Undergraduate
Course Catalog
2010-2011

U N D E R G R A D U A T E   P R O G R A M S

WELCOME TO WILMINGTON UNIVERSITY

Wilmington University is a private, non-sectarian university which offers both undergraduate and graduate degree programs in a wide range of instructional areas. The University began with a charter class of 194 students in 1968 and has grown to serve a student body of approximately 11,500 students of diverse backgrounds.

The program of day, evening, and weekend classes serves traditional high school graduates as well as non-traditional adult students in need of flexible scheduling. Classes are primarily offered in 15-week, 7-week, and weekend modular formats. Introduced in 2005, Fusion programs combine online and face-to-face learning. These programs are designed for students who wish to complete their degree in less time than is possible with traditional courses.

Wilmington University's main campus is located near the city of Wilmington and historic New Castle, Delaware. The campus is easily accessible by air, rail, and bus. Our central location in the northeast corridor of the United States provides students convenient access to the major cities of New York, Philadelphia, and Washington D.C. Recreational areas such as beaches and ski resorts are within easy driving distance.

Additional sites include the Wilson Graduate Center; Dover Air Force Base; Dover; the William A. Carter Partnership Center in Georgetown, Delaware; and Rehoboth Beach, Delaware. In New Jersey Wilmington University offers programs on Burlington County College and Cumberland County College campuses in addition to a selection of courses offered at Salem Community College.

Wilmington University generally serves commuter students and does not provide student housing facilities. However, the University welcomes all qualified students and assists those needing living accommodations by providing a listing of nearby rental opportunities.

The University Mission

Wilmington University is committed to excellence in teaching, relevancy of the curriculum, and individual attention to students. As an institution with admissions policies that provide access for all, it offers opportunity for higher education to students of varying ages, interests, and aspirations.

The University provides a range of exemplary career-oriented undergraduate and graduate degree programs for a growing and diverse student population. It delivers these programs at locations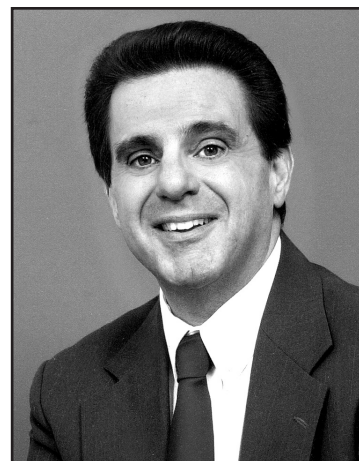 and times convenient to students and at an affordable price. A highly qualified full-time faculty works closely with part-time faculty drawn from the workplace to ensure that the University's programs prepare students to begin or continue their career, improve their competitiveness in the job market, and engage in lifelong learning.

A Message from the President

Wilmington University is committed to academic excellence in our classrooms; relevant programs in our curriculum; and caring, personal attention to our students. One of our great strengths is the enthusiastic, personal involvement of our trustees, administrators, faculty, staff, and alumni in creating a sense of community.

We believe that the opportunity for higher education should be available to all who seek it. Our students are provided with the academic tools, practical skills, and "real world" opportunities necessary to advance as leaders in their professions and their communities. We encourage active participation in an education that challenges critical thinking, provides career preparation, instills values, and inspires lifelong learning. We realize that each student is unique and, as a community, we strive to maximize that unique potential.

We look forward to having you join the Wilmington University family.

Jack P. Varsalona

Dr. Jack P. Varsalona

President

Accreditation

Wilmington University is accredited by the Commission on Higher Education of the Middle States Commission on Higher Education, a non-governmental, nationally recognized organization whose members comprise approximately 500 collegiate institutions. The Middle States Commission on Higher Education accredits institutions of higher education in Delaware, the District of Columbia, Maryland, New Jersey, New York, Pennsylvania, Puerto Rico, the U.S. Virgin Islands, and other locations abroad.

Middle States Commission on Higher Education
3624 Market Street
Philadelphia, PA 19104-2680
(215) 662-5606

Accreditation of an institution by the Commission on Higher Education indicates that an institution meets or exceeds criteria for the assessment of institutional quality periodically applied through a peer group review process. An accredited college or university is one which has available the necessary resources to achieve its stated purposes through appropriate educational programs, is substantially doing so, and gives reasonable evidence that it will continue to do so in the future.

Wilmington University programs have been approved for training of eligible veterans and international students.

Nondiscrimination Policy

It is the policy of Wilmington University not to discriminate on the basis of sex, disability, race, age, color, religion, national or ethnic origin, marital status, or sexual or affectional preference in its educational programs, admission policies, employment practices, financial aid, or other school-administered programs. This policy is enforced by federal law under Title IX of the Education Amendments of 1972, Title VI of the Civil Rights Act of 1964, Section 504 of the Rehabilitation Act of 1973, and the Americans with Disabilities Act of 1990.

Wilmington University actively supports the rights of students with disabilities to have equal access to education. Wilmington University makes every reasonable effort to accommodate the needs of students with disabilities.

Students who have a disability are asked to notify the Office of the Vice President of Student Affairs as soon as possible and prior to registration. Early notification prevents delay in initiation of services and ensures the student access to educational activities.

Students with disabilities that affect learning, including but not limited to Learning Disabilities (LD) and Attention Deficit Disorder (ADD), are required to provide the office with recent documentation from diagnostic testing. The Office of the Vice President of Student Affairs, after consulting with the student, will prepare an accommodation plan that will authorize services for the student and inform the appropriate offices on campus.

University Sites

To obtain information, please call, write, or fax the following Wilmington University sites:

Burlington County College
3331 Route 38   (856) 222-9311 x2115
Mt. Laurel, NJ 08054   FAX: (856) 222-9232

Cecil College
107 Railroad Avenue   (877) 967-5464
Elkton, MD 21921

Cumberland County College
3322 College Drive   (856) 691-8600 x551
Vineland, NJ 08360   FAX: (856) 690-0008

Dover
3282 N. DuPont Highway   (302) 734-2594
Dover, DE 19901   FAX: (302) 734-2618

Dover Air Force Base
436 FSS/FSDE   (302) 674-8726
261 Chad Street, Room 301   FAX: (302) 674-5034
Dover Air Force Base, DE 19902-6639

Georgetown
William A. Carter Partnership Center
Seashore Highway, P.O. Box 660   (302) 856-5780
Georgetown, DE 19947   FAX: (302) 856-5787

Joint Base McGuire-Dix-Lakehurst
3829 School Road   (877) 967-5464
Joint Base MDL, NJ 08641

Middletown
651 N. Broad Street   (877) 967-5464
Middletown, DE 19709   FAX: (302) 378-0367

New Castle
Office of Admissions
320 N. DuPont Highway   (302) 356-4636
New Castle, DE 19720   FAX: (302) 328-5902

Rehoboth Beach
41 Rehoboth Avenue   (302) 227-6295
Rehoboth Beach, DE 19971   FAX: (302) 227-6705

Salem Community College
460 Hollywood Avenue   (856) 351-2636
Carneys Point, NJ 08069   FAX: (856) 351-2618

Wilson Graduate Center
31 Read's Way   (302) 295-1117
New Castle, DE 19720   FAX: (302) 295-1123

C O N T E N T S

Wilmington University reserves the right to change curriculum and/or policies should an immediate need arise. In those cases, all affected students will be informed.

ACADEMIC AWARDS

Academic awards are given to students completing requirements for a bachelor's degree. These awards are described below:

College of Arts and Sciences

This award is given to a bachelor's degree recipient from the College of Arts and Sciences. The award is granted to a student with a distinguished academic record who has demonstrated excellence in achieving the goals of his/her respective program.

College of Business

This award is given to a bachelor's degree recipient from the College of Business. The student must have a distinguished academic record which demonstrates excellence in fulfilling the goals of his/her program of study.

College of Education

This award is given to a bachelor's degree recipient in the College of Education. The recipient must have achieved distinguished academic standing which demonstrates a strong commitment to the education profession.

College of Health Professions

This award is given to a bachelor's degree recipient in the College of Health Professions who has a distinguished academic record and exemplifies the spirit of the health care profession.

College of Social and Behavioral Sciences

This award is given to a bachelor's degree recipient who has a distinguished academic record, has displayed high standards of scholarship, and has demonstrated excellence in his/her field of study.

College of Technology

This award is given to a bachelor's degree recipient from the College of Technology. The student must have a distinguished academic record which demonstrates excellence in one or more fields of information technology, communications, or design.

ACADEMIC POLICIES/PROCEDURES

Academic Complaint/ Appeal of a Final Course Grade/Request for Hearing

Academic Complaint

A student with a specific complaint about a course should, where appropriate, speak directly with the faculty member concerned. If such a conversation would be inappropriate under the circumstances, the student should formally communicate with the Program Coordinator in whose program the course resides. This communication must occur within 60 days from the time the grade is posted in the Registrar's Office.

If the matter is not resolved with the Program Coordinator, the student should submit a letter to the appropriate Academic Dean. This letter should include the specific reason(s) for setting aside the decision of the Program Coordinator.

Appeal of a Final Course Grade

A student who seeks to appeal a final grade in a course should first speak with the faculty member concerned. If the student wishes to proceed further with the appeal, the student should formally communicate with the Program Coordinator in whose program the course resides. This communication must occur within 60 days from the time the grade is posted in the Registrar's Office.

If the matter is not resolved with the Program Coordinator, the student should submit a letter to the appropriate Academic Dean. This letter should include the specific reason(s) for setting aside the decision of the Program Coordinator.

Request for a Hearing— Final Course Grade or Academic Complaint

If there is a question about the decision of the Academic Dean regarding the appeal of a final course grade or an academic complaint, a student can register a grievance in writing to the Assistant Vice President for Academic Affairs to determine if the matter warrants a hearing before the Academic Review Committee. This letter should include the specific reason(s) for taking the student's grievance beyond the Academic Dean. If the Assistant Vice President determines that a hearing is appropriate, the Academic Review Committee will be convened and a copy of the student's letter will be forwarded to the committee. Should the Assistant Vice President determine that a hearing is not warranted, the student will be so informed within 10 business days. The decision of the Academic Review Committee or the Assistant Vice President will be final.

Attendance

Regular and prompt class attendance is an essential part of the educational experience. Wilmington University expects students to exercise good judgment regarding attendance. Students accept full responsibility for ensuring that work does not suffer from absences. All students are expected to attend every scheduled meeting of each class on time. Exceptions may be made for Wilmington University-sponsored or work-related activities, illness, or valid emergencies.

Please note that some academic colleges have additional attendance requirements beyond those specified in this section. In accordance with veterans' regulations, attendance must be taken for all enrolled veterans in each class learning session.

Attendance/Hybrid Courses

Wilmington University stresses that regular and prompt class attendance is an essential part of the educational experience. A hybrid course meets for "in-class" and "online" learning sessions. Students are expected to attend all in-class sessions and to log on and participate in all online sessions as required by the instructor. Failure to do so may be considered an unexcused absence without prior approval by the course instructor.

Attendance/Distance Learning Courses

Attendance for a distance learning course is defined as "logging onto the course", if appropriate, and participating in course assignments and discussions as directed by the instructor. Failure to do so may be considered an unexcused absence without prior approval by the course instructor.

Probation

A student is expected to make satisfactory academic progress toward a degree. Failure to achieve this progress may result in academic probation, suspension, or dismissal from the University, to be determined by the Academic Review Committee.

A student will be considered to have an unsatisfactory academic standing if the cumulative grade point average falls below the following minimum requirements:

Credit Hours Earned	Cumulative GPA
1-30	1.6
31-60	1.8
61-120	2.0

The Academic Review Committee will meet after each block (every 7 weeks) to review academic records. For the first occurrence, a student with a cumulative GPA below the designated minimum requirement will be placed on academic probation. A second occurrence of unsatisfactory academic progress may result in continued probation or academic suspension from the institution. Third and subsequent occurrences could also result in continued probation, suspension, or permanent suspension from the institution.

A student on probation is limited to a maximum load of 12 credit hours per semester (less if recommended by the Academic Review Committee). Students placed on probation are required to seek consultation from the Office of Academic Advising as soon as possible but no later than one week prior to the start of the next full block or semester. Failure to do so may result in suspension from the institution.

A suspended student must wait one academic year after the suspension was issued before submitting a written appeal to the Academic Review Chairperson. The Academic Review committee will make the decision to reinstate a student or not. If the student is reinstated to the University, the student will be reinstated on academic probation.

Any student who receives an institutional scholarship or tuition assistance from Wilmington University is required to maintain a 2.0 grade point average each semester. Failure to do so will result in the withdrawal of the institutional award from the student's account for the following semester.

Student Conduct

Wilmington University is a community of individuals who come together to learn, work and grow in character. Students are expected to conduct themselves in a mature and responsible manner that demonstrates commitment to the ideal of honorable behavior for oneself and the community as a whole. Students are also responsible for being familiar with and abiding by the policies and regulations of the University, which are communicated in the *University Student Handbook*. A copy of the Student Handbook may be found on the University's website: http://www.wilmu.edu/studentlife/handbook/.

Academic Integrity

Student conduct at Wilmington University should reflect favorably on all students and the University. Regulations have been developed to serve as guidelines for conduct within the University community and are designed to enhance the educational objectives of those associated with the University. Since students remain citizens as well as members of the University community, they are obligated to act in agreement with the rights and privileges accorded to students and citizens. Violations of local, state and federal laws will be referred to and handled by the proper authorities.

Students of Wilmington University are expected to be honest and forthright in their academic pursuits. It is inappropriate conduct to falsify the results of research; steal the words, phrases, or ideas of another; cheat or attempt to cheat on an examination; or to aid, assist, or allow another to commit an act of academic dishonesty. Acts of academic dishonesty are serious offenses.

Additional information may be found on the University website: www.wilmu.edu/studentlife/acaddishonesty.aspx.

Academic Honors

Dean's List
Dean's List honors are awarded to full-time students who complete at least 12 credit hours with no failures and earn a minimum grade point average of 3.5 for the semester. Part-time students are eligible for Dean's List honors upon completion of at least 12 credit hours in two consecutive semesters with no failures and a minimum grade point average of 3.5 for the two consecutive semesters.

Delta Epsilon Rho
All students who achieve the honor of being placed on the Dean's List for three consecutive semesters shall be designated by the Vice President for Academic Affairs as being eligible for induction into the Delta Epsilon Rho Honor Society.

Graduation with Honors
Graduation honors are awarded to students in a bachelor's degree program whose cumulative grade point average (GPA) at the time of graduation ranks within the top 25% of that student's academic college. A student must complete a minimum of 45 Wilmington University residency requirements in order to be considered for honors. A maximum of 15 credit hours of challenge by exam and/or prior-learning assessment credit can be applied toward the residency requirement.

Specific honors are based upon the GPA distribution (computed to three decimal places) within each academic college.

Summa Cum Laude	highest 5%
Magna Cum Laude	next 8%
Cum Laude	next 12%

NOTE: The above policy is effective for students graduating on or after August 2004.

Alternative Credit Methods
Wilmington University grants academic credit for work completed through seven alternative credit sources. These sources are in addition to transfer credit which may be granted for work completed at another academic institution. A brief description follows. Additional information may be found on the University website, from an Academic Advisor or a Site Director.

Advanced Placement (AP)
Advanced Placement (AP) examinations of the College Entrance Examination Board may be used for advanced placement credit. Specific college course credits will be granted for scores of three, four, or five on the examinations. An official AP score report must be forwarded from ETS to Wilmington University. Wilmington University does not charge students for transferring these credits. Contact the Office of Academic Advising for procedures required to initiate an evaluation of transfer credit.

Challenge-by-Examination
Challenge-by-Examination measures college-level knowledge through an examination process. Faculty members administer an exam which incorporates all tests and exams required in the actual course. A minimum passing grade of "B" is required. A maximum of 15 credit hours are accepted through Challenge-by-Examination. Tuition and fees are the same as standard course tuition.

College-Level Examination Program (CLEP)
The College-Level Examination Program® or CLEP is a national testing program that provides students of any age with the opportunity to demonstrate college-level achievement through a program of more than 30 examinations in undergraduate college courses. Wilmington University recognizes these examinations for transfer credit.

Credits through Examination
Students who are interested in earning credit through one of the credits by examination programs should contact their academic or program advisor before taking an examination to ensure it will be accepted as credit for their program of study. Credits earned through these examination programs are treated as transfer credit and do not affect a student's grade point average. A maximum of 15 credits through examination will be accepted by the University.

Table 1. Undergraduate Grading System

Grade	Numerical Equivalent	Quality Points	Explanation
A	95-100	4.00	**Excellent.** The student has demonstrated a quality of work and accomplishment far beyond the normal requirements and shows originality of thought and mastery of material.
A-	92-94	3.67	
B+	89-91	3.33	**Good.** The student's achievement exceeds satisfactory accomplishment, showing a clearer indication of initiative, comprehension of material, and the ability to work with concepts.
B	86-88	3.00	
B-	83-85	2.67	
C+	80-82	2.33	**Satisfactory.** The student has met the formal requirements and has demonstrated comprehension of the material and the ability to work with concepts.
C	77-79	2.00	
C-	74-76	1.67	
D+	71-73	1.33	
D	68-70	1.00	
D-	65-67	0.67	**Lowest Passing Grade.** The student's accomplishment, while passing in some programs, is deficient. Minimum requirements have been met without distinction.
F	Below 65	0.00	**Failure.**
FA		0.00	**Failure Due to Absence.** Student has excessive unexcused absences and did not withdraw.
S		0.00	**Satisfactory.** The student has met expected standards of scholarship. This grade signifies acceptable performance of the course objectives.
U		0.00	**Unsatisfactory.** The student has not met the minimum course requirements.
I		0.00	**Incomplete.** Extension granted to complete course work. Failure to complete course work within 60 days of the ending of the course results in a final grade of "F," unless an extension is granted.
IP		0.00	**Course in Progress.** This grade is specific to Practicums, Internships, and Senior Seminars.
AU		0.00	**Audit.** Does not yield credit.
W		0.00	**Withdraw.** No academic penalty.
NG		0.00	**No Grade.** A grade was not recorded by the instructor.
NA		0.00	**Never Attended.** Student failed to withdraw from course.

* *Students in the Behavioral Science, Criminal Justice, Psychology, and Nursing and Allied Health programs must receive a minimum grade of "C-" in all core courses (also PSY 101 and SOC 101 in the Behavioral Science Division). If a grade of less than "C-" is achieved, the course must be retaken.*

Table 2. Class Standing According to Credits Earned

Credits Earned	Class Standing
0-30	Freshman
31-60	Sophomore
61-90	Junior
91-120	Senior

DANTES Subject Standardized Tests

The DANTES Subject Standardized Tests (DSST) are an extensive series of examinations in college subjects that are comparable to the final or end-of-course examinations in undergraduate courses. A student may earn up to 3 semester hours of credit per test. Students who are interested in DSST examinations should contact an academic advisor and refer to the Wilmington University Prior Learning Assessment Guide for Students for further information at www.wilmu.edu/academics/documents/pla_manual.pdf. Wilmington University does not charge students for transferring these credits. Information about DSST Test preparation and study guides can also be found at www.getcollegecredit.com.

Directed Study

Directed study is available only under extenuating circumstances for students who are approved by their Program Coordinator or Academic Advisor one month prior to the semester registration period in which the directed study is to be conducted. A maximum of 6 credits may be earned through the directed study format and may be used towards residency credits.

Enrollment as an Auditor

Students who wish to audit a specific course for no credit may do so by seeking permission of an academic advisor or site director. Students may then follow established registration procedures, clearly stating at the time of registration which course they wish to audit. Course auditors pay the same tuition as non-auditors and may participate fully in classroom activities. They are not required to take examinations or complete class assignments. Course auditors receive a grade of "AU" (audit) that does not affect grade point average (G.P.A.).

Extra-Institutional Course Assessment (ECA)

The University recognizes that college-level learning takes place both in and out of the classroom. A process of reviewing corporate training programs and other formal training/courses offered by non-accredited institutions/entities has been implemented to determine if college-level learning is present and to determine what credit, if any, should be awarded for the prior learning.

Independent Study

Students desiring to study areas of knowledge outside of disciplines available through regular course work must secure written permission from an academic advisor or site director one month (minimum) prior to the semester registration period in which the independent study is to be conducted. Upon final approval by the Academic Dean or Program Coordinator, a student may register for an independent study by following the official registration procedure. Tuition and fees for independent study are the same as those for standard courses. Independent study is graded on a pass/fail basis. A minimum 2.5 cumulative grade point average is required to be eligible for independent study. Students needing additional information about independent study should contact an academic advisor or site director. A maximum of 6 credits may be earned through the independent study format and may be used towards residency credits.

Internship/Field Placements

Students can be provided with a field placement in public or private agencies and companies. Field placements provide first-hand experiences upon which future career choices can be based as students gain a better understanding of the relationship between theoretical concepts and their practical application.

Students are reminded that coordinating the requirements for an internship requires prior planning. Students must receive written permission from the internship coordinator or academic program coordinator at least 60 days prior to their expected internship start date.

Upon receiving written approval, a student should complete the official registration procedure with the Office of the Registrar. Tuition and fees are the same as standard course tuition. Internships/field placements are graded on a pass/fail basis. A minimum 2.5 cumulative grade point average is required to be eligible for internships/field placements. A maximum of 15 credits may be earned through internship/field placements and may be used towards residency credits.

Prior Learning Assessment
(previously Competency-Based Evaluation)

PLA involves presenting evidence of non-classroom learning experience for academic credit consideration. The University allows students to obtain academic credit for learning that has taken place outside the classroom. Wilmington University accepts a maximum of 15 undergraduate credit hours through PLA.

PLA requires the establishment of an academic contract and a student-prepared portfolio which is reviewed by a faculty member. The portfolio should include evidence relevant to the area in which credit is sought and demonstrate clear achievement and a thorough understanding of the subject. This may be demonstrated by knowledge obtained through work experience (military or civilian), in-service training programs, volunteer activities, workshops, and/or personal study.

Full-Time Status

Course Load

Twelve credit hours per semester constitute a full-time undergraduate course load. A course load in excess of 19 credit hours per semester requires written approval of the Academic Dean or Program Coordinator. Students wishing to carry excess course loads, as defined above, must also have a cumulative grade point average of 3.0 or higher. Students who are denied approval to take a course load in excess of 19 credits per semester may appeal in writing to the Assistant Vice President for Academic Affairs.

Students wishing to carry excess course loads (more than 19 credits per semester) must submit a request in writing to the office of the appropriate Academic Dean. Such written requests must be submitted in sufficient time to allow for adequate review prior to the beginning of classes. Students who fail to follow these procedures may be required to drop classes they are attending.

Course Numbering System

Courses at Wilmington University are identified and numbered to reflect the level of academic expectation for a particular course. They include:

Undergraduate Courses

000-099	Non-credit courses
100-199	Lower division courses
200-299	Lower division courses
300-399	Upper division courses
400-499	Upper division courses

Graduate Courses

5100-5600	Non-credit prerequisite courses
6100-8999	Master's level courses
7100-9100	Doctoral (Ed.D.) courses

Grading System

Wilmington University utilizes a plus/minus grading system in assessing student achievement. *Table 1* provides the minimum requirements for all undergraduate courses. Selected programs require a minimum grade for passing.

Grade Point Average

A student's grade point average (GPA) is obtained by dividing the total number of quality points earned by the total credit hours attempted, excluding courses in which the grade "S" is recorded. For transfer students, credits earned include transfer credits; however, cumulative grade point average is computed only on courses attempted at Wilmington University.

Grades recorded with parentheses indicate prerequisite, post-graduate, and non-credit courses. These credit hours and the corresponding quality points are excluded in the GPA calculation. The grades of "F", "FA," and "NA" are used in computing the grade point average. Courses with grades of "F", "FA" and "NA" are counted in attempted credit hours and receive zero quality points.

"I" Grade for Incomplete Work

An "incomplete" may be granted with prior approval of the course instructor. If granted, the student must complete course work within the time limitation determined by the instructor up to a maximum of 60 days following the end of the course. After 60 days, incomplete ("I") grades are converted to a grade of "F" unless the student arranges for an additional extension and the instructor notifies the Office of the Registrar before the initial 60-day period ends.

Pass/Fail Option

Students may gain approval from Academic Advising to enroll in selected courses on a pass/fail basis. This option is limited to two courses beyond the 15 credit hours permitted for internships. Students will then follow established registration procedures, clearly stating at the time of registration which course is selected as the pass/fail option. Course work is graded "S" (Satisfactory) or "U" (Unsatisfactory).

