prerequisite: Approval of the department.
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.

Individual Research Project in Software Engineering (SE-699) Credits: 3
Prerequisite: Approval of the department.
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.

Theatre (TH)

Comedy and Drama in Western Culture (TH-526) Credits: 3
Course Type(s): None
Explores the development of comic invention in drama in relation to social history. Readings in early European drama and social history are augmented by representations in art of early theaters, performances and comic themes. Videotapes are used to explore the development of traditional comic themes in modern theatre.
TH-598  Special Topics in Theatre  
Credits: 3  
Term Offered: 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.

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.
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