Graduation

Students must satisfy degree and course requirements as outlined in the catalog in effect at the time of initial enrollment at the University as a degree candidate. Once students interrupt their program for one year or more, it will be necessary to satisfy the degree requirements as outlined in the University catalog or published curriculum in effect during the time following the student's readmission as a degree candidate.

Students planning to graduate in January must complete their academic program requirements by the end of the fall semester; program requirements must be completed by the end of the spring semester for those wishing to graduate in May. Students file the Petition for Degree form with the Office of the Registrar on or before the date established in the academic calendar. Payment of the graduation fee required of all degree candidates is due upon submission of the Petition for Degree form. Students who register to graduate beyond the date announced in the academic calendar are required to pay a late fee in addition to the graduation fee.

In 1987 the Faculty Senate adopted a list of expected graduating competencies for undergraduate students. Undergraduate and graduate competencies were adopted in November 1994. Both sets of competencies were reviewed, revised, and adopted by the Faculty Senate in 2007.

Undergraduate Educational Values

In keeping with the Wilmington University mission of providing career-oriented programs, our "scholar-practitioner" faculty are actively engaged in promoting the following educational values:

- Commitment to self-directedness, self discipline and lifelong learning
- Sensitivity to and respect for a pluralistic society
- Awareness of self in relationship to others and the benefits of working in teams
- Appreciation of creative expression including the arts and humanities
- Commitment to responsible citizenship as a contributing member of society

Graduation Competencies

It is intended that students earning an undergraduate degree will demonstrate university level proficiency in the following areas:

Oral Communication
- Speak with confidence, clarity, and conciseness.
- Research, prepare, and deliver professional presentations.

Written Communication
- Write clearly, concisely and appropriately using correct English grammar, punctuation, usage, mechanics, sentence structure, and vocabulary.
- Utilize appropriate APA format for scholarly writings.

Disciplined Inquiry
- Utilize quantitative, qualitative and scientific reasoning to solve problems.
- Exercise critical thinking strategies, including reasoning, problem solving, analysis and evaluation.

Academic Program
Each academic program has specified competencies in the following areas:
- Information literacy as related to one's academic discipline.
- Ethics as related to one's academic discipline.

- Three or four additional program competencies as determined by the academic college.

Note: Additional competencies may be included as per external accreditation requirements.

Student Writing and Math Skills

The University has adopted a policy intended to identify students who have writing and/or math deficiencies that may impair their ability to progress through their course of study.

1. English and Math Skills Assessments are required for any undergraduate student who has not transferred acceptable credits for the following requirements: MAT 101, MAT 200, MAT 201, MAT 205, or ENG 101. These assessments must be completed prior to course registration and the results permit the University to place the student in the appropriate level Math or English course. Specific cut scores for both assessments have been established and students are encouraged to meet with the appropriate advisor to determine their status. Even If a student is successful on the skills tests but still feels the need for review, he or she may elect to enroll in either MAT 095 (Math Review) or ENG 095 (English Review).

2. Students who score a 450 or above on either the English or Math section of the SAT are exempt from the skills assessment in that area.

3. Once students reach junior status, a writing assessment is administered during a course assignment. If the University standard is not met, the student will be advised to complete ENG 365, Academic Writing.

Math 110 Math Essentials and English 110 English Essentials

Credit for these courses applies toward graduation as an elective. The minimum grade needed to pass Math 110 (Math Essentials) or English 110 (English Essentials) is a "C".

Math 101 College Math I
The minimum grade needed to pass Math 101 (College Math I) is a "C".

First Year Experience Course (FYE 101)
This seminar introduces students who are in their first year to the University. It is designed to provide students with the skills, knowledge, and dispositions that will promote achievement in higher education. Students in this course will become a part of a

learning community that will encourage students to experience academic and social successes. FYE 101 is a requirement for students entering the university with 12 or less credits.

Privacy Policy

Release of Student Information
In accordance with the Family Educational Rights and Privacy Act, students have the following rights:

Right to inspect and review student's record:
Students should submit a written request to the Registrar, indicating which records they wish to inspect. The University will make such records available within 45 days of the receipt of the request. Students do not have the right to inspect confidential letters and recommendations if the student has waived the right to inspect.

Right to seek amendments to records:
Students should submit a written request to the Registrar, indicating which records they wish to have amended and the reasons. The University will notify the student in writing of the decision regarding amendment of the record.

Right to consent to disclosure:
The University may disclose the following directory information unless the student or parent of a dependent student makes a written request to withhold information: name, address, telephone number, e-mail address, date and place of birth (only for official requests for group lists for legitimate agencies such as the US Air Force), major field of study, dates of attendance, grade level, enrollment status, GPA, participation in officially recognized activities and sports, weight and height of members of athletic teams, degrees, honors, awards, most recent educational agency attended. Written request for nondisclosure should be submitted to the Office of the Registrar.

Exceptions to student rights regarding disclosure:
The University is authorized to disclose student information without consent in the following circumstances:

- Information designated as "directory information"
- Disclosure to school officials with legitimate educational interests
- Disclosure to an alleged victim of a crime of violence
- Disclosure to officials of another institution where student seeks to enroll
- Request from Comptroller General of US, Secretary, or state/local educational authorities

- Disclosure in connection with financial aid for which student has applied
- Disclosure to accrediting agencies
- Disclosure to parents of dependent students
- To comply with judicial order or subpoena
  (A reasonable attempt to notify must be made.)
- Disclosure in connection with a health or safety emergency

Right to file a complaint:
Students have a right to file a complaint concerning alleged failure of Wilmington University to comply with the requirements of the Family Educational Rights and Privacy Act. Complaints should be mailed to:

Family Policy Compliance Office
US Department of Education
400 Maryland Avenue, SW
Washington, DC 29292-4605

Annual Notification to Students
Wilmington University is required to notify students annually of their rights regarding privacy. An ongoing message is inserted in each semester guide, directing students to the following web address: **www.wilmu.edu/studentlife/privacy. html.**

Registration

Students can register for classes during official registration periods as announced by the University in the academic calendar. Dates for open registration, late registration, drop/add, and withdrawal are published by the University each semester in the semester guide. Copies are available at the Office of the Registrar, any site offices, or on our website, **http://www.wilmu.edu.** Students should become familiar with academic calendar dates and deadlines for proper academic planning.

Course Withdrawal
Students may withdraw from a course without academic penalty prior to the course withdrawal deadline stated in the University academic calendar, semester guides, and on our website. Course withdrawals are completed at the Office of the Registrar, a student's home site office, or by mail or fax using an official withdrawal form. Students who choose to fax or mail withdrawal forms are responsible for calling the appropriate office to verify receipt of the request. Withdrawing from a course does not release a student from financial responsibility or obligation for the course. Students may conclude payment

arrangements at the time of withdrawal or continue to be billed under the existing payment plan agreement. A grade of "W" is recorded on the student's record for official withdrawals. Failure to withdraw before the withdrawal deadline results in a grade of "FA" or "NA."

Wilmington University will consider employer/medical-based withdrawals on both a per course basis and an entire semester basis. Students are required to complete the Withdrawal Form and submit it as stated previously. Additionally, a brief letter explaining the employer/medical conditions that warrant a withdrawal and supporting documents from an employer or doctor should be submitted to the Student Financial Services Office for appropriate consideration.

Dropping/Adding Courses

Course drop/add instructions and dates are listed in semester guides, the academic calendar, and on our website. If a class is dropped during the drop/add period, tuition is refunded; fees are not refunded. If a class is added after the drop/add period ends, regardless of the reason, the student must pay tuition and all fees in full at that time. The payment plan cannot be used for courses added after the drop/add period. To drop or add a course after initial registration, students should go directly to the Registrar's Office or home site office during the scheduled drop/add period. Students can also fax or mail in a Drop/Add Form to the Registrar's Office or home site office. Students who fax/mail in a Drop/Add Form are responsible for calling the appropriate office to verify receipt of the request. Students receiving financial aid should consult with the Student Financial Services Office to determine potential consequences of any change in course credit load.

Modular Drop/Add and Modular Withdrawal

Modular adds must be completed before the first class meeting. Modular drops must be completed by the Monday following the first class meeting. Modular withdrawals must be completed by the Friday following the first class meeting. Failure to withdraw before the withdrawal deadline results in a grade of "FA" or "NA."

Repeating a Course

Whenever a course is repeated, the new grade is recorded on the transcript. For the purposes of GPA computation, the new grade will be used so that only one grade is calculated into the cumulative grade point average. The most recent semester in which you have taken the repeated course will be the course grade that is calculated into the grade point average. All grades will remain on the transcript. A successfully completed course can be applied to graduation requirements only once.

University and Academic Calendar Year

The academic year is divided into three semesters, six accelerated sessions (blocks), and weekend modules.

Change of Policy

Wilmington University reserves the right to change or adjust its academic policies, tuition, fees, payment plan procedures, academic calendar and to cancel or add courses at any time.

DEGREE REQUIREMENTS

Requirements for the Associate Degree

Students must fulfill the following requirements in order to be eligible for graduation with an associate degree:

a. Complete course requirements in the major field of study, including the General Education Requirements.

b. Complete 30 credit hours of residency at Wilmington University. Residency credit may include 15 credit hours of challenge by exam and/or prior learning assessment.

c. Achieve an overall cumulative grade point average of at least 2.0.

d. Achieve a cumulative grade point average of at least 2.0 in the major field of study.

e. Demonstrate competence in verbal and written communications and computational skills.

f. Complete a minimum of 60 total credit hours required for degree completion.

g. Completion of the FYE 101 (First Year Experience) course is required for students entering the University with 12 or less credits.

Requirements for the Baccalaureate Degree

Students must fulfill the following requirements to be eligible for graduation with a baccalaureate degree:

a. Complete course requirements in the major field of study, including the General Education Requirements.

b. Complete 45 credit hours of residency at Wilmington University. Residency credit may include 15 credit hours of challenge by exam and/or prior learning assessment.

c. Achieve an overall cumulative grade point average of at least 2.0.

d. Achieve a cumulative grade point average of at least 2.0 in the major field of study.

e. Complete at least 45 credit hours of upper division (300-400 level) course work.

f. Demonstrate competence in verbal and written communications and computational skills.

g. Complete a minimum of 120 total credit hours required for degree completion.

h. Completion of the FYE 101 (First Year Experience) course is required for students entering the University with 12 or less credits.

Dual Degree Policy

A minimum of 30 upper level credit hours, in addition to the requirements for a bachelor's degree, must be completed in order to obtain a second degree. All second degree upper level credits must be earned at Wilmington University.

General Education Requirements for the Baccalaureate Degree

Certain General Education courses are required in each of the degree programs of the University. These courses provide students an opportunity to gain a thorough understanding of basic accumulated general knowledge. The courses are designed to assure that a wide range of viewpoints and philosophies, as well as classic literature, become familiar to students. General Education courses provide a common academic meeting ground for students and professors to interact. These shared studies afford the opportunity to explore generally accepted concepts and principles, develop critical thinking skills, and identify questions and issues requiring further study and research.

The following is a listing of the General Education requirements for the baccalaureate degree:

English Composition (9 credits)
English Composition I
English Composition II
Advanced Communication Skills

Humanities (12 credits)
Human World Views: 3500 BCE–1650 AD
Human World Views: 1650 AD–Present

Humanities electives (6 credits)
Choose two from:

BBM	319	Business Ethics
COM	245	Writing for the Media
COM	322	Aesthetics of Film
Drama		
DSN	110	Fundamentals of Drawing
ENG	360	Creative Writing
ENG	365	Academic Writing
HIS	230	History of Art and Design
TEC	215	Basic Photographic Techniques

Fine Art, Foreign Language Literature, Music, Philosophy

Social Science   **(9 credits)**

Economics

Two of the following:

Introduction to Psychology

Introduction to Sociology

History or Government Elective

Mathematics   **(3 credits)**

See program requirement

Natural Science   **(3 or 4 credits)**

See program requirement

Computer Operations   **(3 credits)**

See program requirement

Total credits   **(39 or 40 credits)**

FINANCIAL AID

Financial aid is available to those who qualify. If educational expenses are greater than the family's ability to pay, as determined by a Congressionally-defined formula, a student is considered to be in need of financial assistance. The primary responsibility for financing a college education rests with parents and students, and federal financial aid is provided to supplement the total family contribution and is awarded on the basis of demonstrated financial need.

Application Procedures for Financial Aid

1. Wilmington University requires all financial aid applicants to complete the FAFSA and strongly urges all students to do so on-line at www.fafsa.ed.gov. If not already done, students must request a PIN as the first step in completing the FAFSA on-line. When accessing the FAFSA web site, students who do not have a PIN are directed to apply for one. The PIN allows students to electronically sign the FAFSA, which reduces federal processing time to days instead of weeks. The data required on the FAFSA is based on the previous year's tax information.

2. Upon receipt of a student's FAFSA data, Wilmington University will send letters indicating what additional documents are needed to complete processing. Students must submit all required documents before financial aid awards will be made.

3. Upon receipt of all required documents, a determination will be made by Wilmington University as to the applicant's aid eligibility. Students then will receive an award letter from the University listing the types and amount of aid offered to them.

4. Students who are offered and who accept student loans for the first time at Wilmington University must complete a Master Promissory Note (MPN). Students who have received or who are currently receiving a student loan at Wilmington University do not have to do this, as the MPN is good for 10 years. Applicants will be notified by the direct loan servicer concerning the loan approval and terms.

5. In order to be eligible for aid, applicants must be fully admitted into a degree program. In order to actually receive aid, students must maintain an enrollment of a minimum of six credits per semester.

Athletic Scholarships

Partial scholarships may be awarded to students who show exceptional athletic ability. The Athletic Director, the coaching staff of each sport, and a representative from Student Administrative Services determine the amount of a scholarship. Recipients must be academically qualified and must conform to the NCAA requirements and conditions.

Determination for Financial Aid

In order to be eligible for federal grants and loans, state grants and scholarships, and institutional scholarships, students must submit the Free Application for Federal Student Aid (FAFSA). The data from the FAFSA is used to determine the Expected Family Contribution (EFC), which is then used to determine the type and amount of aid for which a student may be eligible. The procedure for completing and submitting the FAFSA is outlined below.

Financial aid applicants must complete an admissions application, submit required admissions documents, and be accepted into a degree program, as no funds can be awarded until the applicant has been officially accepted to the University.

The total processing time from submission of the FAFSA to processing by Wilmington University can take from two to eight weeks. Therefore, students are encouraged to submit the FAFSA well in advance of the registration period for the term in which they plan to enter. Financial aid applications are processed on an ongoing basis and grants and scholarships which have limited funds are awarded on a first-come, first-served basis.

Federally-Funded Financial Aid

There are two types of federal financial assistance: grants and self-help.

Federal grants:
- The Federal Pell Grant
- The Federal Supplemental Educational Opportunity Grant (SEOG). Students must be eligible to receive a Pell Grant in order to receive the SEOG.
- Academic Competiveness Grant (ACG): This grant is available to first- and second-year students, as defined by the U.S, Department of Education, who complete a rigorous high school program. Students must receive a Pell Grant in order to receive an ACG.
- National Science and Mathematics Access to Retain Talent Grant (National SMART Grant): This grant is available to third- and fourth-year students in certain College of Technology majors. Students must receive a Pell Grant in order to receive a SMART Grant.

Self-help programs:

- Federal College Work-Study Program (CWS)
- Federal Direct Stafford Subsidized Loan - This loan is based on need. The federal government pays the interest on the loan from date of first disbursement until the student goes into repayment, which is six months after graduating OR withdrawing from the University, or dropping below six credits in enrollment.
- Federal Direct Stafford Unsubsidized Loan - This loan is NOT based on need and the student is responsible for paying the interest on the loan from the date of the first disbursement.
- Parent PLUS Loan - Parents of dependent undergraduate students are eligible to borrow PLUS loans for their child's educational expenses. Like the unsubsidized loan, this loan is NOT based on need. The parent is the borrower, and repayment of both the principle and interest begins 60 days after the second disbursement of the academic year.

Federal financial aid provides assistance with paying for: tuition and fees, books and supplies, transportation costs, modest living expenses, and dependency expenses. This assistance is not meant to provide all living expenses. Rather, the funds are available to assist students to attend college. Detailed information on these programs and the financial aid application process is available to all students on the Wilmington University web site. For those students who do not have access to the web, this same information is available in a hard copy pamphlet called the Wilmington University Guide to Financial Aid.

Refund Policy for students receiving Federal Financial Aid (Return of Title IV funds policy)

The Financial Aid Office is required by federal statute to determine how much financial aid was earned by students who withdraw, drop out, are dismissed, or take a leave of absence prior to completing 60% of a payment period or term.

For a student who withdraws after the 60% point-in-time, there are no unearned funds. However, a school must still complete a Return calculation in order to determine whether the student is eligible for a post-withdrawal disbursement.

The calculation is based on the percentage of earned aid using the following Federal Return of Title IV funds formula:

Percentage of payment period or term completed = the number of days completed up to the withdrawal date divided by the total days in the payment period or term. (Any break of five days or more is not counted as part of the days in the term.) This percentage is also the percentage of earned aid.

Funds are returned to the appropriate federal program based on the percentage of unearned aid using the following formula: Aid to be returned = (100% of the aid that could be disbursed minus the percentage of earned aid) multiplied by the total amount of aid that could have been disbursed during the payment period or term.

If a student earned less aid than was disbursed, the institution would be required to return a portion of the funds and the student would be required to return a portion of the funds. Keep in mind that when Title IV funds are returned, the student borrower may owe a debit balance to the institution.

If a student earned more aid than was disbursed to him/her, the institution would owe the student a post-withdrawal disbursement which must be paid within 120 days of the student's withdrawal.

The institution must return the amount of Title IV funds for which it is responsible no later than 45 days after the date of the determination of the date of the student's withdrawal.

Refunds are allocated in the following order:

- Unsubsidized Federal Stafford Loans
- Subsidized Federal Stafford Loans
- Unsubsidized Direct Stafford Loans (other than PLUS loans)
- Subsidized Direct Stafford Loans
- Federal Perkins Loans
- Federal Parent (PLUS) Loans
- Direct PLUS Loans
- Federal Pell Grants for which a return of funds is required
- Federal Supplemental Opportunity Grants for which a return of funds is required
- Other assistance under the Title for which a return of funds is required (e.g. LEAP)

Renewal of Award Process

Students must reapply for financial aid each academic year using the steps outlined previously.

Satisfactory Academic Progress for Financial Aid Recipients

The Financial Aid Satisfactory Academic Progress Policy for Financial Aid Recipients (SAP) mirrors the University's academic policy with regard to GPA. Students placed on probation by the University may maintain financial aid eligibility during the current academic year. Students who are suspended by the University maintain all disbursements prior to the date of the suspension and become ineligible for all subsequent disbursements as of the suspension date.

In addition to GPA standards, students must progress at a 75% completion rate. This also includes all withdrawals and repeated classes: each one counts once. (Example: ENG 101 is taken and student withdraws, student takes the class again and fails; then the student takes the class and passes, for federal financial aid purposes, this equals attempted 9 credits and passed 3 credits). That is, on a cumulative basis, students must successfully complete 75% of the credits attempted. Successful completion is defined as earning an "A", "B", "C", or "D" in a course. Students who fall below the 75% rate will be placed on financial aid probation for a term and will remain eligible for aid if the student signs an academic contract, which details the academic requirements the student is expected to meet. Prior to registering for a subsequent term, students on academic contracts must meet with their respective Financial Aid Officers for an academic review of the most recent term. Students who do not adhere to the academic contract may lose financial aid eligibility or may be placed on contracts for a second term. If obligations are not met after the second contract, students will lose financial aid eligibility. Finally, students who are required to sign academic contracts may be limited to a maximum amount of aid to cover tuition, fees, and books only.

An appeals process is available to students who are placed on financial aid probation or suspension. Appeals must be submitted in writing and will be reviewed by an academic committee comprised of a Financial Aid Officer, the Director and/or Associate Director of Financial Aid, and other personnel to be determined at the time of the appeal meeting. The decision of the appeal committee is final.

State of Delaware Support

Funds appropriated by the General Assembly of the State of Delaware and the federal government are combined to assist Delaware residents who are, or will be, full-time students at colleges in Delaware or in certain out-of-state college programs which are not offered at state-supported Delaware institutions. These funds are administered by the Delaware Higher Education Commission which determines eligibility and makes awards.

Financial need is the primary criterion for assistance. The priority application deadline is April 15 of each year.

Student Refund and Withdrawal Policy

Wilmington University refund and withdrawal policies are published in the Wilmington University Guide to Financial Assistance which is available to all Wilmington University applicants and enrolled students. This information is available on the Wilmington University web site at www.wilmu.edu.

Wilmington University Institutional Scholarships

As a result of gifts to the University, a limited number of scholarships are available to full-time students on the basis of academic achievement and the potential contribution of the student to the total life of the University.

Academic Advising Services

The Office of Academic Advising offers undergraduate student support services regarding academic development. These support services include clarification of University policies, explanation of degree programs, help with schedule planning, and transfer credit evaluations for new transfer students. Education majors are also welcome to make an appointment with the appropriate program coordinator to discuss the intricacies of the education requirements.

University Library

The Library supports the mission of Wilmington University through its collections, services, facilities and programming. Through a combination of innovative technology and resources, the Robert C. and Dorothy M. Peoples Library serves students, faculty and staff regardless of program or location. Each site offers group study rooms, free wireless access, multimedia viewing stations, and a myriad of computers for research and Internet access. A team of professional librarians and dedicated staff are available to answer research questions, recommend resources, assist with formulation of search strategies, and instruct in the use of electronic and print resources for students at all sites. Students registered in Distance Programs at Dover Air Force Base, Dover, Georgetown, and New Jersey sites may request books-by-mail at no charge from the main campus site in New Castle by completing the online request form or by calling our toll-free phone line.

Located in the Robert C. and Dorothy M. Peoples Library Building on the New Castle campus, the main library holds a collection of over 192,000 volumes and more than 450 periodicals in print and microfilm. The library features state-of-the-art technologies with resources accessible through the Internet, including online catalog, e-books, and electronic databases providing access to reference materials and thousands of full-text journals. There are library resource rooms available for students in Dover and one at the Wilson Graduate Center.

The library resource rooms provide Internet access to WebCat, e-books, and electronic databases as well as librarian support for reference, interlibrary loan, individual instruction, and assistance with using resources. Students at Georgetown and Rehoboth Beach may use the Stephen J. Betze Library at Delaware Technical and Community College Southern Campus. In addition, students may obtain borrowing privileges at 41 regional libraries that are members of the Tri-State College Library Consortium. Interlibrary loans from academic libraries across the country expand access to needed research materials. Electronic delivery is available for most ILL materials.

Library displays and exhibits provide information on campus activities and programs as well as enhance the learning experience. Collaboration between the library and faculty to integrate information literacy into the curriculum helps foster and support development of information-seeking skills that can lead to a competitive edge in the workplace. Contact a librarian to schedule an orientation or for assistance with your research.

Information about the library, including policies, online request forms, and subject guides can be found on the Wilmington University web site at: www.wilmu.edu/library. This homepage serves as a gateway to local, national and global information resources.

Disability Services

Wilmington University offers a variety of educational support services for students with disabilities. The University actively supports the rights of students with disabilities to have equal access to education and makes every reasonable effort to accommodate their needs. For further information, contact the Office of Student Life.

Housing Assistance

Wilmington University does not provide on-campus housing for students. However, the University provides a listing of housing accommodations in the community to meet the needs of students seeking a place to live. In addition, the Office of Student Life offers assistance in introducing students to prospective roommates.

Office of Student Affairs

The Office of Student Affairs is Wilmington University students' central resource for many aspects of student life. Please feel free to contact the Office of Student Affairs with any questions, concerns or suggestions you may have to improve our services.

Office of Student Life

The Office of Student Life is responsible for planning, coordinating, developing, and implementing all student activities. Student activities at Wilmington University enhance the educational process.

Athletics

Wilmington University is a member of the National Collegiate Athletic Association (NCAA) and the Central Atlantic Collegiate Conference (CACC). The University fields intercollegiate basketball, baseball, soccer, golf, and cross-

country for men; and basketball, softball, volleyball, soccer, lacrosse, cheerleading, and cross-country for women. The Director of Athletics is responsible for the sports program.

Student Organizations

Involvement in student organizations adds dimensions to the University experience. Wilmington University students can participate in a wide range of campus organizations and activities, including the Student Government Association, Alpha Delta Chi Criminal Justice Club, the Green Team, International Reading Association, Society for Human Resource Management, honor societies, and departmental clubs.

The Student Government Association (SGA) and other clubs/organizations sponsor cultural and social events throughout the year. Students are encouraged to participate in any organization or to propose new organizations to the SGA. All clubs and interest groups must secure approval from the Office of Student Life before being formally organized.

The University requires all official organizations to identify their goals and objectives to ensure they are compatible with the philosophy and regulations of the University. Procedures for organizing student clubs are outlined in the Guidelines for Student Organizations, available in the Office of Student Life.

Guest Speakers

Wilmington University and participating campus organizations sponsor guest speakers on a wide range of subjects. The University is eager to have a variety of points of view expressed and to have the best available representatives of each point of view. The University does not allow itself to be used as an arena for extremist political activism that may result in disruption of peaceful procedures or destruction of property. For further information, contact the Office of Student Affairs.

Career Services

The University offers a variety of career-related services for students: job fairs, placement, career-related workshops, career counseling, on-campus recruiting and interviewing, job postings, resume assistance, and career assessment. These career services are part of the services provided by the Office of Student Affairs.

The Alumni Association

The Wilmington University Alumni Association was founded with the first graduating class of 150 students in 1972 to strengthen and promote the growth of the University. An alumni representative is elected to the University's Board of Trustees and participates in University governance. Comprised of undergraduate and graduate alumni, the Association

recruits students to the institution and communicates students' accomplishments to the community-at-large. It also is involved in coordinating special events and fund-raising activities.

For further information on the Alumni Association, contact the Wilmington University Office of Alumni Relations.

Wilmington University seeks students who show promise of academic achievement. The University recognizes the effect of determination, motivation, and maturity on students' performance and is eager to give students a chance to prove themselves.

The University seeks a diversified student body and encourages applications from students with differing backgrounds, aptitudes and interests, including career-minded adults who wish to upgrade their skills or complete a degree program. Candidates must be graduates of an accredited high school or have successfully completed an approved Home School program or General Educational Development (GED) program.

Application Procedures

Application materials may be obtained from Wilmington University's website, by mail, or in person from the Admissions Office or at any of the University locations. The application may also be completed online via the Wilmington University home page: www.wilmu.edu.

Freshmen applicants must complete the following steps:

1. Submit a completed application with the required application fee.

2. Submit an official high school or GED transcript to the Admissions Office. Transcripts are "official" when they are in a sealed envelope from the sending institution.

3. SAT or ACT scores are not required for general admission but are taken into consideration for mathematics and English placement. As required by the National Collegiate Athletic Association (NCAA), student athletes must submit SAT or ACT scores.

4. Submit a copy of immunization records to the Admissions Office. Immunization records are required for all education and nursing majors and all full-time students.

5. For new students, it is suggested to arrange an appointment with an admissions associate at the University location of attendance. At the appointment, new students will learn about additional major-specific requirements.

6. English and Math Skills Assessments are required for any undergraduate student who has not transferred acceptable credits for the following requirements: MAT 101, MAT 200, MAT 201, MAT 205, or ENG 101. These assessments must be completed prior to course registration and the results permit the University to place the student in the appropriate level Math or English course. Even though SAT scores are not required for general admissions, students who score a 450 or above on either the English or Math section of the SAT are exempt from skills assessment in that area.

Transfer applicants must complete the following steps:

1. Submit a completed application with the required application fee.

2. Contact all previously attended post-secondary institutions to send official transcripts directly to the Office of Admissions. Students with fewer than 15 transfer credits are required to submit an official high school transcript or GED to the Office of Admissions.

3. Submit a copy of immunization records to the Office of Admissions. Immunization records are required for all education and nursing majors and all full-time students.

4. For new students, it is suggested to arrange an appointment with an admissions associate at the University location of attendance. At the appointment, new students will learn about additional major-specific requirements.

5. English and Math Skills Assessments are required for any undergraduate student who has not transferred acceptable credits for the following requirements: MAT 101, MAT 200, MAT 201, MAT 205, or ENG 101. These assessments must be completed prior to course registration and the results permit the University to place the student in the appropriate level Math or English course. Even though SAT scores are not required for general admissions, students who score a 450 or above on either the English or Math section of the SAT are exempt from skills assessment in that area.

There are three main admissions statuses for freshmen and transfer undergraduate students at Wilmington University: 1) Conditional Acceptance; 2) Full Acceptance; and 3) File Complete. Below is a description of each status.

Conditional Acceptance:

In order for an undergraduate student to be Conditionally Accepted, he or she must have completed an Application for Undergraduate Admission and paid the required, non-refundable application fee. **Students who are Conditionally Accepted are eligible to enroll in coursework, but are not eligible to receive financial aid.** The purpose of this status is to enable new students to quickly enroll in coursework while waiting for other required documentation received by the Office of Admissions.

Full Acceptance:

An undergraduate student who is Fully Accepted has completed the following document tracking requirements: 1) Application for Undergraduate Admissions; 2) Application Fee; and 3) Official High School and/or College Transcripts. **Students who are Fully Accepted are eligible to enroll in coursework AND eligible to receive financial aid.**

File Complete:

When ALL required documents have been received be the Office of Admissions, a student's admissions status is File Complete. Required documents vary depending on the type of undergraduate student. For example, immunization records are required for ALL full-time students and part-time students who are majoring in Nursing or Education. When the immunization records are received by the Office of Admissions, the student's status will be changed to File Complete. **Undergraduate students with this status are eligible to enroll in coursework AND eligible to receive financial aid.**

Applications and supporting documentation should be on file in the Admissions Office at least 30 days prior to the start of the desired session. Late applications will be processed as quickly as possible, on a space-available basis. Applications and supporting documents are kept on file for one year for non-registered students. According to applicable federal and state laws and regulations, all filed materials become the property and confidential records of the University and cannot be returned to the student.

The Admissions Decision

The final decision is made after all application requirements have been met. The University uses a rolling admission system and applicants are generally notified of their status within two weeks of the receipt of all materials.

International Student Admission

For a complete list of instructions for applying as an F-1 international student at Wilmington University, please visit www.wilmu.edu/admission/international. In addition to the standard admission procedures, international students must submit the following information:

1. Transcript Evaluation. Evaluated international credentials reviewed by an approved United States credential evaluation agency. If you are not aware of such an agency, please call the Admissions Office for a referral.

2. Proof of Language Proficiency. Minimum TOEFL scores of 61 on the internet-based test (IBT) or 173 on the computer-based test (CBT), minimum IELTS score of Band 5.5 or greater, or the successful completion of 12 credit hours that shows English-related coursework from an accredited American institution.

3. Financial Support Documentation. Evidence of financial ability to pay the costs of education. Certified financial statements are required.

If you are entering the United States from another country, upon arrival please immediately make an appointment with your Designated School Official (DSO) and bring with you your original I-20, I-94, Passport and F-1 Student Visa.

Nursing Student Admission

Refer to the Academic Program section of this catalog under the category of Nursing.

Readmission

A student who discontinues study in any program for 12 months or more is required to reapply and pay a new application fee. The student must meet all of the admission and program requirements in effect on the date of readmission. A student will not be able to register until the readmission process is completed.

Transfer Student Admission

Wilmington University accepts for transfer a maximum of 75 hours towards a bachelor's degree and 30 hours towards an associate's degree. Different contractual agreements apply at Dover Air Force Base. All credits must be from a accredited institution that is recognized by the Council for Higher Education Accreditation (CHEA), earned with a grade of "C" or better. A transfer student with a cumulative GPA of less than 2.0 will be interviewed by an academic representative to determine an appropriate course schedule.

All baccalaureate degree programs require a minimum 120 credits, of which 45 credits must be upper division (300-400 level). A minimum of 45 credits must be completed in residence at Wilmington University.

Veteran Admission

Veterans are required to follow all of the standard admission procedures. In addition, veterans must contact the Student Financial Services Office and file the necessary paperwork to establish qualifications for benefits.

Applicants with Felony Convictions

Wilmington University adheres to policies regarding applicants with felony convictions by requiring applicants to submit a description in writing outlining the type of offense, the circumstances of the offense, and the date and jurisdiction of conviction, with the application for admission. The documentation is assessed by an attorney, and an admission decision is made. This process can take up to three months to complete.

University Policies Regarding Substance Abuse

Wilmington University policies regarding substance abuse are detailed in the Wilmington *University Student Handbook* that is distributed to all students and on the Wilmington University web site at www.wilmu.edu.

Dismissals from Other Institutions

Wilmington University adheres to policies regarding academic and behavioral dismissals from other institutions by requiring applicants to submit a written description of the situation, outlining the circumstances on the application for admission. An admission decision is made by the Director of Admissions.

Transcript Waiver Requests

Wilmington University adheres to policies regarding applicants who wish to waive transcripts from previously attended post-secondary institutions. High school transcripts will not be waived for applicants who transfer less than 15 post-secondary credits. Applicants must submit their request in writing to the Director of Admissions. Requests must include the name of the institution, dates of attendance, and the reason for the request. Transcripts may be waived for three reasons: 1) The institution was not accredited at the time of the student's attendance; 2) The institution is no longer in existence and transcripts are unable to be retrieved; and 3) The student withdrew from courses prior to completing one term, as defined by that institution. Requests are reviewed and investigated by the Director of Admissions and can take up to one month to complete.

Arts and Sciences

General Studies

Associate of Arts

Program Philosophy and Objectives

This two-year program is intended for those students who wish to gain a broad background in liberal studies. The General Studies Associate of Arts degree provides a well-rounded academic foundation and exposes students to several specialized areas of study, with the option to transition into any four-year degree program at Wilmington University.

Program of Study

The Associate of Arts degree program in General Studies includes courses in English composition, social studies, mathematics, science, and the humanities. Students are encouraged to structure a core specialization, consisting of 18 credit hours, in an area of interest.

Sixty total credit hours are required for degree completion.

Curriculum

General Education Requirements (42 credits)

BCS	205	Personal Computer Operations I
OR		
BCS	206	Computer Applications in Business
ENG	101	English Composition I
ENG	102	English Composition II
ECO	105	Fundamentals of Economics
ENG	111	Advanced Communication Skills
MAT	205	Introductory Survey of Mathematics
HIS	300	World and Regional Geography
PSY	101	Introduction to Psychology
OR		
SOC	101	Introduction to Sociology

Political Science Elective

Natural Science Elective (SCI 308 excluded)

Fine Arts Elective

Select one course with prefix: ART, MUS, or DRA

Philosophy Elective

Literature Elective

Humanities Elective

Electives (or core specialization) (18 credits)

General Studies

Bachelor of Science

Program Philosophy and Objectives

This baccalaureate degree is intended for transfer students who have taken courses at several schools and now desire to maximize their prior course work in a degree completion program. Transfer students must have a minimum of 30 transferable college credits to enter this program. Graduates of the Wilmington University Associate of Arts in General Studies may also enroll in this program.

All general University policies concerning the requirements for a bachelor's degree will apply. Students entering the program are required to obtain the approval of the academic advisor.

Goal–Directed Track

Students have the opportunity to tailor a program of study that concentrates on individual areas of interest. The student, academic advisor, and Academic Dean design a customized program of study from existing courses to create an academically valid, educationally fulfilling program.

Program Competencies

Upon completion of the program, each graduating student will:

1. Speak with confidence, clarity, and conciseness.
2. Research, prepare, and deliver professional presentations.
3. Write clearly, concisely, and appropriately using correct English grammar, punctuation, usage, mechanics, sentence structure, and vocabulary.
4. Utilize appropriate APA format for scholarly writings.
5. Utilize quantitative, qualitative, and scientific reasoning to solve problems.
6. Exercise critical thinking strategies, including reasoning, problem solving, and analysis and evaluation.
7. Access, use, and evaluate information effectively and appropriately.
8. Use technology to effectively locate and communicate information.
9. Apply legal and ethical principles.

Curriculum

The program design consists of two parts: 21 General Education requirements and 19 elective courses. The General Education courses provide a well-rounded academic foundation; the elective courses may be selected to meet individual student goals.

General Education Requirements (64 credits)

BCS 205   Personal Computer Operations I
OR
BCS 206   Computer Operations in Business
ENG 101   English Composition I
ENG 102   English Composition II
ENG 111   Advanced Communication Skills
ECO 105   Fundamentals of Economics
Select (ENG 365 or ENG 360)
GEN 480   Senior Seminar
POL Elective
History Elective
HUM 360   Human World Views: 3500 BCE–1650 AD
HUM 361   Human World Views: 1650 AD–Present
PHI 310   Critical Thinking

Select 4 Humanities courses from the following:

ART, Foreign Language, HUM, LIT, MUS, PHI, DRA, COM 245, COM 322, DSN 110, HIS 230

MAT 205 Introductory Survey of Mathematics (or equivalent)

Natural science elective with lab (4 credits)

Natural science elective

PSY 101   Introduction to Psychology
SOC 101   Introduction to Sociology

Elective Core (or goal-directed track) (57 credits)

Government and Public Policy

Bachelor of Science

Program Philosophy
Public policy professionals play a key role in developing and implementing policies in areas such as the environment, energy, healthcare, poverty, transportation, education, consumer protection, and economic development. They educate the public and legislators, design laws, implement specific programs, and monitor the outcomes. Typically, public policy professionals pursue careers in government, government-related businesses, regulated industries, interest groups, and nonprofit organizations as well as graduate studies in law, public administration, public policy, political science, and healthcare administration.

Program Competencies
In addition to demonstrating college level proficiency in the Wilmington University undergraduate competencies outlined in this catalog, Government and Public Policy graduates will also be able to:

1. Construct persuasive oral communications to communicate effectively with various constituencies.
2. Create persuasive position papers, press releases, and original legislation.
3. Differentiate economic, legal, political, and governmental institutions, systems, and processes.
4. Design an original law based on analysis of problems or issues.
5. Access, use, and evaluate information effectively and appropriately, and use technology to effectively locate and communicate information.
6. Integrate an understanding of economic, legal, political, and governmental institutions, systems, and processes.

Curriculum

General Education Requirements   (45 credits)
BCS	206	Computer Operations for Business
ECO	101	Economics I
ENG	101	English Composition I
ENG	102	English Composition II
ENG	111	Advanced Communication Skills
HUM	360	Human World Views: 3500 BCE–1650 AD
HUM	361	Human World Views: 1650 AD–Present
MAT	101	College Math I
MAT	102	College Math II
MAT	308	Inferential Statistics
PSY	101	Introduction to Psychology
SOC	101	Introduction to Sociology

Natural Science Elective   (3 credits)

Humanities Electives   (6 credits)

Business, Behavioral Science and College of Technology Core   (30 credits)
BBM	103	Introduction to Public Administration
BBM	330	Power, Politics, & Negotiation
BLA	303	Legal & Ethical Environment of Business
COM	431	Media & Society
ECO	102	Economics II
ECO	301	Contemporary Economic Problems
FIN	300	Applied Concepts in Accounting and Finance
ORG	301	Survey of Organizational Dynamics
ORG	444	Organizational Justice, Ethics, Social Responsibility
PSY	315	Group Dynamics

Government and Public Policy Core   (39 credits)
LES	205	State & Local Government
POL	300	American Politics
POL	304	Constitutional Law
POL	315	Comparative Government & Politics
POL	326	Public Policy & Social Issues
POL	340	Criminal Justice Policy
POL	350	Economic Welfare & Income Policy
POL	360	Education Policy
POL	370	Energy & Environmental Policy
POL	380	Health Care Policy
POL	402	Analysis of Public Policy
POL	403	Writing for Public Policy
POL	490	Internship in Public Policy

Free Electives   (6 credits)

Freshman

1st Semester	2nd Semester
BCS 206	ENG 102
ENG 101	MAT 102
POL 300	SOC 101
MAT101	BBM 103
PSY 101	Natural Science Elective

Sophomore

1st Semester	2nd Semester
ENG 111	ECO 101
HUM 360	ECO 102
LES 205	HUM 361
POL 326	MAT 308
FIN 300	POL 315

Junior

1st Semester	2nd Semester
BLA 303	POL 360
ECO 301	POL 370
ORG 301	POL 380
POL 340	POL 304
POL 350	PSY 315

Senior

1st Semester	2nd Semester
POL 402	POL 403
BBM 330	POL 490
ORG 444	COM 431
Free Elective	Free Elective
Humanities Elective	Humanities Elective

Legal Studies

Bachelor of Science

Purpose

The Bachelor of Science degree in Legal Studies offers a balanced education with an emphasis in the law. It provides sound preparation for students aspiring to further study in law or for those wishing to enter the legal field as a paralegal or legal assistant working under the supervision of an attorney. Additionally, students will gain a solid foundation for careers in other areas, including government, human resources, and banking.

Program of Study

The program emphasizes the knowledge, skills, and values needed to become competent and ethical professionals working in the legal services industry. The General Education Requirements, which are required of all Wilmington University students, provide a well-rounded academic foundation that emphasizes analytical thinking, reading comprehension, and communication skills. In addition, students receive direct instruction in legal research and writing, legal concepts and terminology, and the practical skills needed to successfully enter the job market. Furthermore, an emphasis is placed on providing students the opportunity to develop strong interpersonal skills, self-discipline, and ethical principles.

Program Competencies

In addition to demonstrating college level proficiency in the Wilmington University undergraduate competencies outlined in this catalog, Legal Studies graduates will also be able to:

1. Access, use, and evaluate information effectively and appropriately, and use technology to effectively locate and communicate information.

2. Apply legal and ethical principles to guide professional behaviors and decision-making.

3. Demonstrate proficiency in using computers and telecommunication technology.

Lambda Epsilon Chi Honor Society

Lambda Epsilon Chi (LEX) is a national honor society for paralegal students and one of the highest scholastic honors that can be achieved in the Wilmington University College of Arts and Sciences. Invitation to membership in Lambda Epsilon Chi is based on application, grade point average

(GPA), and formal recommendation of the Legal Studies Advisory Board. It is our way of recognizing the outstanding scholastic achievements of students graduating with a Bachelor of Science in Legal Studies.

Minimum Grade Policy

The Legal Studies program has set a minimum passing grade of "C" for LES 120, 200, 314, 316, and 320 (designated with an asterisk). Students receiving a grade lower than "C" in any of these courses must retake that course.

CURRICULUM

General Education Requirements   (40 credits)

BCS	205	Personal Computer Operations I (or BCS 206)
ENG	101	English Composition I
ENG	102	English Composition II
ENG	111	Advanced Communication Skills
HUM	310	Building Brain Power
HUM	360	Human World Views: 3500 BCE–1650 AD
HUM	361	Human World Views: 1650 AD–Present
MAT	205	Introductory Survey of Mathematics
PSY	101	Introduction to Psychology
SCI	105	Physical Science with Lab
SOC	101	Introduction to Sociology
ECO	105	Fundamentals of Economics
PHI	310	Critical Thinking

General Studies Concentration   (12 credits)

POL	326	Public Policy and Social Issues
HIS	204	World History
HIS	316	American History
MAT	308	Inferential Statistics

Legal Studies Core   (30 credits)

LES	120	Introduction to Legal Studies*
LES	200	Legal Ethics*
LES	314	Legal Research*
LES	316	Legal Writing*
LES	317	Contracts
LES	320	Law Office Technology*
LES	402	Business Organizations
LES	403	Civil Procedure
LES	420	Person Injury and Malpractice
LES	499	Senior Seminar in Legal Studies

Directed Core Electives   (20 credits)

LES	205	State and Local Government
LES	303	History of American Jurisprudence
LES	304	Constitutional Law
LES	330	Cyberlaw
LES	331	Electronic Discovery
LES	401	LSAT Preparation
LES	404	Criminal Law
LES	405	Delaware Practice
LES	406	Family Law
LES	408	Employment Law
LES	409	Bankruptcy
LES	410	Real Estate, Transfer and Ownership
LES	411	Estates, Trusts, and Probates
LES	416	Environmental Law
LES	417	Intellectual Property
LES	490	Internship in Legal Studies

Free Electives   (18 credits)

SUGGESTED PROGRAM SEQUENCE

FRESHMAN

1st Semester	2nd Semester
BCS 205 or 206	ENG 102
ENG 101	HIS 204
MAT 205	ECO 105
PSY 101	HUM 310
SCI 105	SOC 101

SOPHOMORE

1st Semester	2nd Semester
ENG 111	HUM 361
HUM 360	LES 403
LES 200	LES 316
LES 120	MAT 308
LES 314	Legal Elective

JUNIOR

1st Semester	2nd Semester
HIS 316	POL 326
LES 320	LES 317
PHI 310	LES 402
Free Elective	Free Elective
Legal Elective	Legal Elective

SENIOR

1st Semester	2nd Semester
LES 420	LES 499
Free Elective	Free Elective
Free Elective	Free Elective
Legal Elective	Legal Elective
Legal Elective	Legal Elective

College of Arts and Sciences Minors

Purpose

A minor is a coherent program of study which enables an undergraduate degree-seeking student to develop expertise in a second area of study. It may be interdisciplinary. A student must complete a "Change of Major" form to indicate his/her intent to pursue a minor. Students may transfer between 6 and 12 credit hours from another institution. Thus, between 9 and 15 credit hours, depending upon the specific minor, must be taken at Wilmington University in order for the student to be credited with a minor. Upon successful completion of the requirements, a notation is placed on the official transcript.

The College of Arts and Sciences has minors in math, science, literature, history, army and air force military studies, and political science. The minors range from 15 to 21 credits and individual courses may require pre-requisites. Students wishing to pursue a minor in the College of Arts and Sciences should contact the Office of Academic Advising.

Mathematics Minor   (15 credits)

The minor in mathematics is a useful supplement for degrees in business. In the technology-and data-driven 21st century, quantitative literacy and reasoning skills are increasingly important for personal and professional success. The mathematics minor will increase these skills.

MAT 200   Precalculus (3 credits)
MAT 310   Calculus I (3 credits)
MAT 311   Calculus II (3 credits)
MAT 320   Finite Math (3 credits)
MAT 308   Inferential Statistics (3 credits)
OR
MAT 302   Principles of Statistics (3 credits)

Natural Science Minor   (19-20 credits)

The minor in natural science provides students from all majors an opportunity to study the natural sciences as a secondary area interest. A minor in natural science will allow students to focus their free electives in the area of science and is most appropriate for students who have an interest in science or who plan careers in science-based organizations.

SCI 232   Life and Environmental Science with lab (4 credits)
SCI 305   Earth Space Science with lab (4 credits)
SCI 312   Physics with lab (4 credits)
SCI 315   Applied Chemistry with lab (4 credits)
Plus any (1) upper level 3 or 4 credit SCI class

Literature Minor   (18 credits)

The minor in literature provides students the opportunity for further development of their reading comprehension, critical thinking, and writing skills. A literature minor will consist of a survey and evaluation of several literary genres and would be particularly beneficial to those considering graduate school or other professional degrees.

LIT 201   Introduction to Literature (3 credits)
LIT 205   World/Non Western Literature (3 credits)
LIT 332   Major American Writers (3 credits)
LIT 333   African American Writers (3 credits)
LIT 443   Shakespeare's Plays (3 credits)
LIT 445   British Literature (3 credits)

History Minor   (18 credits)

The minor in history is designed to further a student's understanding of how human societies evolve as a result of economic, political, cultural, and natural forces. A deeper understanding of human social development may be helpful to those in the behavioral sciences or business fields.

HIS 204   World History (3 credits)
HIS 316   American History (3 credits)

Plus any four (4) of the following:
HIS 300   World and Regional Geography (3 credits)
HIS 301   Women in History (3 credits)
HIS 317   Military History (3 credits)
HIS 330   The Holocaust (3 credits)
HIS 305   Colonial and Revolutionary America (3 credits)
HIS 310   20th Century America (3 credits)
POL 304   Constitutional Law (3 credits)
POL 321   International Organization and Politics (3 credits)

Army—Military Studies Minor   (19 credits)

The Army Military Studies Minor is available to ROTC students only. To be eligible for the Army ROTC program, students must be enrolled full-time in an existing Wilmington University bachelor's degree program. The Military Studies minor provides students who are enrolled in the ROTC program the added benefit of receiving academic recognition of their accomplishment. All classes are offered off site in New Castle County. Interested students should meet with an Academic Advisor.

MLS 105   Introduction to Leadership I (1 credit)
MLS 106   Introduction to Leadership II (1 credit)
MLS 205   Basic Leadership I (1 credit)
MLS 206   Basic Leadership II (1 credit)
MLS 305   Applied Leadership I (2 credits)
MLS 306   Applied Leadership II (2 credits)
MLS 315   Leader Evaluation (4 credits)
MLS 365   Military History Studies (3 credits)

MLS   405   Advanced Leadership (2 credits)

MLS   406   Advanced Leadership II (2 credits)

Air Force—Military Studies Minor   (16 credits)

Any student may take courses in the Air Force Military Science Minor; however, to be eligible for the Air Force ROTC program, students must be enrolled full-time in an existing Wilmington University bachelor's degree program. The Military Studies minor provides students who complete this series of courses the benefit of receiving academic recognition of their accomplishment. All classes are offered off site in New Castle County. Interested students should meet with an Academic Advisor.

AFS   110   Foundations of the USAF I (1 credit)

AFS   111   Foundations of the USAF II (1 credit)

AFS   150   Leadership Lab for Freshmen I (0 credits)

AFS   151   Leadership Lab for Freshmen II (0 credits)

AFS   210   Evolution of U. S. Air/Space Power I (1 credit)

AFS   211   Evolution of U. S. Air/Space Power II (1 credit)

AFS   250   Leadership Lab for Sophomores I (0 credits)

AFS   251   Leadership Lab for Sophomores II (0 credits)

AFS   310   Leadership Studies I (3 credits)

AFS   311   Leadership Studies II (3 credits)

AFS   350   Leadership Lab for Juniors I (0 credits)

AFS   351   Leadership Lab for Juniors II (0 credits)

AFS   410   National Security Affairs Society I (3 credits)

AFS   411   National Security Affairs Society II (3 credits0

AFS   450   Leadership Lab for Seniors I (0 credits)

AFS   451   Leadership Lab for Seniors II (0 credits)

Political Science Minor   (16 credits)

A minor in Political Science provides students, from any major, an opportunity to learn about the political world around them. Such knowledge can be a tremendous asset in the real world whether it is used simply to be a better citizen, such as being informed on the issues to evaluate political candidates, or to further a professional matter, such as knowledge on how to get a bill passed. A political science minor would be a perfect complement to many degree programs.

POL   300   American Politics (3 credits)

POL   304   Constitutional Law and Procedures (3 credits)

LES   205   State and Local Government (3 credits)

POL   315   Comparative Government and Politics (3 credits)

POL   321   International Organization and Politics (3 credits)

Students also choose one (1) of the following two courses:

POL   326   Public Policy and Social Issues (3 credits)

POL   331   Foreign Policy and Social Issues (3 credits)

Certificate in Legal Studies

Purpose

The Wilmington University Legal Studies Certificate allows students to concentrate their studies in the specific content areas relevant to the profession. It is designed to provide the education needed to begin a paralegal career working under the supervision of an attorney or advance an existing career in related fields. Because certificate programs are valued by those in the legal field, it is perfect for those who want to enhance their marketability, make a career change, or simply expand their career options.

Program of Study

Certificate programs come in a variety of models. Wilmington University has elected to offer the program as a post-baccalaureate program because a four-year degree combined with a certificate offers students the greatest salary potential[1]. The certificate program was designed by paralegals and attorneys to concentrate exclusively on the skills and knowledge needed by working professionals. The program includes a core curriculum of eight classes (24 credits) but can be tailored to the individual student through the selection of two substantive courses. Students actively pursuing a bachelor's degree at Wilmington University will be permitted to enroll in the Certificate program, but will not receive a certificate until the completion of the degree program.

[1]Source: Delaware Paralegal Association, *2005 Salary and Benefits Survey Results*

Certificate Competencies

In addition to demonstrating college level proficiency in the Wilmington University undergraduate competencies outlined in this catalog, Legal Studies graduates will also be able to:

1. Access, use and evaluate information effectively and appropriately, and use technology to effectively locate and communicate information.

2. Apply legal and ethical principles to guide professional behaviors and decision-making.

3. Demonstrate proficiency in using computers and telecommunication technology.

General Requirements

Each prospective student must submit the following:

1. An undergraduate application for admission.

2. An official transcript showing completion of a bachelor's degree.

3. No more than two courses (6 credits) may be transferred into this certificate program.

Minimum Grade Policy

The Legal Studies program has set a minimum passing grade of "C" for LES 120, 200, 314, 316, and 320 (designated with an asterisk). Students receiving a grade lower than "C" in any of these courses must retake that course.

Curriculum

LES	120	Introduction to Legal Studies*
LES	200	Legal Ethics*
LES	314	Legal Research*
LES	316	Legal Writing*
LES	320	Law Office Technology*
LES	403	Civil Practice

Select two courses from the following:

LES	317	Contracts
LES	330	Cyberlaw
LES	331	Electronic Discovery
LES	402	Business Organizations
LES	404	Criminal Law
LES	405	Delaware Practice
LES	406	Family Law
LES	408	Employment Law
LES	409	Bankruptcy
LES	410	Real Estate
LES	411	Estates, Trusts and Probate
LES	416	Environmental Law
LES	417	Intellectual Property
LES	420	Personal Injury and Malpractice
LES	490	Internship

Total credits for the Legal Studies Certificate – 24

College of Business Vision

Create a diverse community of learners who are knowledgeable, ethical, adaptable, successful, and confident in their lives and chosen careers.

Mission Integration Statement

The College of Business is committed to excellence in teaching, relevancy of the curriculum, and individual attention to undergraduate and graduate business students. We believe that a student is best served by learning strong conceptual frameworks that can be adapted to the ever-changing global environment. Our goal is to produce graduates who understand the requirements of their chosen careers, have the skills needed for productive action, and the ethics and values to work for the common good. We value interpersonal, qualitative and quantitative skills, recognizing that all are necessities for success. A diverse faculty and student body are the essence of our mission and an implicit acknowledgement that vision and creativity are enhanced when we value differences. The College of Business is eager to serve the needs of all organizations, including for-profit, not-for-profit, and government. We regard our students and our practitioner-based faculty as members of a learning community who recognize the granting of a degree is only a milestone in the continuing need for education.

Accreditation

The College of Business is an institutional member of and fully accredited by the International Assembly for Collegiate Business Education (IACBE).

Sigma Beta Delta

Sigma Beta Delta, the International Honor Society in Business, Management, and Administration, honors students who have attained superior records in business programs in schools and colleges with regional accreditation. Candidates for bachelor's and master's degrees who rank in the upper 20% of their class at the time of invitation to membership may be inducted into membership following completion of at least one-half of the degree program in which they are enrolled; at least 15 credits at Wilmington University are required for induction. Doctoral students who have advanced to candidacy may be invited to membership.

Sigma Beta Delta is founded on the principles of wisdom, honor, and the pursuit of meaningful aspirations. The society recognizes these qualities as being important to success in the academic realm as they provide guidelines which will lead to a fulfilling personal and professional life.

College of Business Policies

Major Field Examination

Business students are required to complete a major field assessment during their capstone course, BBM 402, Strategic Management. This examination assesses the basic knowledge and understanding gained in the core undergraduate business curriculum. Results of the major field assessment are a factor in determining the student's BBM 402 course grade.

Prior Learning Assessment (PLA)

Some entering students have acquired significant experience in the business world that might provide the basis for granting them credit for specific courses by means of testing or individual assessment of their prior learning. Testing is the preferred manner of evaluating a student's prior learning, when it is available. The procedure for applying for a PLA for business courses is as follows:

1. If a DANTES or CLEP test is available for the requested course, the student must take the test and receive a passing grade. There are no Wilmington University limits to the number of times a student can take the test. No PLA will be permitted.

2. If there is no test available through DANTES or CLEP, the course may be eligible for a PLA. For certain specific courses, a PLA may not be possible.

3. Students should contact their academic advisor regarding tests availability and whether alternatives such as portfolio submission (PLA) are possible for specific courses. Where a PLA is possible, final discretion is up to the appropriate Program Coordinator.

Business Course Prerequisites

Students are strongly advised to be aware of the prerequisites required of each course they plan to take and to be sure that they have fulfilled these prerequisites before enrolling in a course. Academic Advising is eager to help students plan their programs.

Minimum Grade Policy

The College of Business programs require a minimum grade of "C" for *program* core courses. Students receiving a grade lower than "C" in any required *program* core course must retake that course. Individual programs may impose additional requirements. Please see the program descriptions below.

Accounting

BACHELOR OF SCIENCE

Program Purpose

The Bachelor of Science degree program in Accounting is designed to prepare students for entry into careers in public, private, or governmental accounting. The curriculum will provide basic accounting theory with an emphasis on developing analytical skills and technological competency. Experienced certified public accountants and other professionals in the field will address both theoretical and practical issues to enhance employment opportunities in today's accounting environment.

Program of Study

Course offerings emphasize skills and competencies that will be needed in actual business situations. Students also have the opportunity to pursue internships related to the operating practices and policies of actual accounting organizations. In addition, the General Education Requirements courses, required of all Wilmington University undergraduates, provide a well-rounded academic foundation.

Wilmington University students benefit from the experience of certified public accountants and other professionals employed in local businesses and governmental agencies. Whether the topic is managerial, financial, or tax accounting, the information shared by professionals actively involved in the accounting field is invaluable to an understanding of practical issues and problems. The classroom atmosphere is generally informal, and student participation is always encouraged. Furthermore, faculty members consider it important to know each of their students, and individual attention is readily available.

Program Competencies

In addition to achieving the Wilmington University undergraduate graduation competencies given in the *Academic Information and Procedures* section of this catalog, through the completion of the Bachelor of Science degree in Accounting, graduates will be able to:

1. Demonstrate effective information literacy and communication with valid and reliable research.

2. Employ the ethical principles required in the accounting profession.

3. Prepare a complete financial statement package presented in a professional format in conformity with generally accepted accounting principles.

4. Complete a consolidation worksheet to prepare a consolidated balance sheet, including elimination of intercorporate investments as of the date of acquisition.

Minimum Grade Policy

Students pursuing a degree in Accounting are required by College of Business policy to attain a minimum grade of "C" for "all program core courses". For the purpose of this policy, "program core courses" are all accounting courses. These courses are designated by the prefix "BAC" and are identified by "*" in the lists below.

CURRICULUM

General Education Requirements (39 credits)

BCS	206	Computer Applications for Business
ECO	101	Economics I
ENG	101	English Composition I
ENG	102	English Composition II
ENG	111	Advanced Communication Skills
HUM	360	Human World Views: 3500 BCE–1650 AD
HUM	361	Human World Views: 1650 AD–Present
MAT	101	College Math I

Humanities Electives (6 credits)

Choose two courses from the following:
ART, DRA, HUM, LIT, MUS, PHI, Foreign Language, COM 245, COM 322, DSN 110, ENG 360, ENG 365, HIS 230

Natural Science Elective (3 credits)

Social Science Elective (6 credits)

Select two courses from the following:

PSY	101	Introduction to Psychology
SOC	101	Introduction to Sociology
History/Political Science Elective		

Business Core (33 credits)

BAC	101	Accounting I*
BAC	102	Accounting II*
BBM	201	Principles of Management
BBM	301	Organizational Behavior
BBM	320	Business Communications
BBM	402	Strategic Management
BMK	305	Marketing
FIN	305	Financial Management
MAT	102	College Math II
MAT	308	Inferential Statistics

Choose one of the following:

| BBM | 411 | Operations and Systems Management |
| HRM | 311 | Human Resource Management |

Accounting Program Core (39 credits)

The College of Business programs require a minimum grade of "C" for *program* core courses. Accounting majors receiving a grade lower than "C" in any BAC course (including BAC 101 and 102) must retake that course.

BAC	201	Intermediate Accounting I*
BAC	202	Intermediate Accounting II*
BAC	301	Cost Accounting I*
BAC	302	Cost Accounting II*
BAC	321	Tax Accounting I*
BAC	322	Tax Accounting II*
BAC	401	Advanced Accounting I*
BAC	402	Advanced Accounting II*
BAC	423	Auditing*
BAC	435	Accounting Information Systems (AIS)*
BBM	319	Business Ethics
BLA	305	Business Law for Accounting and Finance Majors
ECO	102	Economics II

Free Electives (9 credits)

Freshman

1st Semester	2nd Semester
BAC 101	BAC 102
BCS 206	BBM 201
ENG 101	ENG 102
MAT 101	MAT 102
Free Elective	Social Science Elective

Sophomore

1st Semester	2nd Semester
BAC 201	BAC 202
ECO 101	BBM 301
ENG 111	BMK 305
MAT 308	ECO 102
Natural Science Elective	Social Science Elective

Junior

1st Semester	2nd Semester
BAC 301	BAC 302
BAC 321	BAC 322
BBM 411 OR HRM 311	BBM 319
BLA 305	BBM 320
HUM 360	HUM 361

Senior

1st Semester	2nd Semester
BAC 401	BAC 402
BAC 423	BAC 435
FIN 305	BBM 402
Free Elective	Free Elective
Humanities Elective	Humanities Elective

Accounting and Finance
(Integrated Degree)

Bachelor of Science

Purpose

The Bachelor of Science degree program in Accounting and Finance is designed to provide students with a unique blend of insights into financial information. Accountants and finance professionals often view the same data from different vantage points and with different goals. This often leads to a lack of communication between these two sets of professionals within the same organization. Conflicts between preparation and usefulness can arise and while neither side is wrong, a more careful understanding of the other's position will lead to better information being provided to the decision makers of the organization. This program integrates both disciplines with a carefully selected flow of courses that enables the student to interrelate the information provided to make both tactical and strategic decisions. The program provides a competitive advantage for students pursuing careers in either accounting or finance.

Program of Study

This program in the area of accounting and finance gives the student flexibility in both course offerings and career choices. The program of study provides a firm foundation in both accounting and finance. It differs from the University's traditional accounting or finance programs in two ways. It does not require the student to complete courses in advanced accounting (typically required for those pursuing the CPA); however, it provides the option to integrate those courses easily into the program. Similarly, FIN 301, Personal Finance is not required in this program as the emphasis is more in the organizational arena; however, by using a free elective, the student can easily fit this course into her or his course of study.

Program Competencies

In addition to achieving the Wilmington University undergraduate graduation competencies given in the *Academic Information and Procedures* section of this catalog, graduating students will:

1. Demonstrate effective information literacy and communication with valid and reliable research.

2. By analysis apply ethical standards as required by accounting and finance professionals.

3. Prepare a complete financial statement package presented in a professional format in conformity with generally accepted accounting principles (GAAP).

4. Complete a consolidation worksheet to prepare a consolidated balance sheet, including elimination of inter-corporate investments as of the date of acquisition.

5. Integrate financial terms, concepts and theories affecting corporations, brokerage firms, insurance companies and financial institutions (banks, credit unions, pension funds, etc.).

Minimum Grade Policy

Students pursuing a degree in Accounting and Finance are required by College of Business policy to attain a minimum grade of "C" for "all *program* core courses". For the purpose of this policy "*program* core courses" are all accounting courses and finance courses. These courses are designated by the prefix "BAC" and "FIN" and are identified by "*" in the lists below.

Curriculum

General Education Requirements		(39 credits)
BCS	206	Computer Applications for Business
ECO	101	Economics I
ECO	102	Economics II
ENG	101	English Composition I
ENG	102	English Composition II
ENG	111	Advanced Communication Skills
HUM	360	Human World Views: 3500 BCE – 1650 AD
HUM	361	Human World Views: 1650 AD – Present
MAT	101	College Math I

Humanities Electives (6 credits)

Natural Science Elective (3 credits)

Social Science Elective (3 credits)

Select one courses from the following:
PSY	101	Introduction to Psychology
SOC	101	Introduction to Sociology

History/Political Science Elective

Business Core		(33 credits)
BAC	101	Accounting I*
BAC	102	Accounting II* (prerequisite: BAC 101)
BBM	201	Principles of Management
BBM	301	Organizational Behavior
BBM	320	Business Communications
BBM	402	Strategic Management
BMK	305	Marketing

FIN	305	Financial Management*
MAT	102	College Math II
MAT	308	Inferential Statistics

Choose one of the following:
BBM	411	Operations and Systems Management
HRM	311	Human Resource Management

Accounting and Finance Program Core   (42 credits)

The College of Business programs require a minimum grade of "C" for *program* core courses. Accounting and Finance majors receiving a grade lower than "C" in any BAC course (including BAC 101 and 102) or FIN course (including FIN 305) must retake that course.

BAC	201	Intermediate Accounting I*
BAC	202	Intermediate Accounting II*
BAC	301	Cost Accounting I*
BAC	302	Cost Accounting II*
BAC	321	Tax Accounting I*
BAC	322	Tax Accounting II*
BBM	319	Business Ethics
BLA	305	Business Law for Accounting and Finance Majors
FIN	306	Corporate Finance*
FIN	410	Financial Statement Analysis*

Choose one of the following two courses:
FIN	308	Financial Economics and Instruments*
FIN	309	Introduction to Global Derivatives*

Choose two of the following four courses:
BAC	423	Auditing*
FIN	302	Financial Planning*
FIN	411	Investments and Security Analysis*
FIN	412	Financial Institution Management*

Choose one of the following two courses:
BAC	435	Accounting Information Systems*
MIS	320	Management Information Systems

Free Electives (6 credits)

Freshman

1st Semester	2nd Semester
BAC 101	BAC 102
BCS 206	BBM 201
ENG 101	ENG 102
MAT 101	MAT 102
Humanities Elective	Social Science Elective

Sophomore

1st Semester	2nd Semester
BAC 201	BAC 202
ECO 101	BBM 301
ENG 111	BMK 305
FIN 305	ECO 102
MAT 308	FIN 306

Junior

1st Semester	2nd Semester
BAC 301	BAC 302
BAC 321	BAC 322
BLA 305	BBM 319
FIN 308 or 309	BBM 320
HUM 360	HUM 361

Senior

1st Semester	2nd Semester
FIN 410	BBM 402
Humanities Elective	Science Elective

Choose one of the following:

FIN 411 or FIN 412	BBM 411 or HRM 311

Choose one of the following:

BAC 423 or FIN 302*	BAC 435 or MIS 320
Free Elective**	Free Elective**

* Students concentrating in Accounting should choose Auditing.

** Students concentrating in Accounting should enroll in Advanced Accounting I and II.

Business Management

Bachelor of Science

Purpose

The Bachelor of Science degree program in Business Management provides courses and business-related in-class experiences for students who intend to pursue careers in business management or apply to graduate school.

Program of Study

Course offerings emphasize rigorous analysis of the concepts and principles that are basic to an understanding of the management field. Course work relates theories and ideas to the operating practices and policies of business organizations. These courses provide a unique opportunity for students to explore the workings of management. As supplemental activities to the traditional classroom format, "hands on" classroom experiences provide an awareness of what really happens in the business world—awareness not easily obtained through conventional lecture methods. In addition, the general education requirements provide a well-rounded academic foundation.

Program Competencies

In addition to achieving the Wilmington University undergraduate graduation competencies given in the *Academic Information and Procedures* section of this catalog, each graduating student will be able to:

1. Demonstrate effective information literacy and communication with valid and reliable research.

2. Apply ethical standards as required by business management professionals.

3. Demonstrate effective oral and written communications utilized within various areas of the business environment.

4. Identify and analyze factors critical to business with respect to strategic planning, including human resource management, operations management and globalization.

Curriculum

General Education Requirements (39 credits)

BCS	206	Computer Applications for Business
ECO	101	Economics I
ENG	101	English Composition I
ENG	102	English Composition II
ENG	111	Advanced Communication Skills
HUM	360	Human World Views: 3500 BCE–1650 AD
HUM	361	Human World Views: 1650 AD–Present
MAT	101	College Math I

Humanities Electives (6 credits)

Choose two courses from the following:
ART, DRA, HUM, LIT, MUS, PHI, Foreign Language, COM 245, COM 322, DSN 110, ENG 360, ENG 365, HIS 230

Natural Science Elective (3 credits)

Social Science Elective (6 credits)

Select two courses from the following:

PSY	101	Introduction to Psychology
SOC	101	Introduction to Sociology

History/Political Science Elective

Business Core (33 credits)

BAC	101	Accounting I
BAC	102	Accounting II
BBM	201	Principles of Management
BBM	301	Organizational Behavior
BBM	320	Business Communications
BBM	402	Strategic Management
BMK	305	Marketing
FIN	305	Financial Management
MAT	102	College Math II
MAT	301	Principles of Statistics I
MIS	320	Management Information Systems

Business Management Program Core (27 credits)

The College of Business programs require a minimum grade of "C" for *program* core courses. Students receiving a grade lower than "C" in any required *program* core course must retake that course.

BBM	315	Supervisory Management
BBM	370	Global Business Management
BBM	411	Operations and Systems Management
BLA	303	Legal and Ethical Environment of Business
ECO	102	Economics II
FIN	306	Corporate Finance
HRM	310	Organizational Development
HRM	311	Human Resource Management
MAT	302	Principles of Statistics II

Business Electives (9 credits)

Free Electives (12 credits)

Suggested Program Sequence

Freshman

1st Semester	2nd Semester
BCS 206	BBM 201
ENG 101	ECO 101
MAT 101	ENG 102
Free Elective	Humanities Elective
Social Science Elective	Natural Science Elective

Sophomore

1st Semester	2nd Semester
BAC 101	BAC 102
BMK 305	BBM 301
ENG 111	ECO 102
MAT 102	Social Science Elective
Business Elective	Humanities Elective

Junior

1st Semester	2nd Semester
BLA 303	HUM 361
FIN 305	HRM 311
HUM 360	BBM 320
MAT 301	MAT 302
Business Elective	FIN 306

Senior

1st Semester	2nd Semester
BBM 411	BBM 315
HRM 310	BBM 370
Business Elective	BBM 402
Free Elective	MIS 320
Free Elective	Free Elective

Professional Aeronautics Track

Purpose

The Bachelor of Science degree program in Professional Aeronautics offers students with professional or military aviation backgrounds the opportunity to earn college credit for their experience. The program includes practical and theoretical training in the fields of business and aviation management, giving the student the necessary knowledge and skills to compete successfully in the aviation industry.

Program of Study

The program is offered at the New Castle and Dover Air Force Base sites of Wilmington University; however, the four aviation core courses are only offered at the Dover Air Force Base site. To qualify for the program, prospective or incoming students must be able to transfer in at least 18 aviation technology credits. These are credits awarded for FAA certifications/licenses (pilot, A&P, etc) or for documented military experience and technical training (as evidenced on a military transcript). Examples of qualifying military career fields include: aircraft maintenance, air traffic control, loadmaster, flight engineer, and meteorologist. In addition, the general education requirements provide a well-rounded academic foundation.

Program Competencies

In addition to achieving the Wilmington University undergraduate graduation competencies given in the *Academic Information and Procedures* section of this catalog, and the Business Management competencies, students will be able to:

1. Apply critical thinking skills to analyze how competition, safety and the government affect the aviation industry.

2. Synthesize effective information from Business Management courses and Aviation Management courses.

Curriculum

General Education Requirements   (39 credits)

BCS	206	Computer Applications for Business
ECO	105	Fundamentals of Economics
ENG	101	English Composition I
ENG	102	English Composition II
ENG	111	Advanced Communication Skills
HIS	303	History of Aviation
HUM	360	Human World Views: 3500 BCE–1650 AD
HUM	361	Human World Views: 1650 AD–Present
MAT	101	College Math I

Humanities Electives   (6 credits)

Choose a course from the following:
ART, DRA, HUM, LIT, MUS, PHI, Foreign Language, COM 245, COM 322, DSN 110, ENG 360, ENG 365, HIS 230

Natural Science Elective   (3 credits)

Social Science Elective   (3 credits)

Select a course from the following:

PSY	101	Introduction to Psychology
SOC	101	Introduction to Sociology

Business Core   (27 credits)

BAC	101	Accounting I
BAC	102	Accounting II
BBM	201	Principles of Management
BBM	320	Business Communications
BBM	402	Strategic Management
BMK	305	Marketing
FIN	305	Financial Management
MAT	102	College Math II
MAT	301	Principles of Statistics I

Aviation Program Core   (21 credits)

The College of Business programs require a minimum grade of "C" for program core courses. Students receiving a grade lower than "C" in any required program core course must retake that course.

BAM	302	Aviation Safety
BAM	410	Government and Aviation
BAM	411	Airport Management
BAM	412	Airline Management
BLA	303	Legal and Ethical Environment of Business
MAT	302	Principles of Statistics II
MIS	320	Management Information Systems

Concentration

A concentration requires 18-33 transfer credits in aviation technology for documented experience or technical training/certification. (The exact number of credits awarded will vary with the student's background). Students must have a minimum of 18 aviation technology transfer credits that cannot substitute for any of the courses listed above.

Free Electives

Students receiving less than 33 aviation technology credits must take BBM 370. Students receiving less than 30 aviation technology credits must take BBM 370 and also select one of the following: BBM 411 or HRM 311. Any remaining credits need to fill in the 33-credit hour requirement.

Transferred credits

Sophomore

1st Semester	2nd Semester
BCS 206	BAM 302
ECO 105	BBM 201
ENG 101	ENG 102
HIS 303	MIS 320
MAT 101	Social Science Elective

Junior

1st Semester	2nd Semester
BAC 101	BLA 303
BAM 411	BBM 320
ENG 111	BMK 305
MAT 301	MAT 302
Humanities Elective	Humanities Elective

Senior

1st Semester	2nd Semester
BAC 102	BAM 412
BAM 410	BBM 402
FIN 305	HUM 361
HRM 311	BBM 370 (if required)
HUM 360	BBM 411 (if required)

Finance

Bachelor of Science

Purpose
The Bachelor of Science degree program in Finance is designed to prepare students for careers in: finance, both at the corporate and small business level; financial planning; stock brokerage firms; and financial institutions. The program focuses on providing the student with both practical and theoretical training in the field of finance.

Program of Study
Course offerings focus on skills and competencies that enhance students' knowledge of finance. The program provides a balanced array of course work in finance at the junior and senior levels. Students also have opportunities to pursue internships in various areas of finance. In addition, the general education requirements provide a well-rounded academic foundation.

Wilmington University students benefit from the training and experience of finance professionals who serve as faculty. The classroom atmosphere is conducive to information sharing, creative thinking, and the exploration of areas of personal interest.

Program Competencies
In addition to achieving the Wilmington University undergraduate graduation competencies given in the *Academic Information and Procedures* section of this catalog, this program will provide students a comprehensive curriculum in financial studies (both domestic and international) that includes the theories, principles, and applications of modern financial management.

Graduating students will:

1. Demonstrate effective information literacy and communication with valid and reliable research.

2. Apply ethical standards as required by finance professionals.

3. Integrate financial terms, concepts and theories affecting corporations, brokerage firms, insurance companies and financial institutions (banks, credit unions, pension funds, etc.).

4. Exercise critical thinking skills in the analysis and evaluation of financial information in order to formulate appropriate decisions and recommendations.

Minimum Grade Policy

Students pursuing a degree in Finance are required by College of Business policy to attain a minimum grade of "C" for all "*program* core courses". For the purpose of this policy, "*program* core courses" are all finance courses. These courses are designated by the prefix "FIN" and are identified by "*" in the lists below.

Curriculum

General Education Requirements (39 credits)

BCS	206	Computer Applications for Business
ECO	101	Economics I
ENG	101	English Composition I
ENG	102	English Composition II
ENG	111	Advanced Communication Skills
HUM	360	Human World Views: 3500 BCE–1650 AD
HUM	361	Human World Views: 1650 AD–Present
MAT	101	College Math I

Humanities Electives (6 credits)

Choose two courses from the following:
ART, DRA, HUM, LIT, MUS, PHI, Foreign Language, COM 245, COM 322, DSN 110, ENG 360, ENG 365, HIS 230

Natural Science Elective (3 credits)

Social Science Elective (6 credits)

Select two courses from the following:

PSY	101	Introduction to Psychology
SOC	101	Introduction to Sociology

History/Political Science Elective

Business Core (33 credits)

BAC	101	Accounting I
BAC	102	Accounting II
BBM	201	Principles of Management
BBM	301	Organizational Behavior
BBM	320	Business Communications
BBM	402	Strategic Management
BMK	305	Marketing
FIN	305	Financial Management*
MAT	102	College Math II
MAT	308	Inferential Statistics

Choose one of the following:

BBM	411	Operations and Systems Management
HRM	311	Human Resource Management

Finance Program Core (30 credits)

The College of Business programs require a minimum grade of "C" for program core courses. Finance majors receiving a grade lower than "C" in any FIN course (including FIN 305) must retake that course.

BBM	319	Business Ethics
BLA	305	Business Law for Accounting and Finance Majors
ECO	102	Economics II
FIN	301	Personal Finance*
FIN	302	Financial Planning*
FIN	306	Corporate Finance*
FIN	410	Financial Reporting and Analysis*
MIS	320	Management Information Systems

Select one of the following:

FIN	308	Financial Economics and Instruments*
FIN	309	Introduction to Global Derivatives*

Select one of the following:

FIN	411	Investment and Security Analysis*
FIN	412	Financial Institution Management*

Please note: Upper Level finance (FIN) courses are not offered every semester. Students should plan ahead by completing all pre-requisites as soon as possible in order to take the junior and senior level finance courses when they are offered.)

Business Electives (6 credits)

Suggested:

BAC	201	Intermediate Accounting I
BAC	301	Cost Accounting I

Free Electives (12 credits)

Freshman

1st Semester	2nd Semester
BCS 206	ECO 102
ECO 101	ENG 102
ENG 101	MAT 102
MAT 101	Natural Science Elective
Humanities Elective	Social Science Elective

Sophomore

1st Semester	2nd Semester
BAC 101	BAC 102
BBM 201	BMK 305
ENG 111	FIN 302
FIN 301	Business Elective
MAT 308	Social Science Elective

Junior

1st Semester	2nd Semester
BBM 320	HUM 361
FIN 305	BLA 305
HUM 360	FIN 306
MIS 320	FIN 308 or FIN 309
Business Elective	Humanities Elective

Senior

1st Semester	2nd Semester
BBM 301	BBM 319
BBM 411 or HRM 311	BBM 402
FIN 410	FIN 411 or FIN 412
Free Elective	Free Elective
Free Elective	Free Elective

Finance

Bachelor of Science

Concentration: Environmental Policy

Purpose

The goal of this concentration is to anticipate the future needs of finance professionals as the business world is compelled to consider the operational aspects of environmental concerns. As the country emerges from the current recession and political and societal concerns turn once again to matters affecting the world's climate, one can anticipate challenges to current business models. The finance professionals of this future will be well served if they understand the interrelated issues of basic environmental science, business/financial concerns and political reality. This concentration, which Is proactive rather than reactive in terms of demand, attempts to interrelate these three issues; science, business, and politics, so that the graduate is provided with a broad, real-world, perspective which may well be of concern to future employers.

Program of Study

This concentration contains all courses of the traditional finance degree and adds 5 courses (15 credits) for the concentration, utilizing elective credits for the required concentration-specific courses. The concentration comprises two finance courses, two public policy courses, and an economics course. Additionally, SCI 310, Environmental Science is required for the program (it replaces the science elective) and POL 300, American Politics is also required (it replaces one of the two humanities electives). Students wishing to pursue this concentration should pay careful attention to the sequence of courses and the prerequisites required - especially for ECO 450 and FIN 470.

Program Competencies

In addition to the competencies outlined In the Finance Degree area of the current University catalog, the following, concentration specific, competencies will apply under the heading: Disciplined Inquiry:

1. Analyze, from a multi-disciplinary perspective, issues affecting business decisions within an environmental sustainability context.

2. Evaluate competing sustainability options from a financial perspective.

Minimum Grade Policy

Students pursuing a degree in Finance are required by College of Business policy to attain a minimum grade of "C" for all "*program* core courses". For the purpose of this policy, "*program* core courses" are all finance courses. These courses are designated by the prefix "FIN" and are identified by "*" in the lists below.

Curriculum

Bachelor of Science with a Concentration in Environmental Policy (# indicates change from basic Finance Degree)

General Education Requirements   (24 credits)

BCS	206	Computer Applications for Business
ECO	101	Economics I
ENG	101	English Composition I
ENG	102	English Composition II
ENG	111	Advanced Communication Skills
HUM	360	Human World Views: 3500 BCE–1650 AD
HUM	361	Human World Views: 1650 AD–Present
MAT	101	College Math I

 # Social Science Requirements   (3 Credits)
POL 300 American Politics (Required Social Science Elective)

Natural Science Requirements   (3 Credits)
SCI 310 Environmental Science (Required Science Elective)

Humanities Electives   (6 credits)

Choose two courses from the following:
ART, DRA, HUM, MUS, PHI, Foreign Language, COM 245, COM 322, DSN 110, ENG 360, ENG 365, HIS 230

Social Science Electives   (3 credits)

Choose one course from the following:
PSY 101, SOC 101, History

(Social Science reduced from 6 credits due to required POL 300)

Business Core   (33 credits)

BAC	101	Accounting I
BAC	102	Accounting II
BBM	201	Principles of Management
BBM	301	Organizational Behavior
BBM	320	Business Communications
BBM	402	Strategic Management
BMK	305	Marketing
FIN	305	Financial Management*
MAT	102	College Math II
MAT	308	Inferential Statistics

Choose one of the following:

BBM	411	Operations and Systems Management
HRM	311	Human Resource Management

Finance Program Core   (30 credits)
The College of Business programs require a minimum grade of "C" for program core courses. Finance majors receiving a grade lower than "C" in any FIN course (including FIN 305) must retake that course.

BBM	319	Business Ethics
BLA	305	Business Law for Accounting and Finance Majors
ECO	102	Economics II
FIN	301	Personal Finance*
FIN	302	Financial Planning*
FIN	306	Corporate Finance*
FIN	308	Financial Economics and Instruments*
FIN	410	Financial Reporting and Analysis*
MIS	320	Management Information Systems

Select one of the following:

FIN	411	Investment and Security Analysis*
FIN	412	Financial Institution Management*

Please note: Upper Level finance (FIN) courses are not offered every semester. Students should plan ahead by completing all pre-requisites as soon as possible in order to take the junior and senior level finance courses when they are offered.

 # Environment Policy Concentration   (15 credits)

ECO	450	Environmental Economics
FIN	309	Introduction to Global Derivatives*
FIN	470	Environmental Finance*
POL	326	Public Policy and Social Issues
POL	370	Energy and Environmental Policy

Free Electives   (3 credits)

Total credits required for the degree: 120

Freshman

1st Semester	2nd Semester
ENG 101	ENG 102
MAT 101	MAT 102
BAC 101	BAC 102
BCS 206	BBM 201
Social Science Elective	Humanities Elective

Sophomore

1st Semester	2nd Semester
ECO 101	ECO 102
ENG 111	BMK 305
FIN 301	FIN 302
MAT 308	SCI 310
BLA 305	POL 300

Junior

1st Semester	2nd Semester
FIN 305	FIN 306
BBM 320	BBM 319
MIS 320	FIN 308
HUM 360	HUM 361
POL 326	POL 370

Senior

1st Semester	2nd Semester
FIN 309	FIN 411 or FIN 412
FIN 410	FIN 470
BBM 301	BBM 411 or HRM 311
ECO 450	BBM 402
Humanities Elective	Free Elective

Human Resource Management

Bachelor of Science

Effective Spring 2009, the Society for Human Resource Management (SHRM) confirmed that our HRM degree program is in full alignment with the SHRM HR Curriculum guidelines. Our program meets the core HR topics, as well as, elective HR topics determined by the SHRM that ensures Universities are offering curricula that prepares HR professionals in the workplace.

Purpose

The objective of the Bachelor of Science degree program in Human Resource Management is to allow students to develop skills that will enable them to gain entry into the field of human resource management. The program includes a general overview of human resource planning, staffing, compensation and benefits, employee/labor relations, and training and development.

Program of Study

The Human Resource Management program combines a significant business management component with an emphasis on developing strong human resource, managerial, and organizational knowledge, skills, and abilities. In addition, students will explore behavioral approaches to deal with organizational and managerial situations. The general education requirements provide a well-rounded academic foundation for the human resources management degree program.

Program Competencies

In addition to achieving the Wilmington University undergraduate graduation competencies given in the *Academic Information and Procedures* section of this catalog, graduating students will be able to:

1. Demonstrate effective information literacy and communication skills with valid and reliable research.

2. Apply ethical standards as required by human resource management professionals.

3. Synthesize and apply knowledge of various human resource management issues critically and creatively.

4. Effectively use technology in the field of human resource management to solve basic, as well as, critical issues and problems.

Curriculum

General Education Requirements (39 credits)

BCS	206	Computer Applications for Business
ECO	105	Fundamentals of Economics
ENG	101	English Composition I
ENG	102	English Composition II
ENG	111	Advanced Communication Skills
HUM	360	Human World Views: 3500 BCE–1650 AD
HUM	361	Human World Views: 1650 AD–Present
MAT	101	College Math I

Humanities Electives (6 credits)

Choose two courses from the following:
ART, DRA, HUM, LIT, MUS, PHI, Foreign Language, COM 245, COM 322, DSN 110, ENG 360, ENG 365, HIS 230

Natural Science Elective (3 credits)

Social Science Electives (6 credits)

Select two courses from the following:

PSY	101	Introduction to Psychology
SOC	101	Introduction to Sociology

History/Political Science Elective

Business Core (33 credits)

BAC	101	Accounting I
BAC	102	Accounting II
BBM	201	Principles of Management
BBM	301	Organizational Behavior
BBM	320	Business Communications
BBM	402	Strategic Management
BBM	411	Operations and Systems Management
BMK	305	Marketing
FIN	305	Financial Management
MAT	102	College Math II
MAT	308	Inferential Statistics

Human Resource Program
Management Core (33 credits)

The College of Business programs require a minimum grade of "C" for *program* core courses. Students receiving a grade lower than "C" in any required *program* core course must retake that course.

BLA	303	Legal and Ethical Environment of Business
HRM	300	Labor Relations and Collective Bargaining
HRM	305	Staffing Organizations
HRM	310	Organizational Development
HRM	311	Human Resource Management

HRM	312	Computer Applications in Human Resource Mgt
HRM	320	Safety in the Workplace
HRM	350	International Human Resource Management
HRM	400	Legal Aspects of Human Resource Management (prerequisite HRM 311)
HRM	405	Compensation Administration (prerequisite HRM 311)
HRM	410	Training and Development (prerequisite HRM 311)

HRM/BBM Electives (9 credits)

Free Electives (6 credits)

Suggested Program Sequence

Freshman

1st Semester	2nd Semester
BCS 206	ENG 102
ENG 101	BBM 201
MAT 101	ECO 105
Free Elective	MAT 102
Social Science Elective	Natural Science Elective

Sophomore

1st Semester	2nd Semester
BAC 101	BAC 102
BBM 301	BLA 303
BMK 305	HRM 311
ENG 111	Free Elective
HRM/BBM Elective	Humanities Elective

Junior

1st Semester	2nd Semester
FIN 305	BBM 320
HRM 310	HRM 305
HRM 320	HRM 312
HUM 360	HRM 350
MAT 308	HUM 361

Senior

1st Semester	2nd Semester
HRM 300	BBM 402
HRM 400	BBM 411
HRM 410	HRM 405
HRM/BBM Elective	HRM/BBM Elective
Humanities Elective	Social Science Elective

Marketing

BACHELOR OF SCIENCE

Purpose

The Bachelor of Science degree program in Marketing is designed for students who desire to pursue any of the many careers in the field of marketing. The program includes a general overview of the following areas: consumer, service and business-to-business market planning, product development, consumer behavior, marketing research, integrated marketing communication (i.e., advertising, public relations, sales promotion and selling), physical distribution and global marketing.

Program of Study

The marketing degree program focuses on strategic, as well as tactical, marketing concepts. It integrates product, price, promotion and physical distribution throughout its courses. Offerings stress the use of modern techniques to investigate, analyze, and solve a wide variety of marketing needs within various environmental challenges and opportunities.

Program Competencies

In addition to achieving the Wilmington University undergraduate graduation competencies given in the *Academic Information and Procedures* section of this catalog, upon completion of the program, students will:

1. Demonstrate effective information literacy and communication skills with valid and reliable research.
2. Assess how various environmental and ethical challenges affect the marketing of products and services.
3. Appraise the design, implementation, control, and evaluation functions relating to marketing.
4. Evaluate the important role marketing plays in relation to meeting the strategic objectives of the organization.
5. Use a variety of marketing concepts, theories, and tools on both an individual and team basis.

CURRICULUM

General Education Requirements   (39 credits)

BCS	206	Computer Applications for Business
ECO	101	Economics I
ENG	101	English Composition I
ENG	102	English Composition II
ENG	111	Advanced Communication Skills
HUM	360	Human World Views: 3500 BCE–1650 AD
HUM	361	Human World Views : 1650 AD–Present
MAT	101	College Math I

Humanities Electives   (6 credits)

Choose two courses from the following:
ART, DRA, HUM, LIT, MUS, PHI, Foreign Language, COM 245, COM 322, DSN 110, ENG 360, ENG 365, HIS 230

Natural Science Elective   (3 credits)

Social Science Electives   (6 credits)

Select two courses from the following:

PSY	101	Introduction to Psychology
SOC	101	Introduction to Sociology

History/Political Science Elective

Business Core   (33 credits)

BAC	101	Accounting I
BAC	102	Accounting II
BBM	201	Principles of Management
BBM	301	Organizational Behavior
BBM	320	Business Communications
BBM	402	Strategic Management
BBM	411	*Operations and Systems Management
BMK	305	Marketing
FIN	305	Financial Management
HRM	311	*Human Resource Management
MAT	102	College Math II
MAT	308	Inferential Statistics

* Marketing students may choose either BBM 411 or HRM 311

Marketing Program Core   (21 credits)

The College of Business programs require a minimum grade of "C" for *program* core courses. Students receiving a grade lower than "C" in any required *program* core course must retake that course.

Required Core   (12 credits)

BMK	310	Business to Business Marketing
BMK	320	Consumer Behavior
BMK	321	Marketing Research
BMK	413	Marketing Management

Marketing Electives   (9 credits)

Select from the following:

BMK	221	Principles of Advertising and Public Relations
BMK	300	Design for Marketing
BMK	308	Global Business Management
BMK	311	Sales Force Management
BMK	312	Personal Selling
BMK	333	Services Marketing
BMK	344	Logistics: Physical Distribution
BMK	355	Internet Marketing

BMK 366   Entrepreneurship
BMK 407   Sports Marketing
BMK 460   Current Topics In Marketing
BMK 490   Marketing Internship

Free Electives   **(9 credits)**

Business Electives   **(18 credits)**
(including the following required courses)
BLA   303   Legal and Ethical Environment of Business
ECO   102   Economics II
MIS   320   Management Information Systems

Suggested Program Sequence

Freshman

1st Semester	2nd Semester
BCS 206	BBM 201
ENG 101	ECO 101
MAT 101	ENG 102
Free Elective	Humanities Elective
Social Science Elective*	MAT 102

Sophomore

1st Semester	2nd Semester
BAC 101	BAC 102
BMK 305	ECO 102
ENG 111	Natural Science Elective
HRM 311 or BBM 411	MIS 320
Social Science Elective*	Humanities Elective

***Select two courses from the following:**
PSY 101, SOC 101, and History/Political Science Elective

Junior

1st Semester	2nd Semester
BLA 303	BBM 320
BMK 320	BMK 321
FIN 305	HUM 361
HUM 360	BBM 301
MAT 308	Marketing Elective

Senior

1st Semester	2nd Semester
BMK 310	BBM 402
Free Elective	Business Elective
Free Elective	BMK 413
Business Elective	Business Elective
Marketing Elective	Marketing Elective

Organizational Management

Bachelor of Science

This Fusion program combines online and face-to-face learning and also recognizes prior college-level learning. The program is designed for students who wish to complete their degree in less time than is possible with traditional courses and class schedules.

Purpose

The Bachelor of Science degree program in Organizational Management (BSOM) is a unique degree completion program designed to meet the educational needs of working adults with some college credits from accredited institutions or from work or military experience. The program is conducted in a condensed time frame with an instructional schedule tailored to accommodate busy lifestyles. The program will help students develop the relevant skills needed to manage organizations in today's job market. Students will develop strong communication and leadership skills and develop an ethical approach to business and life.

Program of Study

The BSOM core courses will be conducted in an accelerated format with a sequence of three-credit courses each completed over a five-week period. Most BSOM core courses are in the "hybrid" format with 20 hours of classroom instruction and at least 20 hours of online instruction. Students admitted to the program will typically have completed at least 48 credit hours of college credits from accredited institutions, Prior Learning Assessment, CLEP, DANTES, military experience, or prior work experience in an organization. Exceptions may be made in special cases.

The program courses are offered in a logical sequence and cover most major aspects of organizational management. The program starts with emphasis on organizational behavior, communications, ethics, and human resource management skills and the information systems necessary to coordinate the management of these functions. The sequence continues with emphasis on the management skills needed for marketing, finance, global business challenges, and operations and project management. The program concludes with gaining an understanding of current business situations and problems and

the completion of student projects designed to develop the skills necessary to identify, analyze and make recommendations to solve organizational problems.

Program Competencies

In addition to achieving the Wilmington University undergraduate graduation competencies given in the *Academic Information and Procedures* section of this catalog, each graduating student will be able to:

1. Speak with confidence, clarity and conciseness.
2. Research, prepare, and deliver professional presentations.
3. Write clearly, concisely and appropriately using correct English grammar, punctuation, usage, mechanics, sentence structure, and vocabulary.
4. Utilize appropriate APA format for scholarly writings.
5. Utilize quantitative, qualitative and scientific reasoning for solving problems.
6. Demonstrate effective information literacy and communication with valid and reliable research.
7. Apply ethical standards as required by business management professionals.
8. Evaluate how individuals and groups influence and interact with an organization.

Curriculum

Course Requirements

The BSOM degree requires completion of 120 credit hours of which 39 credits must be in specified general education areas, 42 credits are from the BSOM core courses, and 39 credits are free electives.

Program Prerequisites

Prerequisites for admission to the BSOM program require completion of at least 48 college credit hours (or approved prior learning credits).

General Education Courses   (39 credits)

Prior to starting the BSOM core of business courses, 15 credits must be completed in the following areas. These may be among the program prerequisites described above.

College Math	3 credits
Computer Operations	3 credits
Economics	3 credits
English	6 credits

(all must be in English composition)

The BSOM program general education requirements also include acceptable electives in the following areas:

English	3 credits
Humanities	12 credits
Social Science	6 credits
Science	3 credits of natural science

Organizational Management
Program Core   (42 credits)

The College of Business programs require a minimum grade of "C" for those *program* core courses indicated with an "*" below. Students receiving a grade lower than "C" in any indicated *program* core course must retake that course.

BBM	301	Organizational Behavior*
BBM	320	Business Communications*
BBM	370	Global Business
BBM	400	Current Topics in Business Leadership
BBM	405	Organizational Project I*
BBM	406	Organizational Project II*
BBM	411	Operations Management*
BBM	412	Project Management
BFM	300	Fundamentals of Finance for Managers
BLA	303	Legal and Ethical Environment of Business*
BMK	305	Marketing*
HRM	311	Human Resource Management*
HRM	405	Compensation and Benefits
MIS	320	Management Information Systems

Free Electives   (39 credits)

Free electives may include transfer credits, courses from the Wilmington University catalog or approved prior learning assessment credits. The remaining credits may be completed at any time prior to, during, or after completion of the core program requirements.

Sports Management

Bachelor of Science

Purpose
The Bachelor of Science degree program in Sports Management provides students with the knowledge and practical experience necessary for a career in sports management. Upon completion of the program, students will be able to seek employment in a variety of organizations, including professional sports organizations, collegiate sports, business, and non-profit organizations.

Program of Study
Students receive a broad-based, personalized education in sports management. The program, which integrates theory with practical internship requirements, develops students for the opportunities available in sports management.

In addition to the sports management curriculum, the program includes a strong business management component, providing students with the skills necessary to succeed in the corporate areas of this field. The degree program offers students a variety of hands-on experiences which enhance their opportunities for career choices. Also, the general education requirements provide a well-rounded academic foundation.

Program Competencies
In addition to achieving the Wilmington University undergraduate graduation competencies given in the *Academic Information and Procedures* section of this catalog, upon completion of the Sports Management program, the graduate will be able to:

1. Demonstrate effective information literacy and communication skills with valid and reliable research.

2. Apply ethical standards as required by sports management professionals.

3. Evaluate differences between sports management, sports marketing, and sports finance within the firm.

4. Analyze how the legal system impacts the fields of amateur and professional sports.

5. Demonstrate an understanding of strategic planning in budgeting, marketing, and promotions in athletics at the college and professional levels, and in public and recreational organizations.

Curriculum

General Education Requirements   (24 credits)
BCS	206	Computer Applications for Business
ECO	105	Fundamentals of Economics
ENG	101	English Composition I
ENG	102	English Composition II
ENG	111	Advanced Communication Skills
HUM	360	Human World Views: 3500 BCE–1650 AD
HUM	361	Human World Views: 1650 AD–Present
MAT	101	College Math I

Humanities Electives   (6 credits)
Choose two courses from the following:
ART, DRA, HUM, LIT, MUS, PHI, Foreign Language, COM 245, COM 322, DSN 110, ENG 360, ENG 365, HIS 230

Natural Science Elective   (3 credits)

Social Science Elective   (6 credits)
Select two courses from the following:
PSY	101	Introduction to Psychology
SOC	101	Introduction to Sociology

History/Political Science Elective

Business Core   (33 credits)
BAC	101	Accounting I
BAC	102	Accounting II
BBM	201	Principles of Management
BBM	301	Organizational Behavior
BBM	320	Business Communications
BBM	402	Strategic Management
BMK	305	Marketing
BMK	407	Sports Marketing and Promotions*
FIN	305	Financial Management
MAT	102	College Math II
MAT	308	Inferential Statistics
BBM	411	Operations and Systems Management
HRM	311	Human Resource Management

*NOTE: BMK 407, Sports Marketing and Promotions, is required in place of BMK 305, Marketing, for Sports Management students only.

Sports Management Program Core   (30 credits)
The College of Business programs require a minimum grade of "C" for *program* core courses. Students receiving a grade lower than "C" in any required *program* core course must retake that course.

MIS	320	Management Information Systems
SPM	301	Legal and Ethical Issues in Sports
SPM	304	Current Issues in Sports Management
SPM	305	Sports Management I
SPM	306	Sport Media Relations
SPM	405	Sports Management II
SPM	406	Sport Facilities Management and Planning

SPM 408   Financing Sport Operations
SPM 490   Sports Management Internship I
SPM 491   Sports Management Internship II

Sports Management Business Electives   (9 credits)
Recommended electives in this category are as follows:

PSY 353   Sports Psychology
SPM 200   Science of Coaching
SPM 210   Sports in America
SPM 302   Sociology of Sports

Free Electives   (9 credits)
Note: Spanish fluency can be of great value In a number of sports management positions. Students should consider the following courses as their elective choices:

SPA 301   Practical Spanish 1
SPA 302   Practical Spanish 2
SPA 306   Spanish for Business & Finance

Suggested Program Sequence

Freshman

1st Semester	2nd Semester
BCS 206	BBM 201
ENG 101	ECO 105
MAT 101	ENG 102
Natural Science Elective	Humanities Elective
Social Science Elective	Social Science Elective

Sophomore

1st Semester	2nd Semester
BAC 101	BAC 102
ENG 111	BBM 320
MAT 102	BBM 411 or HRM 311
SPM 305	SPM 301
MIS 320	Humanities Elective

Junior

1st Semester	2nd Semester
BMK 407	HUM 361
MAT 308	FIN 305
HUM 360	SPM 306
SPM 405	SPM 490
SPM/Business Elective	Free Elective

Senior

1st Semester	2nd Semester
BBM 301	BBM 402
SPM 304	SPM 408
SPM 406	SPM 491
Free Elective	Free Elective
SPM/Business Elective	SPM or Business Elective

Honors Program
Combined Bachelor's and Master's Degrees

Master of Business Administration or Master of Science in Management

The Honors Program allows Wilmington University undergraduates majoring in most of the College of Business programs to earn their Bachelor of Science degree and their MBA or MSM degree in just five years. The program is designed for those students who have demonstrated academic ability and the desire to begin their professional career with all of the higher educational credentials required for success in their chosen profession. Students from the following undergraduate majors may be eligible for the Honors Program: Accounting, Business Management, Finance, Human Resource Management, Marketing, Organizational Management, and Sports Management. *Note: Admission to this program is by invitation only.*

Admissions Requirements

1. Residency and scholastic requirements:

   a. For continuing Wilmington University students: completion of at least 60 credits and a minimum GPA of 3.5

   b. For students entering Wilmington University with an associate degree: a minimum GPA of 3.5 in their associate program and contingent admission to the program subject to attaining a 3.5 GPA in their first 12 credits at Wilmington University

   c. Other transfer students: completion of at least 45 credits, at least 12 of which must be completed at Wilmington University with a minimum GPA of 3.5

2. Completed graduate admission application

3. Official transcript

4. One (1) academic reference letter.

Students must maintain a minimum GPA of 3.5 while working on their undergraduate and graduate degrees in the Honors program. Students who fail to meet this GPA requirement may continue toward their bachelor's degree in their undergraduate major. Students who withdraw from the Honors Program may receive their bachelor's degree under the usual undergraduate rules of their major.

Continuation in the Honors Program is contingent upon continuous enrollment, with no more than one full semester (15 weeks) between undergraduate and graduate degree programs. Upon a break in enrollment of more than one semester, students will be dropped from the program and will have to complete all credit requirements in the standard MBA or MSM program.

Program Competencies

Upon graduation, students will meet the graduation competencies of their selected undergraduate and graduate majors.

Program of Study

With a total requirement of 150 credits, the Honors Program follows existing undergraduate and graduate core requirements. The program requires completion of the University's current General Education Requirements and College of Business Core. The specific Program Core remains the same except that nine (9) business and free elective credits are replaced with an internship[1] and two graduate courses: MGT 6501, Organization Theory and Design and MGT 6503, Leadership and Change Management. These graduate courses are used to complete the undergraduate requirements. Upon completion of the internship and the two graduate level courses, MGT 6501 and MGT 6503, the Honors student shall be considered a degree-seeking student in the Graduate Business Program, even though conferral of the undergraduate degree shall not occur until the remaining 30 credits are completed to fulfill the Graduate Business degree requirements. All graduate concentrations are available. See the *Wilmington University Graduate Catalog* for graduate course requirements. The changes to the specific undergraduate programs are detailed below.

Accounting

Nine (9) credits of Free Electives are replaced by:
MGT 6501 Organization Theory and Design
MGT 6503 Leadership and Change Management

Choose one of the following two courses:
BAC 490 Internship in Accounting
BBM 490 Internship in Business Management

Business Management

Nine (9) credits of Business Electives are replaced by:
BBM 490 Internship in Business Management
MGT 6501 Organization Theory and Design
MGT 6503 Leadership and Change Management

Finance

Six (6) credits of Finance Electives and three (3) credits of Free Electives are replaced by:
FIN 490 Internship in Finance
MGT 6501 Organization Theory and Design
MGT 7591 Leadership and Communications

Human Resource Management

Nine (9) credits of Human Resource electives are replaced by:
HRM 490 Internship in Human Resource Management
MGT 6501 Organization Theory and Design
MGT 6503 Leadership and Change Management

Marketing

Nine (9) credits of Marketing Electives are replaced by:
BMK 490 Marketing Internship
MGT 6501 Organization Theory and Design
MGT 6503 Leadership and Change Management

Organizational Management

Nine (9) credits of Free Electives are replaced by:
BBM 490 Internship in Business Management
MGT 6501 Organization Theory and Design
MGT 6503 Leadership and Change Management

Sports Management

Six (6) credits of Sports Management or Business Management Electives are replaced by:
MGT 6501 Organization Theory and Design
MGT 6503 Leadership and Change Management

Note: internships are already a requirement within the Sports Management Program Core

SUGGESTED PROGRAM SEQUENCE

Students should follow the suggested program sequence of their undergraduate major, replacing electives in their senior year with MGT 6501 and MGT 6503. The required internship may be completed during their senior year or, if applicable, in the following summer. See the Honors Program Coordinator for details.

For students with significant work experience the internship requirement may be replaced by a capstone undergraduate project upon approval by the Honors Program Coordinator.

Business Minors

All undergraduate students pursuing a non-business degree have the option of choosing a minor in business. Students interested in earning a business minor should discuss additional requirements with their academic advisor. Students may transfer a maximum of 30% of the coursework required for a minor.

BUSINESS MINOR (27 CREDITS)

This general option includes the following courses:

BAC 101 Accounting I
BAC 102 Accounting II
FIN 305 Financial Management
MAT 301 Principles of Statistics I
MAT 302 Principles of Statistics II
BBM 320 Business Communications
ECO 101 Economics I
ECO 102 Economics II
BMK 305 Marketing

GLOBAL MANAGEMENT MINOR (18 CREDITS)

This minor is available to business and non-business students alike who wish to add a global management focus to their career path or program of study. The following courses are required.

BBM 370 Global Management
BBM 401 International Communication
BMK 308 Global Marketing
ECO 350 International Trade and Economics
FIN 450 International Finance
HRM 350 International Human Resource Management

FINANCE MINOR (21 CREDITS)

This minor is available to business and non-business students alike who wish to add a finance focus to their career path or utilize knowledge of finance to achieve personal goals.

BAC 101 Accounting I
FIN 302 Financial Planning
FIN 305 Financial Management
FIN 306 Corporate Finance

Select one of the following:
FIN 411 Investments and Security Analysis
FIN 412 Financial Institution Management

Select one of the following:

ECO 105 Fundamentals of Economics
ECO 101/102 Economics I and II*

Select one of the following:
MAT 101 College Math I*
MAT 202 Mathematics for Teachers II
MAT 205 History and Principles of Mathematics

* Business students complete these requirements through their major.

HUMAN RESOURCE MANAGEMENT MINOR (18 CREDITS)

Students in degree programs have the option of pursuing a minor in Human Resource Management, which will provide students with an overview of the field of human resources. The following courses are required:

Core Credits (15 credits)
HRM 305 Staffing Organizations
HRM 311 Human Resource Management
HRM 350 International HRM
HRM 400 Legal Aspects of Human Resource Management
HRM 410 Training and Development

HRM Minor Electives (3 credits)
Student can choose ONE of the following 5 courses:
HRM 310 Organizational Development
HRM 312 Computer Applications in Human Resources
HRM 321 Organizational Communication
HRM 340 The Adult Learner
HRM 405 Compensation Administration

MANAGEMENT INFORMATION SYSTEMS MINOR (21 CREDITS)

Students in degree programs have the option of pursuing a minor in Management Information Systems. In an era of expanding technology, this minor will assist decision makers with their use of computer-generated information. This option includes the following courses:

ISM 110 Information Systems Theory and Practice
ISM 330 Business Intelligence
ISM 400 Analysis and Logical Design
ISM 410 Physical Design and Implementation with DBMS
ISM 420 Data Modeling and Warehousing
ISM 450 Project Management and Practice
SEC 210 Principles and Practices of Information Security

Business Certificates

Post-Bachelor's Certificate in Accounting (36 credits)

The certificate was designed to concentrate exclusively on the skills and knowledge needed for entry-level accounting positions or the Uniform CPA or CMA Examinations. This Certificate includes a core curriculum of 12 classes (36 credits), students must earn a minimum grade of "C" in each BAC course, and no more than 6 credits may be transferred into the Certificate program. BAC 101 and 102 are prerequisites for the Certificate. Students actively pursuing a bachelor's degree at Wilmington University will be permitted to enroll in the Certificate program, but will not receive a certificate until the completion of the degree program.

Post-Bachelor's Certificate in Accounting Courses

BAC	201	Intermediate Accounting I
BAC	202	Intermediate Accounting II
BAC	301	Cost Accounting I
BAC	302	Cost Accounting II
BAC	321	Tax Accounting I
BAC	322	Tax Accounting II
BAC	401	Advanced Accounting I
BAC	402	Advanced Accounting II
BAC	423	Auditing
BAC	435	Accounting Information Systems
BLA	305	Business Law for Accounting & Finance Majors
BBM	319	Business Ethics

Certificate in Entrepreneurship/Small Business Management (16 credits)

The certificate program In Entrepreneurship/Small Business Management is targeted to the existing business owner. The certificate requires successful completion of five courses that the student chooses from a menu of nine (see list below) as well as one required course, BBM 100, Customer Service Workshop.

Entrepreneurship/Small Business Management Certificate Courses

| BBM | 100 | Customer Service Workshop (1 credit) |

Select five courses from the following:

| BAC | 101 | Accounting I |
| FIN | 200 | Small Business Finance |

BLA	200	Small Business Law
BBM	315	Supervision
BBM	351	Small Business Management
BBM	411	Operations Management
BMK	311	Sales Force Management
BMK	366	Entrepreneurship
HRM	311	Human Resource Management

Up to six (6) transfer credits will be accepted for the Certificate in Entrepreneurship/Small Business Management.

Training and Staff Development Certificate (15 credits)

All students are eligible to pursue a certificate in Training and Staff Development; however, it is recommended that they have some experience in the areas of human resource management, training and development, and organizational communication. Students wishing to receive the Training and Staff Development certificate are required to complete the five courses listed below and successfully pass a certification examination.

Training and Staff Development Certificate Courses

HRM	310	Organizational Development
HRM	311	Human Resource Management
HRM	321	Organizational Communication
HRM	340	The Adult Learner
HRM	410	Training and Development

(prerequisite: HRM 311)

Up to six (6) transfer credits will be accepted for the Training and Staff Development Certificate.

Human Resource Management Certificate (30 credits)

Individuals who wish to work in the field of human resources may pursue the Human Resource Management Certificate. The certificate concentrates on the core courses in the Human Resource Management Bachelor of Science degree. Interested students can continue immediately into the bachelor's degree program.

HRM Certificate Core Courses (18 credits)

ENG	101	English Composition I
BBM	201	Principles of Management
BBM	301	Organizational Behavior
BBM	320	Business Communications
HRM	311	Human Resource Management
HRM	400	Legal Aspects of Human Resource Management

HRM Certificate Electives   **(9 credits)**

Select three courses from the following:

HRM 300	Labor Relations and Collective Bargaining
HRM 305	Staffing Organizations
HRM 310	Organizational Development
HRM 320	Safety in the Workplace
HRM 321	Organizational Communication
HRM 350	International Human Resource Management
HRM 405	Compensation Administrations

HRM Certificate Free Electives   **(3 credits)**

Up to six (6) transfer credits will be accepted for the Human Resource Management Certificate. Out of the six (6) credits, only one course (3 credits) can be a human resource management class.

COLLEGE OF

Education

Associate of Science
Early Childhood Education

Bachelor of Science

Career and Technical Education
Early Care and Education—
Birth – Grade 2
Elementary Education—
Grades K – 6
Middle Level Education—
Grades 6 – 8

The College of Education at Wilmington University reserves the right to modify requirements to comply with any licensure/certification changes mandated by the Professional Standards Board, the Delaware State Department of Education, and/or via State of Delaware legislation.

As a result of the federal mandate, HOUSSE, and each state's requirement to comply with this legislation, expectations for both beginning and veteran teachers have been developed and were implemented in the 2005-2006 school year. Very briefly summarized, the law indicates that all children must be taught by "highly qualified" teachers and that each state must define what "highly qualified" means and the appropriate steps needed to achieve that status.

The State of Delaware has essentially determined the components for "highly qualified" status of NEW teachers as someone with a degree in teacher preparation from an approved program and passing scores on the appropriate PRAXIS II test. Where applicable and appropriate, a PRAXIS II test is also required for a teaching certificate.

Philosophy

The College of Education at Wilmington University prepares students for careers as professional educators. Areas of program concentration include Early Care and Education (Birth–Grade 2), Elementary Education (grades K–6), and Middle Level Education (grades 6–8).

The program is grounded in research, is standards-driven, and is based on four central beliefs:

1. Teacher candidates must have extensive practical experiences in public/private classrooms and schools, and must gain such experience in a manner that provides for informed analysis and reflection.

2. Teacher candidates must acquire, and keep acquiring, a broad foundation of general knowledge in the liberal arts, the fine arts, mathematics, technology, and the sciences.

3. Teacher candidates must acquire, and keep acquiring, an essential body of verified and reliable knowledge about human development, teaching, and learning.

4. Teacher candidates must acquire, and keep acquiring, an essential body of skills related to effective communication.

Course work and supervised field experiences stress the creation of effective and appropriate learning environments, effective communication, high expectations for children, the translation of knowledge and theory into best practice, equity, cultural and contextual sensitivity, collaboration, decision-making, reflection, technology, constructivism and professionalism.

Early Childhood Education

Associate of Science

Purpose

The Associate of Science degree program in Early Childhood Education prepares students to work primarily as paraprofessionals (instructional aides, teaching associates, teaching assistants) in the public schools, or as teachers in private preschool and child care settings. Upon completion of the Associate of Science degree, a student may elect to continue studies to earn a Bachelor of Science degree in Early Care and Education.

Program of Study

The program begins with courses designed to introduce students to basic principles of child growth and development and psychology. Courses follow in the area of language development and literacy, methods of teaching, and assessment. The centrality of the family and community in the life of the child is emphasized throughout the program. Classroom management and assessment strategies are studied in separate courses and are also integrated into courses and fieldwork. The program requires an internship in an approved setting. A minimum of sixty (60) total credits is required for degree completion. For all students beginning the Associate of Science Degree in Early Childhood Education in the Fall of 2009 or thereafter, passing scores on all three sections of PRAXIS I (or relevant exemption test) are required before admission to ECE 203 and ECE 204.

Program Competencies

1. Create learning experiences that make content meaningful to students and reflect an understanding of the core concepts and structures of early childhood education.

2. Provide learning opportunities that support the intellectual, social, emotional, and physical development of students based on an understanding of childhood development and learning.

3. Adapt instruction for diverse learners based on an understanding of how students differ.

4. Demonstrate proficiency in oral and written communication.

5. Create a learning environment that fosters active engagement, self-motivation, and positive social interaction by understanding individual and group behavior.

6. Apply a variety of instructional approaches that promote student thinking, understanding, and application of knowledge.

7. Use multiple assessment strategies for the continuous development of students.

8. Pursue opportunities to improve teaching and thereby enhance professional growth.

9. Collaborate with colleagues, parents/guardians, and other members of the community to support student learning and well-being and demonstrate knowledge of the role of the school in the community.

10. Understand and maintain standards of professional conduct guided by legal and ethical principles.

11. Demonstrate dispositions expected of beginning teachers.

Clinical Requirements

Internship placements for students must be arranged and approved through the College of Education, Office of Clinical Studies. Applications for placements must be submitted electronically and are due in the Office of Clinical Studies by October 1 for spring semester placements and March 1 for fall semester placements.

Curriculum

General Education Requirements (24-25 credits)

ECO 105   Fundamentals of Economics
ENG 101   English Composition I
ENG 102   English Composition II
ENG 111   Advanced Communication Skills
MAT 205   Introductory Survey of Mathematics
PSY 101   Introduction to Psychology

Fine Arts Electives (3 credits)

Select three credits from:
ART 101, 202, 210, 245, 301, 302, 304, 310, 315; DRA 105, 110, 140, 200; MUS 101, 201; HUM 307, 330; TEC 215; DSN 110

Natural Science Elective

May be three (3) or four (4) credit hours for AS degree. Must be four (4) credit hours to transfer to the BS in Early Care and Education (Birth-Grade 2) program.

Behavioral Science Core (6 credits)

PSY 201   Child Growth and Development
PSY 333   Psychology of the Exceptional Child

Education Core   **(18 credits)**

ECE	202	Professional Issues in Early Childhood
ECE	206	Family Development and Service Systems
ECE	211	Language Arts in Early Childhood Programs
ECE	214	Creating Environments for Learning
EPY	301	Assessment of Exceptional Children and IEPs
RDG	300	Language Development and Early Literacy

Clinical Component   **(12 credits)**

ECE	203	Methods of Teaching Art, Music, and Movement
ECE	204	Integrated Methods: Language Arts, Social Studies, Science, and Math
ECE	216	Internship in Early Childhood Education

Career and Technical Education

Bachelor of Science

This program is approved by the Delaware Department of Education

Purpose

The purpose of the Bachelor of Science in Career and Technical Education is to provide opportunities for adults who seek a Bachelor's degree and certification as career and technical education teachers. A student must also satisfactorily document at least six (6) years of full-time work experience/training in his/her particular career area to be considered for Delaware Career and Technical certification. The courses in the program will provide career and technical teachers with the necessary skills to be successful in the classroom.

Program of Study

The courses available in the Bachelor of Science program in Career and Technical Education combine rich and varied course offerings that include core courses and education courses for education majors as well as specific education courses tailored to career and technical program teachers. The College of Education at Wilmington University reserves the right to modify requirements to comply with any licensure/certification changes mandated by the Delaware State Department of Education. The program must be completed within six years. The College of Education sets the grade of C as the lowest grade that is acceptable in any required teacher preparation course.

Program Competencies

The College of Education has 14 Program Competencies derived from the Delaware Professional Teaching Standards and the College of Education Conceptual Framework. Candidates for the BS in Career and Technical Education will demonstrate the knowledge, skills, and dispositions required to:

1. Create learning experiences that make content meaningful to students and reflect an understanding of the core concepts and structure of education.

2. Provide learning opportunities that support the intellectual, social, emotional, and physical development of students based on an understanding of adolescent development and learning.

3. Adapt instruction for diverse learners based on an understanding of how students differ.

4. Demonstrate proficiency in oral and written communication.

5. Create a learning environment that fosters active engagement, self-motivation, and positive interaction by understanding individual and group behavior.

6. Design instruction based upon knowledge of the disciplines, students, the community, and Delaware's content standards to demonstrate knowledge of instructional planning.

7. Apply a variety of instructional approaches that promote student thinking, understanding, and application of knowledge.

8. Use multiple assessment strategies for the continuous development of students.

9. Pursue opportunities to improve teaching and thereby enhance professional growth.

10. Collaborate with colleagues, parents/guardians, and members of the business community to support student learning and well-being and demonstrate knowledge of the role of the school in the community.

11. Use educational technology as an instructional and management tool.

12. Understand and maintain standards of the professional conduct guided by legal and ethical principles.

13. Demonstrate dispositions expected of beginning teachers .

14. Obtain and retain successful employment in the profession of education.

Praxis I: PPST Requirements

Career and Technical Bachelor of Education degree students must achieve Delaware minimum passing scores on all 3 sections of Praxis I (Reading, Writing and Math) prior to taking EDC 420 (Clinical Component). This is also a graduation requirement.

CURRICULUM

General Education Requirements   (45 credits)

BCS 205   Personal Computer Operations I
OR
BCS 206   Computer Applications for Business
OR
BCS 210   Computer Science

ENG 101   English Composition I
ENG 102   English Composition II
ENG 111   Advanced Communication Skills
ENG 320   Advanced Composition
OR
Course in technical writing
HUM 360   Human World Views: 3500 BCE–1650 AD
HUM 361   Human World Views: 1650 AD–Present
MAT 201   Math for Teachers I
MAT 202   Math for Teachers II
Natural Science Elective

Six credits to be selected from:
PSY 101   Introduction to Psychology
History or Political Science Elective

Six credits to be selected from:
BBM 201   Principles of Management
BBM 319   Business Ethics
DSN 120   Desktop Publishing
DSN 110   Fundamentals of Drawing
ECO 105   Fundamentals of Economics
ENG 360   Creative Writing
ENG 365   Academic Writing
Fine Arts, Foreign Language, Literature, Music, Philosophy, Communications courses

Education Core   (45 credits)
EDC 100   Career and Technical Education E-folio
EDC 400   Educational Psychology*
EDC 401   Career and Technical Education Instructional Technology*
EDC 402   Career and Technical Education Advanced Curriculum Design
EDC 403   History and Regulations of Career and Technical Education
EDC 404   Career and Technical Education Guidance Practices
EDC 405   Career and Technical Education: Community and Business Relations
EDC 406   Career and Technical Education Assessment and Course Construction*
EDC 407   Career and Technical Student Organizations
EDC 410   Multicultural Education*
EDC 411   Methods of Teaching Career and Technical Education I*
EDC 412   Career and Technical Education Classroom Management*
EDC 413   Methods of Teaching Career and Technical Education II*
EDC 414   Student Testing and Evaluation
EPY 401   Teaching Diverse Populations and Exceptional Children*
RDG 301   Teaching of Reading/Writing
RDG 305   Reading in the Content Areas

Supervised Clinical Experience   **(6 credits)**

EDC 420   Clinical Component for Career and Technical
                       Education Teachers

Note: All three sections of Praxis I must be taken and passed before taking EDC 420

Education or Free Electives   **(24 credits)**

EDC 402   Career and Technical Education
                       Advanced Curriculum Design
EPY 303   Advising, Mentoring, and Counseling Techniques
MAT 110   Math Essentials
PSY 201   Child Growth and Development
PSY 332   Adolescent Development

Other electives approved by Program Coordinator:

- NOCTI Competency Exam in specific career area—up to 18 credits

- Appropriate trade school courses—up to 18 credits

- Appropriate manufacturers' service school courses—up to 12 credits

- DOE approved apprenticeship, military, or trade school/extension

- DOE approved industry certification (ASE)

- National Center for Construction Education and Research Instructor Certification Course

- DOE approved instructor's certification course(s)

- DOE approved test-based Professional Municipal License

- DOE approved test-based Professional Municipal License Preparation Course

- Post-secondary courses in the occupational area to be taught

Certification Program

EDC 400   Educational Psychology*
EDC 401   Career and Technical Education
                       Instructional Technology*
EDC 406   Career and Technical Education Assessment
                       and Course Construction*
EDC 410   Multicultural Education*
EDC 411   Methods of Teaching Career
                       and Technical Education I*
EDC 412   Career and Technical Education
                       Classroom Management*
EDC 413   Methods of Teaching Career
                       and Technical Education II*
EPY 401   Teaching Diverse Populations
                       and Exceptional Children*

*Courses required for Initial Delaware Teacher Certification

Education

Bachelor of Science

The Bachelor of Science degree programs in Education are approved by the Delaware Department of Education. Any changes that are mandated or legislated will be implemented as soon as possible. Students will be notified of any changes that affect program requirements.

Purpose

The purpose of the Bachelor of Science degree in Education is to prepare students for teaching positions in schools serving children from birth through grade 8. Students choose a teaching concentration that leads to certification in either Early Care and Education (Birth through Grade 2), Elementary Education (Grades K-6), or Middle Level Education (Grades 6-8).

Program of Study

The three programs available in the Bachelor of Science program in Education combine rich and varied course offerings with extensive, supervised field experiences. Many faculty members are current practitioners (teachers, counselors, content area specialists, administrators); all faculty members have had professional experience in public schools. General Education Requirements courses, required of all Wilmington University undergraduates, provide a well-rounded academic foundation. Supervised field experiences are an integral part of the teacher preparation program. Field experiences begin during the student's first year and continue through the final, clinical semester. Starting Fall 2007 students must pass all sections of the PRAXIS I: Reading, Mathematics and Writing (or relevant exemption test) and the appropriate PRAXIS II tests prior to admission to the first methods course.

Program Competencies

The College of Education has 14 program competencies derived from the Delaware Professional Teaching Standards and the College of Education Conceptual Framework. Teacher candidates will demonstrate knowledge, skills, and dispositions required to:

1. Create learning experiences that make content meaningful to students and reflect an understanding of the core concepts and structure of education.

2. Provide learning opportunities that support the intellectual, social, emotional, and physical development of students based on an understanding of childhood development and learning.

3. Adapt instruction for diverse learners based on an understanding of how students differ.

4. Demonstrate proficiency in oral and written communication.

5. Create a learning environment that fosters active engagement, self-motivation, and positive social interaction by understanding individual and group behavior.

6. Design instruction based upon knowledge of the disciplines, students, the community, and Delaware's student content standards to demonstrate knowledge of instructional planning.

7. Apply a variety of instructional approaches that promote student thinking, understanding, and application of knowledge.

8. Use multiple assessment strategies for the continuous development of students.

9. Pursue opportunities to improve teaching and thereby enhance professional growth.

10. Collaborate with colleagues, parents/guardians, and other members of the community to support student learning and well-being and demonstrate knowledge of the role of the school in the community.

11. Use educational technology as an instructional and management tool.

12. Understand and maintain standards of professional conduct guided by legal and ethical principles.

13. Demonstrate dispositions expected of beginning teachers.

14. Obtain and retain successful employment in the profession of education.

Outcomes Assessment

Assessment of knowledge components and performance competencies is accomplished through satisfactory attainment of specific course objectives; successful completion of assignments linked to program competencies and graduation competencies; practicum evaluations from advisors and mentors; student teaching evaluations from clinical advisors, supervising teachers, and mentors; the completion and presentation of a professional portfolio; and post-graduation surveys.

Clinical Requirements

Applicants for student teaching must meet required application procedures and deadlines. Applications for student teaching must be submitted electronically to the Office of Clinical Studies; Applications are due by October 1 for spring semester placements, or by March 1 for fall semester placements.

Applications for student teaching do not replace the need to register for the student teaching course. The following are also required:

1. A cumulative GPA of 2.5 before receiving a student teaching placement (ECE 450 or EDU 451)

2. A portfolio documenting achievement of program competencies for graduation

3. Completion of all course prerequisites

4. A completed Health and TB form

5. A Criminal Background Check

6. Passing scores on Praxis I and Praxis II

7. Co-registration in EDU 499

8. The College of Education sets a minimum grade of C for all Education core courses (ECE, EDU, RDG, and EPY).

Completion of the student teaching requirement is contingent upon the successful completion of an electronic portfolio documenting satisfactory achievement of all program competencies.

PRAXIS I Requirements

All students must meet Delaware minimum score requirements on all three sections of the PRAXIS I and the appropriate PRAXIS II test prior to registering for any of the following courses in the Bachelor of Science program:

ECE 203, 204

EDU 402, 403, 404, 405, 407, 408, 409, 410

RDG 401

Teacher Dispositions and Values

A significant element of programs for the preparation of teachers deals with developing candidates' skills in working with students from a wide variety of diverse backgrounds and with students who also may present a wide variety of exceptionalities. Clinical experiences (practica, internships, student teaching) in the BS program require candidates to interact with students of both genders, students with exceptionalities (Including students whose first language is not English), and students whose socioeconomic, racial, language, geographic and ethnic backgrounds are different from their own.

A second area of importance for teacher candidates is to ensure that they work with students, families, and communities in ways that reflect the dispositions expected of teachers as delineated in professional, state, and institutional standards. BS candidates must recognize, develop, and model dispositions that are expected of beginning teachers.

In order to assess a teacher candidate's dispositions and values, the College of Education administers the "Inventory of Beginning Teacher's Dispositions" and "Multicultural Inventory" during clinical courses in the undergraduate program.

Because of the importance accorded to these surveys, teacher candidates are expected to participate fully and to comply with these tasks as assigned.

Early Care and Education (Birth–Grade 2)

Bachelor of Science

A Delaware State approved program for Early Care and Education.

Program Requirements

Teacher candidates are expected to complete all requirements associated with the Bachelor's of Science degree with a concentration in Early Care and Education, including both course work and clinical experiences. The Praxis I: Reading, Mathematics, and Writing (or relevant exemption test) and the Praxis II (20021: Education of the Young Child) must be passed prior to admission to methods classes.* Teacher candidates are required to register for EDU 102, E-Folio as the initial course in the program as this course will allow them to document various course requirements needed to satisfy individual program competencies. The College of Education sets a required minimum grade of C for all Education core courses (ECE, EDU, RDG, and EPY).

*Please be advised that in order to achieve "Highly Qualified Status" in the state of Delaware for grades K-6, the teacher candidate must also pass the 10014 Praxis II: Elementary Education. This test cannot be used In Lieu of 20021: "Education of the Young Child" to fulfill program requirements for Early Child Care and Education.

General Education Requirements (60 credits)

BCS	205	Personal Computer Operations I
OR		
BCS	206	Computer Application for Business
ECO	105	Fundamentals of Economics
ENG	101	English Composition I
ENG	102	English Composition II
ENG	111	Advanced Communication Skills
ENG	320	Advanced Composition
HIS	204	World History
HIS	300	World and Regional Geography
HIS	316	American History
HIS	320	Global Civilizations
POL	300	American Politics
MAT	201	Mathematics for Teachers I

MAT 202   Mathematics for Teachers II
MAT 304   Mathematics for Teachers III
SCI 105   Physical Science with Lab
SCI 232   Life and Environmental Science with Lab
SCI 305   Earth and Space Science with Lab

Fine Arts Electives (6 credits from the following):
ART 101, 202, 210, 245, 301, 302, 304, 310, 315; DRA 105, 110, 140, 200; MUS 101, 201; HUM 307, 330; TEC 215; DSN 110

Behavioral Science Core	**(12 credits)**
PSY 101	Introduction to Psychology
PSY 201	Child Growth and Development
PSY 330	Infant and Toddler Development
PSY 333	Psychology of the Exceptional Child

Education Core	**(30 credits)**
EDU 102	E-folio Portfolio
ECE 201	Health, Safety, and Nutrition
ECE 202	Professional Issues in Early Childhood
ECE 205	Parent, Family, and Community Interactions
ECE 206	Family Development and Service Systems
ECE 214	Creating Environments for Learning
EDU 401	Instructional Technology
EPY 301	Assessment of Exceptional Children and IEPs
EPY 306	Educational Psychology and Assessment
EPY 401	Teaching Diverse Populations/Exceptional Children
RDG 300	Language Development and Early Literacy

Clinical Components	**(24 credits)**
ECE 203	Methods of Teaching Art, Music, and Movement
ECE 204	Integrated Methods: Language Arts, Social Studies, Science, and Math
EDU 390	Practicum I
EDU 391	Practicum II
EDU 392	Practicum III
ECE 450	Student Teaching
RDG 401	Methods of Teaching Language/Literacy
EDU 499	Clinical Assessment in the Classroom [This course must be taken in conjunction with ECE 450 Student Teaching.]

Elementary Education (Grades K–6)

Bachelor of Science

This program is nationally recognized by the Association for Childhood Education International (ACEI) and by the National Council for Accreditation of Teacher Education (NCATE).

Program Requirements

Teacher candidates are expected to complete all requirements associated with the Bachelor of Science degree with a concentration in Elementary Education, Including both course work and clinical experiences. The Praxis I: Reading, Mathematics, and Writing (or relevant exemption test) and the Praxis II (10014: Elementary Education) must be passed prior to admission to methods classes. Teacher candidates are required to register for EDU 102, E-folio as the initial course in the program as this course will allow them to document various course requirements needed to satisfy individual program competencies. The College of Education sets a minimum grade of C for all Education core courses (ECE, EDU, RDG, and EPY)

General Education Requirements	**(54-57 credits)**
BCS 205	Personal Computer Operations I or
BCS 206	Computer Applications for Business
ECO 105	Fundamentals of Economics
ENG 101	English Composition I
ENG 102	English Composition II
HIS 300	World and Regional Geography
HIS 316	American History
HIS 320	Global Civilizations
POL 300	American Politics
MAT 201	Mathematics for Teachers I
MAT 202	Mathematics for Teachers II
MAT 304	Mathematics for Teachers III
SCI 105	Physical Science with Lab
SCI 232	Life and Environmental Science with Lab
SCI 305	Earth and Space Science with Lab

General Education/
Behavioral Science Electives   (6 credits)
Select 2 courses from:

ENG 111; PSY 101; SPA 301

Fine Arts Electives (6 credits)

Select 2 courses from:
ART 101, 202, 210, 245, 301, 302, 304, 310, 315; DRA 105, 110, 140, 200; MUS 101, 201; HUM 307, 330; TEC 215; DSN 110

Behavioral Science Core (6 credits)

| PSY | 201 | Child Growth and Development |
| PSY | 333 | Psychology of the Exceptional Child |

Education Core (36 credits)

EDU	102	E-folio Portfolio
ECE	214	Creating Environments for Learning
EDU	202	School Involvement with Families and Community
EDU	304	Health and Physical Education
EDU	310	Applied Behavior Analysis and Classroom Culture
EDU	311	Assistive Technology
EDU	401	Instructional Technology
EPY	301	Assessment of Exceptional Children and IEPs
EPY	306	Educational Psychology and Assessment
EPY	401	Teaching Diverse Populations/Exceptional Children
RDG	300	Language Development and Early Literacy
RDG	301	Teaching of Reading/Writing
RDG	302	Literature for Children
RDG	306	Diagnosis and Correction of Reading Difficulties

Clinical Components (27 credits)

EDU	390	Practicum I
EDU	391	Practicum II
EDU	392	Practicum III
EDU	402	Integrated Approaches to Teaching Elementary Language Arts/Reading
EDU	403	Integrated Approaches to Teaching Elementary Social Sciences
EDU	404	Integrated Approaches to Teaching Elementary Science
EDU	405	Integrated Approaches to Teaching Elementary Math
EDU	451	Student Teaching
EDU	499	Clinical Assessment in the Classroom

(This course must be taken in conjunction with EDU 451, Student Teaching.)

Program Option

Students with junior status and a 3.0 cumulative GPA are eligible to enroll in graduate level courses in Special Education (grades 1-8). A score that meets Delaware minimum requirements on the ETS Exam #10352: "Application of Core Principles Across Categories of Disabilities" will provide certification for teacher candidates. For further information on this option, contact your Advisor.

Middle Level Education (Grades 6–8)

Bachelor of Science

This program is nationally recognized by the National Middle School Association (NMSA) and by the National Council for Accreditation of Teacher Education (NCATE).

Teacher candidates are expected to complete all requirements associated with the Bachelor of Science degree with a concentration in Middle Level Education, including both course work and clinical experiences. The Praxis I: Reading, Mathematics and Writing (or relevant exemption test) and the appropriate Praxis II for the major concentration (see below) must be passed prior to admission to methods classes. Teacher candidates are required to register for EDU 102, E-folio as the initial course in the program as this course will allow them to document various course requirements needed to satisfy Individual program competencies. The College of Education sets a minimum grade of C for all Education core courses (ECE, EDU, RDG, and EPY)

Major Concentration   Praxis II

English	10049	Middle School English/Language Arts
Mathematics	20069	Middle School Mathematics
Science	10439	Middle School Science
Social Science	20089	Middle School Social Studies

Each student who wishes to teach at this level must declare one area (math, science, English, or social science) as his/her major concentration. In addition, an area of minor concentration must also be chosen from one of the three remaining disciplines noted above in parentheses. For example, a student can choose to have a math major concentration and a science, social science, or English minor concentration. The required courses for the 12 possible combinations are listed below.

Courses required of all Middle Level Education Candidates:

BCS	205	Personal Computer Operations I or
BCS	206	Computer Applications for Business
ECO	105	Fundamentals of Economics
ENG	101	English Composition I
ENG	102	English Composition II

ENG	111	Advanced Communication Skills
HIS	204	World History
HUM	360	Human World Views: 3500 BCE-1650 AD
HUM	361	Human World Views: 1650 AD-Present
SCI	232	Life and Environmental Science

Fine Arts Elective (choose one):

ART 101, 202, 210, 245, 301, 302, 304, 310, 315; DRA 105, 110, 140, 200; MUS 101, 201; HUM 307, 330; TEC 215; DSN 110

PSY	332	Adolescent Development
PSY	333	Psychology of the Exceptional Child
EDU	102	E-folio
EDU	202	School Involvement with Families and Communities
EDU	303	Contemporary Theories and Practices in Middle Level Education
EDU	306	Effective Teaching Strategies
EDU	312	Integrated Curriculum in Schools
EDU	313	Classroom Culture and Student Behavior
EDU	401	Instructional Technology
EPY	302	Educational Assessment
EPY	303	Advising Mentoring and Counseling Techniques
EPY	401	Teaching Diverse Populations and Exceptional Children
RDG	305	Reading in the Content Area
EDU	390	Practicum I
EDU	391	Practicum II
EDU	392	Practicum III
EDU	451	Student Teaching
EDU	499	Clinical Assessment in the Classroom

Courses required for the Math concentration

EDU	410	Integrated Approaches to Teaching Middle Level Math
MAT	101	College Math I
MAT	200	Pre-Calculus
MAT	308	Inferential Statistics
MAT	310	Calculus I
MAT	311	Calculus II
MAT	320	Finite Math
MAT	330	Discrete Math
MAT	331	Geometry
MAT	332	History of Math

Courses required for Math concentrations with specific minor concentrations:

Math/Science

MAT	201	Math for Teachers
SCI	305	Earth and Space Science (with Lab)
SCI	312	Physics (4 credits)
SCI	315	Applied Chemistry

EDU	409	Integrated Approaches to Teaching Middle Level Science

Math/Social Science

POL	300	American Politics
POL	326	Public Policy and Social Issues
HIS	316	American History
HIS	300	World and Regional Geography
SOC	101	Introduction to Sociology
EDU	408	Integrated Approaches to Teaching Social Science

Math/English

COM	300	Communication Theory
ENG	200	English Grammar
LIT	332	Major American Writers
OR		
LIT	333	African American Literature
RDG	300	Language Development and Early Literacy
RDG	302	Literature for Children
EDU	407	Integrated Approaches to Teaching Middle Level Language Arts/Reading

Courses required for the Science concentration:

EDU	409	Integrated Approaches to Teaching Middle Level Science
EDU	396	Environmental Education Practicum
MAT	101	College Math I
MAT	200	Pre-Calculus
SCI	305	Earth and Space Science w/lab
SCI	312	Physics w/ lab (4 credits)
SCI	315	Applied Chemistry w/lab
SCI	308	Statistics for the Sciences
SCI	321	Technology in the Sciences

Courses required for Science concentrations with specific minor concentrations:

Science/Math

MAT	201	Math for Teachers
MAT	310	Calculus I
MAT	311	Calculus II
MAT	320	Finite Math
MAT	331	Geometry
EDU	410	Integrated Approaches to Teaching Middle Level Math

Science/Social Science

POL	300	American Politics
POL	326	Public Policy and Social Issues
HIS	316	American History
HIS	300	World and Regional Geography
SOC	101	Introduction to Sociology
EDU	408	Integrated Approaches to Teaching Middle Level Social Science

Science/English

COM	300	Communication Theory
ENG	200	English Grammar
LIT	332	Major American Writers
OR		
LIT	333	African American Literature
RDG	300	Language Development and Early Literacy
RDG	302	Literature for Children
EDU	407	Integrated Approaches to Teaching Middle Level Language Arts/Reading

Courses required for the English concentration

COM	300	Communication Theory
COM	431	Media and Society
EDU	407	Integrated Approaches to Teaching Middle Level Language Arts and Reading
ENG	200	English Grammar
ENG	205	History of the English Language
ENG	320	Advanced Composition
LIT	205	World/Non-Western Literature
LIT	332	Major American Writers
OR		
LIT	333	African American Literature
RDG	300	Language Development and Early Literature
RDG	302	Literature for Children

Courses required for English concentrations with specific minor concentrations:

English/Math

MAT	101	College Math I
MAT	200	Pre-Calculus
MAT	201	Math for Teachers
MAT	308	Inferential Statistics
EDU	410	Integrated Approaches to Teaching Middle Level Math
MAT	320	Finite Math

English/Social Science

POL	300	American Politics
POL	326	Public Policy and Social Issues
HIS	316	American History
SOC	101	Introduction to Sociology
EDU	408	Integrated Approaches to Teaching Middle Level Social Sciences
MAT	205	Introductory Survey of Mathematics

English/Science

MAT	205	Introductory Survey of Mathematics
SCI	312	Physics (4 credits)
SCI	315	Applied Chemistry
SCI	305	Earth and Space
EDU	409	Integrated Approaches to Teaching Middle Level Math

Courses required for the Social Sciences concentration:

EDU	408	Integrated Approaches to Teaching Middle Level Social Studies
POL	300	American Politics
POL	326	Public Policy and Social Change
HIS	300	World and Regional Geography
HIS	316	American History
HIS	317	Military History
SOC	101	Introduction to Sociology
SOC	201	Cultural Anthropology
SOC	320	Society and Technology

Courses required for Social Sciences concentrations with specific minor concentrations:

Social Science/Math

MAT	101	College Math I
MAT	200	Pre-Calculus
MAT	201	Math for Teachers
MAT	308	Inferential Statistics
MAT	320	Finite Mathematics
PSY	101	Introduction to Psychology
EDU	410	Integrated Approaches to Teaching Middle Level Math

Social Science/English

COM	300	Communication Theory
ENG	200	English Grammar
LIT	332	Major American Writers
OR		
LIT	333	African American Literature
RDG	300	Language Development and Early Literacy
RDG	302	Literature for Children
MAT	205	Introductory Survey of Mathematics
EDU	407	Integrated Approaches to Teaching Middle Level Language Arts/Reading

Social Science/Science

MAT	101	College Math I
MAT	200	Pre-Calculus
SCI	305	Earth and Space Science with Lab
SCI	312	Physics (4 credits)
SCI	315	Applied Chemistry with Lab
EDU	409	Integrated Approaches to Teaching Middle Level Science

Health Professions

College of Health Professions Philosophy

This philosophy provides direction for education within the College of Health Professions in congruence with the mission and goals of Wilmington University.

Healthcare professionals are adult learners with diverse backgrounds, abilities, and experiences. Adult learning evolves from exploration of personal values, exposure to new experiences and ideas, and adaptation to change within the professions and the healthcare system.

The curriculum at Wilmington University emphasizes the commitment to lifelong learning. In order to promote lifelong learning, we believe that programs must be innovative and viewed by the learner as relevant to healthcare practice. In addition, we believe knowledge is best obtained when the learner actively participates in a "humanistic" educational process where faculty collaborate with the student to set goals, plan learning experiences and evaluate achievement. In addition, faculty serve as professional role models, facilitators of learning, and resource persons.

The College of Health Professions faculty acknowledge accountability to the learner, the institution, the profession, and the community of interest through continuous, proactive development of their body of knowledge. This accountability fosters relevant curricula and professional and community involvement as scholar-practitioners.

The philosophy may be read in its entirety on The College of Health Professions home page at www.wilmu.edu/nursing/philosophy.aspx.

Goals

Allied Health Program:

1. Prepares allied health professionals to function as managers or educators.
2. Facilitates career mobility for allied health professionals prepared at the associate degree level.
3. Provides a solid foundation for graduate study.
4. Promotes a broadened perspective of the allied health professional role in relation to the health care system and our global community.
5. Promotes lifelong learning.

BSN Program:

1. Prepares graduates to function in the professional nursing role as a generalist in a variety of settings.
2. Facilitates career mobility for nurses educated at the diploma or associate degree levels.
3. Provides a sound foundation for graduate study.
4. Promotes life-long learning.

Sigma Theta Tau International Honor Society of Nursing/ Omicron Gamma Chapter

Sigma Theta Tau International, the Honor Society of Nursing, is an organization that fosters scholarship in nursing. It is dedicated to improving the health of people worldwide by increasing the scientific base of nursing practice.

Wilmington University College of Health Professions' chapter, Omicron Gamma, received its charter in March, 1998. By invitation, Omicron Gamma annually inducts nursing students and community members who exhibit commitment to nursing excellence as scholars, leaders, practitioners, and innovators. The induction pledge emphasizes commitment to honor, community, service, and knowledge to perpetuate professional ideals.

Program Accreditation

Commission on Collegiate Nursing Education

The BSN and MSN programs hold approval from the Commission on Collegiate Nursing Education (CCNE), an agency approved to accredit baccalaureate and master's nursing programs. The first site visit for the programs at Wilmington University was completed in spring 2001. Full accreditation for 10 years was granted in fall 2001.

CCNE

One DuPont Circle, NW, Suite 530
Washington, DC 20036-1120

Pre-RN Option
(General Studies Major)

Purpose

The Pre-RN Option is aimed exclusively at eligible second level associate degree nursing students who are waiting for clinical placement at their home institutions. This option will allow nursing students to earn credits toward their BSN on a part-time basis before completing their Associate Degree in Nursing at the partner institution. The Pre-RN course of study is initially denoted as a General Study major so students benefitting from Financial Aid remain in a degree-seeking program.

The Pre-RN option includes specific upper division core courses and HLT electives that include high profile contemporary topics. The Pre-RN students will enjoy the benefits of socialization and mentoring opportunities while taking courses with RN to BSN students.

Program of Study

Pre-RN students must complete any lower level core requirements at Wilmington University and then may take the following courses:

HLT   Elective (3 credits)
ALH 323   Health Professional as Teacher (3 credits)
ENG 365   Academic Writing (3 credits)
MAT 308   Inferential Statistics (3 credits)

Humanities upper-level electives (9 credits)

Choose from the following: PHI, HUM, ART, DRA, LIT, MUS, Foreign Language, COM 322, ENG 360

RN to BSN

Bachelor of Science in Nursing

Purpose

Registered nurses who have completed basic nursing education with either a nursing diploma or an associate degree have the opportunity to continue their education at Wilmington University and earn a Bachelor of Science in Nursing (BSN) degree. The purpose of the program is to increase knowledge and skills as well as to provide opportunities to explore attitudes and values related to professional nursing practice.

Program of Study

The BSN degree program is progressive and designed for today's registered nurse. It promotes increased clinical and communication skills, problem solving, confidence, and leadership. The course of study utilizes a variety of health care institutions to provide clinical practicum experiences that complement classroom study. The program is offered at the New Castle, DE campus and the Georgetown, Dover, and Cumberland, NJ sites. Additionally, the RN to BSN program is available entirely online. Students should be comfortable with the distance learning format and are required to take the DIS 095 prerequisite. Nurses can pursue their education on a part-time or full-time basis. In addition, the General Education requirements courses, required of all Wilmington University undergraduates, provide a well-rounded academic foundation.

Career Opportunities

Upon completion of the program, students are prepared to practice as generalists, caring for clients with complex health needs in both structured and unstructured health care settings. The curriculum provides a foundation for graduate education and for career mobility.

Accreditation

The BSN and MSN programs hold approval from the Commission on Collegiate Nursing Education, an agency approved to accredit baccalaureate and master's nursing programs. The first site visit for the programs at Wilmington University was completed in spring 2001. Full accreditation for 10 years was granted in fall 2001.

Commission on Collegiate Nursing Education
One DuPont Circle, NW, Suite 530
Washington, DC 20036-1120
Phone: 202-887-8476

Curriculum

The number of transfer credits granted to entering RN students varies depending on basic nursing preparation. Therefore, a single plan of study cannot be prescribed. Students are encouraged to discuss their plan with their academic advisor or with nursing faculty members at their site.

Program Competencies

At the completion of the BSN program, graduating students will:

1. Use critical thinking as a basis for identifying health-related needs of individuals, families, and communities.

2. Synthesize knowledge from the humanities and physical, behavioral, and nursing sciences to provide nursing care to clients across the life span in a variety of health care settings.

3. Incorporate theoretical perspectives into nursing practice.

4. Demonstrate skill and commitment in the role of teacher.

5. Apply research findings to nursing practice.

6. Provide leadership for the continuing development of the nursing profession.

7. Integrate ethical, legal, and economic accountability into professional nursing practice.

8. Participate in designing nursing roles to meet societal and community health care needs.

9. Demonstrate commitment to self-directed, lifelong learning to promote personal and professional development.

10. Demonstrate effective oral and written communication.

11. Access, use, and evaluate information effectively and appropriately. Use technology to effectively locate and communicate information.

Nursing Admission

General Requirements

Students are admitted to the University and to the College of Health Professions without regard to race, age, creed, sex, or national origin. Registered nurses are considered transfer students to Wilmington University and are required to submit an official transcript from their school of nursing and all colleges attended. Transcripts should be sent directly from the previously attended institution to the Office of Admissions. Additional lower-level academic credits can be earned through CLEP examinations for a variety of general education courses and through achievement tests for microbiology and anatomy/physiology.

Program Policies

1. Registered nurse applicants should list their RN license number and expiration date on the Wilmington University application form.

2. Students are required by state law to complete the Wilmington University Health History form, which includes a record of immunizations. This documentation is required before students can enroll in any NUR course.

3. Students are responsible for following all College of Health Professions policies and procedures, which are distributed in NUR 303.

4. The College of Health Professions sets a required minimum grade of "C-" for all nursing core courses.

5. Students are required to submit the appropriate documentation prior to the start of clinical courses.

6. All nursing students are required to complete a background check and drug screening. Details are provided in the program handbook available through the BSN Student Blackboard site.

Curriculum

Lower Division Requirements
(For Students without an Associate Degree)

General Education Requirements   (24 credits)

BCS	206	Computer Applications for Business
ECO	105	Fundamentals of Economics
ENG	101	English Composition I
ENG	102	English Composition II
ENG	111	Advanced Communication Skills
PSY	101	Introduction to Psychology
PSY	204	Life Span Development
SOC	101	Introduction to Sociology

Natural Sciences   (12 credits)

A minimum of 12 credits in anatomy and physiology, microbiology, and chemistry must be earned through course work, transfer credit, or testing (available for anatomy/physiology and microbiology).

Upper Division Requirements
(Required for all BSN majors)

Upper Division Nursing Core   (31 credits)

NUR	303	Nurse as Professional (4 credits)
NUR	313	Nurse as Decision Maker
NUR	323	Nurse as Teacher
NUR	333	Nurse as Leader*
NUR	343	Nurse as Consumer of Research
NUR	363	Nurse as Caregiver: Chronic and Palliative Care
NUR	413	Holistic Health Assessment
NUR	423	Global Health Care
NUR	433	Global Health Care Practicum*

* Includes clinical or laboratory experiences

NUR or HLT elective   (3 credits)

General Education Requirements   (15 credits)

ENG	365	Academic Writing
MAT	308	Inferential Statistics

Humanities upper level electives   (9 credits)

Choose from the following:

PHI, HUM, ART, DRA, LIT, MUS, Foreign Language, COM 322, ENG 360

Free Electives

Choose free electives to complete degree requirements of 120 credit hours.

Program of Study

Students are urged to seek advisement in planning course sequence. The program of study will vary depending on transfer credits, part-time or full-time status and credit earned in alternative ways.

BSN/ MSN Accelerated Option

The purpose of this option is to offer eligible BSN students the opportunity to take up to four (4) selected MSN courses in lieu of undergraduate courses. A BSN degree is earned at the completion of 120 credits. Courses taken at the graduate level will fulfill requirements for both programs.

Eligibility criteria for this option include: (a) 90 completed undergraduate credits, (b) completion of all lower level courses, (c) completion of NUR 303 or NUR 305, (d) completion of statistics, and (e) a GPA of 3.5. Recommendation of an undergraduate faculty member is also required. Students are advised to see the academic advisor for nursing early in the program to plan for this option.

RN to BSN Pathway
for Registered Nurses with a Bachelor's degree in another field

Bachelor of Science in Nursing

The RN to BSN Pathway Program is an accelerated degree-completion program designed for registered nurses who have a Bachelors' degree in another field. This program has been developed to meet the educational needs of students with registered nurse licensure, work experience, and a Bachelor's degree in another field who are returning to college to complete a BSN degree.

The program allows for the transfer of a maximum of 89 credits. To graduate, students must earn a total of 120 credits. The 31 credit nursing core will fulfill residency requirements at Wilmington University.

Curriculum

Pre-requisites:
Registered Nurse with a Bachelor's degree in another field

General Education Requirements	**(39 credits)**

 (Including a 3-credit Statistics course)

Natural Sciences	**(12 credits)**

 (will require as pre-requisite if not taken as part of prior degree)

*A minimum of 12 credits in anatomy & physiology, microbiology, and chemistry, must be earned through coursework, transfer credits, or testing (available for anatomy/physiology and microbiology).

Free Electives	**(8 credits)**
Total transfer credits possible:	**(89 credits)**
Upper Division Requirements	**(31 credits)**

NUR	303	Nurse as Professional (4 credits)
NUR	313	Nurse as Decision Maker
NUR	323	Nurse as Teacher
NUR	333	Nurse as Leader
NUR	343	Nurse as Consumer of Research
NUR	363	Nurse as Caregiver: Chronic & Palliative Care
NUR	413	Holistic Health Assessment
NUR	423	Global Health Care
NUR	433	Global Health Care: Practicum

Nursing or HLT Elective	**(3 credits)**
Total minimum number of credits at Wilmington University	**(31 credits)**

BSN to MSN Accelerated Option
for BSN Pathway students

Bachelor of Science in Nursing

The purpose of this option is to offer eligible BSN Pathway students the opportunity to take up to *five selected MSN courses in lieu of undergraduate courses. Transfer credits remain the same as for the RN to BSN Pathway Bachelor of Science in Nursing program. A BSN degree is earned upon completion of the 31 credit core, consisting of the courses listed below. Courses taken at the graduate level fulfill requirements for both programs. Students will earn their MSN once all remaining courses are completed in the Graduate Program.

Eligibility criteria for this option includes: (a) RN with a Bachelor's degree in another field, (b) completion of NUR 303 or NUR 305

BSN to MSN Accelerated Option for BSN Pathway Students

NUR	303	Nurse as Professional
MSN	6645	Bioethics in Nursing Practice*, or NUR 313 Nurse as Decision Maker
MSN	6500	Leadership for Advanced Nursing Practice*, or NUR 333 Nurse as Leader
MSN	6606	Research in Nursing Practice
NUR	363	Nurse as Caregiver
MSN	7750	Teaching and Learning in Nursing
NUR	413	Holistic Health Assessment
NUR	423	Global Health Care
NUR	433	Global Health Care Practicum
MSN elective		(as needed)

*The selected MSN concentration (Nursing Leadership versus Nurse Practitioner) assists in determining the graduate courses that can be completed in lieu of undergraduate courses

Hispanic Cultural Certificate

Purpose

Registered nurses who have completed basic nursing education with either a nursing diploma or an associate degree have the opportunity to earn a Hispanic Cultural Certificate. The census statistics in the tri-state area show a dramatic increase in the Hispanic population. Nurses are an integral part of the community. The Hispanic population has health needs that cannot be addressed adequately due to language and cultural barriers. These language and cultural barriers can impede access to health care, thereby increasing the risk for health problems.

Program of Study

The Hispanic Cultural Certificate will consist of 18 undergraduate credits. The track of study will culminate in a Hispanic Cultural Immersion. Students will be required to practice in a community health setting that exists to meet the needs of the Hispanic population. This track will educate school nurses, nurses in physicians' offices, and any other nurse who encounters a Hispanic population in their practice.

Career Opportunities

Multiple career opportunities exist for nurses who have knowledge of Hispanic culture and language in a variety of health care settings.

Program Competencies

Through the completion of the Hispanic Cultural Certificate, the graduates will:

1. Analyze family and personal health data from Hispanic individuals, families, and communities in their own language.
2. Identify health and social needs of Hispanic communities in the tri-state area.
3. Implement health care, education, and counseling to Hispanic individuals, families, and communities.
4. Design culturally-appropriate health and social services for the Hispanic population.
5. Promote the art of nursing by valuing the unique aspects of the Hispanic culture while providing culturally competent health care.

Up to six (6) transfer credits will be accepted for the Hispanic Cultural Certificate.

General Requirements

The program is open to all RNs. Each prospective student must submit the following:

1. An undergraduate application for admission accompanied by a non-refundable admission fee.
2. Their RN license number and expiration date listed on their application for admission.
3. Documentation of graduation from either a diploma or associate degree nursing program.
4. A Wilmington University Health History form documenting required immunizations.
5. All nursing students are required to complete a background check and drug screening. Details are provided in the program handbook.

Curriculum for Hispanic Cultural Certificate

HLT	371	Cultural Diversity in Health and Illness
HUM	340	Spanish Culture and Enrichment
NUR	327	Hispanic Cultural Immersion*
SPA	301	Practical Spanish I
SPA	302	Practical Spanish II
SPA	305	Spanish for Health Care Personnel

*Includes clinical or laboratory experience

Total credits for the Hispanic Cultural Certificate - 18

Of note: This curriculum is specifically designed for registered nurses interested in earning a certificate only. Degree-seeking students in the RN-BSN program with an interest in Hispanic Culture are advised to consult with the academic advisor for nursing in order to plan a curriculum incorporating the Hispanic community and culture.

Post–Baccalaureate Legal Nurse Consultant Certificate

Purpose

Registered nurses who have completed a Bachelor's of Science in Nursing degree have the opportunity to earn a Post-Baccalaureate Legal Nurse Consulting Certificate. The Legal Nurse Consultant (LNC) role is a functional specialty practice of nursing. Legal nurse consultants use critical thinking and expert knowledge of health care systems and professions to assess health care practice standards applicable to nursing.

Program of Study

The Post-Baccalaureate Legal Nurse Certificate consists of eighteen (18) graduate credits. The track of study culminates in a required six-credit field practicum. All LNC courses are offered through distance education only. Students should be comfortable with the distance learning format and are required to take the DIS 095 prerequisite.

Certificate Program Competencies

Through the completion of the Post-Baccalaureate LNC Certificate, the graduates will:

1. Implement knowledge of the medical and legal system to meet the needs of their clients and society.

2. Negotiate an appropriate professional role within the dynamic legal system.

3. Promote the art of nursing by valuing the unique relationships among people, which create meaning and preserve human dignity.

Up to six (6) transfer credits will be accepted for the Post-Baccalaureate LNC Certificate.

Curriculum for Post-Baccalaureate Legal Nurse Consultant Certificate

MSN 6645   Bioethics in Nursing Practice
MSN 7310   Legal Issues in Nursing Practice
MSN 7320   Practices in the Realm of Nursing and the Law
MSN 7330   Entrepreneurship for Nurses
MSN 7340   LNC Field Practicum
MSN 7350   Forensic Nursing: Clinical and Legal Applications
Total credits for the Post-Baccalaureate LNC Certificate - 18

Degree Completion Program for Allied Health

BACHELOR OF SCIENCE IN ALLIED HEALTH

Purpose

This degree completion program is for allied health practitioners who have earned an associate's degree with an allied health concentration. Allied health practitioners are generally prepared in associate degree programs. However, to advance to leadership positions in their areas of expertise, a baccalaureate degree is often required. Many baccalaureate programs do not recognize the specialized preparation of allied health practitioners, and the credits they have earned in their specialty often are not transferable to other institutions. At Wilmington University, up to 75 credits can be applied towards the baccalaureate degree. The purpose of this program is to assist allied health practitioners to advance in their relative disciplines by preparing them for advanced roles in allied health.

Program of Study

The allied health degree completion program builds on prior learning and provides students with the knowledge and skills needed to advance in their chosen field. This program promotes increased communication skills, problem solving, confidence, and leadership, as well as specialized knowledge in management and education. The program is offered at the New Castle, Dover, and Georgetown sites and online. Allied health practitioners can pursue their education on a part-time or full-time basis.

Career Opportunities

Upon completion of the program, students are prepared to practice as leaders in their discipline, in a variety of roles. The curriculum provides a foundation for graduate education and for career mobility.

Curriculum

The number of transfer credits granted to entering allied health students varies depending on preparation at the associate degree level. Therefore, a single plan of study cannot be prescribed. Students are encouraged to discuss their plan with an academic advisor or with the program coordinator.

Program Competencies

It is intended that undergraduate students in allied health completion programs will achieve the following competencies:

1. Exercise critical thinking strategies including reasoning, problem solving, and evaluation, and apply them appropriately to issues within the allied health profession.

2. Demonstrate advanced oral and written communication skills.

3. Apply legal and ethical principles to guide professional behaviors and decision-making.

4. Information Literacy: Access, use, and evaluate information effectively and appropriately. Use technology to effectively locate and communicate information.

5. Exhibit flexible thinking and goal-directed behaviors.

6. Demonstrate an understanding of basic economic principles.

7. Describe how past and current world events influence contemporary society.

8. Apply knowledge and skills in the area of management and education for the allied health professions.

ALLIED HEALTH ADMISSION

General Requirements

Students are admitted to the University without regard to race, age, creed, sex, or national origin. Allied health students are considered transfer students to Wilmington University and are required to submit an official transcript from all colleges attended. Transcripts must reflect completion of an associate degree program with an allied health concentration in order to be admitted into this program. Transcripts should be sent directly from the previously attended institutions to the Office of Admissions.

Program Policies

1. Students must have completed an associate degree program with an allied health concentration prior to admission.

2. For those allied health professions requiring licensure/certification, applicants should submit their license/certification number on the application form.

3. Students are required by state law to submit the Wilmington University Health History Form, which includes a record of immunization.

4. The College of Health Professions requires a minimum grade of "C-" for all allied health core courses.

5. Students are required to submit appropriate documentation for clinical courses.

6. All College of Health Professions students are required to complete a background check and drug screen through our approved provider, Verified Credentials. Details are available at all sites and through the program coordinator.

CURRICULUM

General Education Requirements—Lower Division

Allied health degree completion students can transfer up to 75 credits towards lower division general education requirements. If additional courses are needed to meet the 120 credit requirement for graduation, the following courses will be added as follows:

ECO 105   Fundamentals of Economics
MAT 101   College Math I
ENG 111   Advanced Communication Skills
BCS 206   Computer Applications for Business

Students should see an Academic Advisor for assistance with course selection.

General Education Requirements—Upper Division

Allied health degree completion students are required to take the following General Education upper division courses to meet the Wilmington University 45 credit requirement for residency and upper level course work:

HUM 360   Human World Views: 3500 BCE-1650 AD
HUM 361   Human World Views: 1650 AD - present
ENG 365   Academic Writing
Upper Level HUM elective
Upper Level Elective

Allied Health Core—
Lower Division   (30 credits minimum)

Lower division allied health course work equivalent to a minimum of 30 credits is transferred from the associate degree program.

Allied Health Core—
Upper Division   (30 credits)

ALH 323   Health Professional as Teacher
ALH 333   Leadership for Allied Health Professionals
ALH 402   Medical Law and Ethics
BBM 201   Principles of Management
BBM 301   Organizational Behavior
HRM 311   Human Resource Management
BBM 320   Business Communications
MIS 320   Management Information Systems
ALH 401   Allied Health Professional Capstone
HLT 371   Cultural Diversity in Health & Illness

Free Electives
Choose from free electives to complete degree requirement of 120 credit hours.

Program of Study
Students are urged to meet regularly with an academic advisor to plan their course sequence. The program of study will vary depending on transfer credits, part-time or full-time status, and credit earned in alternative ways.

COLLEGE OF

Social and Behavioral Sciences

Bachelor of Science

Behavioral Science
Criminal Justice
Organizational Dynamics
Psychology

Certificates

Criminal Justice

Mission Integration Statement

The essential values of the College of Social and Behavioral Sciences are: personal worth, human dignity, social justice, integrity, intellectual curiosity and academic freedom.

Within this value structure we provide quality education, professional guidance and opportunities to achieve an understanding of the Behavioral Sciences. We promote academic integrity, the prevailing codes of professional ethical behavior, and an environment that fosters social justice.

We expect students to participate with faculty in embracing these values, challenge students to make a difference in the lives of others and the world at large, and encourage students to commit themselves to a process of lifelong learning.

Alpha Phi Sigma

Criminal Justice students with a minimum GPA of 3.4 in their criminal justice courses, GPA of 3.4 in their overall course average, and achieving junior status are invited to join the Alpha Phi Sigma Honor Society. Alpha Phi Sigma is the only National Criminal Justice Honor Society recognizing academic excellence of undergraduate students in criminal justice.

Pi Gamma Mu

Behavioral Science, Psychology and Organizational Dynamics students who have completed 20 credits in Behavioral Sciences at Wilmington University with a GPA of 3.4 or better in their major and an overall GPA of 3.4 or better, must be in the upper 35% of their class, may not have had any academic failure in any of the following academic disciplines: Behavioral Science, Psychology, Organizational Dynamics and must participate in one of Pi Gamma Mu's service projects are invited to join the Pi Gamma Mu Honor Society. The mission of Pi Gamma Mu is to encourage and promote excellence in the social sciences and to uphold the ideals of scholarship and service.

Behavioral Science

Bachelor of Science

Purpose

The purpose of the Bachelor of Science degree program in Behavioral Science is to prepare students to enter and advance in careers within the human services. These jobs are found in various settings, including community mental health centers, social agencies, business, and government. Upon completion of the program, some students may also consider graduate study in social work, counseling, criminology, psychology, or sociology.

Program of Study

The program includes courses in psychology, sociology, and anthropology. Course work emphasizes normal and abnormal individual development, as well as family, group, and cultural dimensions of behavior. Ethical and professional issues are also addressed. Skill development in interpersonal relations, problem solving, and evaluation of programs and research is stressed. In addition, General Education courses required of all Wilmington University undergraduates provide a well-rounded academic foundation.

Classroom courses provide a blend of theory and application. Students also have the option to explore internship opportunities throughout the community in a variety of settings which provide experiences in applying knowledge and skills. The program is offered statewide, with day and evening classes offered at New Castle, Dover, and Georgetown.

Program Competencies

Knowledge:

Demonstrate the ability to define and explain theory and application within the Behavioral Science disciplines with regard to:

1. Change and development at individual, group, and societal levels.
2. Individual differences, group variations, and social deviance.
3. Micro- and macro-level processes involving individuals, groups and societies.
4. Empirical and ethical issues related to the systematic study of individual, group and societal processes.

Skills: Related to the Behavioral Science Disciplines

5. Demonstrate effective oral and written presentation skills.

6. Demonstrate effective critical thinking and problem solving skills.
7. Demonstrate the ability to conceptualize, plan, implement, analyze, and report formal inquiry in the behavioral sciences.
8. Demonstrate effective utilization of current technologies.
9. Demonstrate the ability, skills and flexible thinking necessary to explore the various applications of behavioral science in the real world, including career options.

Personal and Professional Development

10. Demonstrate an awareness of one's strengths and limitations, interests, aptitudes, values, goals, commitment to self-directedness, self-discipline, and planning for present and lifelong learning, career identification, and development.
11. Demonstrate an awareness of self in relation to others, including effective interpersonal communication skills, ability to work in teams, and respect for diversity and multiculturalism in a pluralistic society.
12. Demonstrate an awareness and respect for diversity and multiculturalism in a pluralistic society.

Wilmington University Beta Chapter of Pi Gamma Mu International Behavioral Science Honor Society

Pi Gamma Mu Delaware Beta Chapter is an International Honor Society for students majoring in Behavioral Science, Organizational Dynamics, and Psychology. Students must meet eligibility criteria and be willing to attend the induction ceremony as well as participate in service projects. Eligibility membership letters are sent out in September of each academic year.

Program Policies

Elective Guidelines

The College of Social and Behavioral Sciences recommends that students who transfer in six or more core courses and all 18 credits of core electives use any remaining electives to increase their subject knowledge by taking upper level electives in their field. These will include the interdisciplinary electives identified from the other academic colleges.

Minimum Grade Policy

The Behavioral Science program has set a minimum passing grade of "C-" for program core courses. Students receiving a grade lower than "C-" in any required core course must retake that course.

Curriculum

General Education Requirements   (40 credits)

BCS	205	PC Operations I
ECO	105	Fundamentals of Economics
ENG	101	English Composition I
ENG	102	English Composition II
ENG	111	Advanced Communication Skills
HUM	360	Human World Views: 3500 BCE–1650 AD
HUM	361	Human World Views: 1650 AD–Present
MAT	205	Introductory Survey of Mathematics
PSY	101	Introduction to Psychology
SOC	101	Introduction to Sociology
SCI	335	Human Anatomy and Physiology

Humanities Electives   (6 credits)

Choose two courses from the following:
ART, DRA, HUM, LIT, MUS, PHI, Foreign Language, COM 245, COM 322, DSN 110, ENG 360, HIS 230

Behavioral Science Core   (45 credits)

MAT	308	Inferential Statistics
PHI	302	Ethics and Values in Behavioral Science
PSY	204	Life Span Development
PSY	300	Theories of Personality
PSY	305	Abnormal Psychology
PSY	309	Interpersonal Communication Skills
PSY	315	Group Dynamics
SOC	201	Cultural Anthropology
SOC	302	Marriage and Family
SOC	304	Ethnic Groups and Minorities
SOC	318	Social Change
SOC	331	Research, Writing and Information Literacy in the Behavioral Sciences
SOC	340	Applied Research Design
PSY	408	Seminar in Behavioral Science

Choose a course from the following:

PSY	406	Tests and Measurements
SOC	490	Internship in Behavioral Science

Behavioral Science Electives   (18 credits)

Courses beginning with the prefix CRJ, PSY, ORG, or SOC may be used as Behavioral Science electives.

NOTE: Guided Practicum (PSY 290-291) as well as Internship (SOC 490) experiences are available.

Free Electives   (18 credits)

Behavioral Science Suggested Program Sequence

Freshman

1st Semester	2nd Semester
BCS 205	ENG 102
ENG 101	PSY 204
PSY 101	SOC 201
SOC 101	MAT 205
Free Elective	Humanities Elective

Sophomore

1st Semester	2nd Semester
ENG 111	MAT 308
ECO 105	SCI 335
PSY 300	SOC 331
PSY 309	SOC 302
Humanities Elective	Free Elective

Junior

1st Semester	2nd Semester
HUM 360	HUM 361
Free Elective	PSY 315
PSY 305	SOC 304
SOC 340	SOC 318
Behavioral Science Elective	Behavioral Science Elective

Senior

1st Semester	2nd Semester
PHI 302	PSY 408
PSY 406 or SOC 490	Behavioral Science Elective
Behavioral Science Elective	Behavioral Science Elective
Free Elective	Behavioral Science Elective
Free Elective	Free Elective

Criminal Justice

BACHELOR OF SCIENCE

Purpose

The purpose of the Bachelor of Science degree in Criminal Justice is to prepare students to enter or advance in jobs within the criminal justice system, including law enforcement, corrections, and the courts. Upon completion of the undergraduate program, some students may also consider graduate study in law or criminology (sociology). A certificate program in criminal justice is also available.

Program of Study
Criminal Justice for the 21st Century

The Criminal Justice program is dedicated to providing the theoretical, practical, and professional knowledge needed in today's environment to be successful in the fields of law enforcement, corrections, courts, probation, parole, private security, and the related service careers. Emphasis is placed upon preparing students to enter the professional workplace, grow in their current position, or continue studies in graduate school. The curriculum is designed to provide students with expert instruction on the most current trends, policies, and practices in the field. The goal is to prepare students to become scholarly practitioners in their chosen profession. Further, the General Education Requirements courses, required of all Wilmington University undergraduates, provide a well-rounded academic foundation.

This is not a "one size fits all" major, but one that provides variety in the course selection to encourage each individual student to build a personal program for the future with the assistance of an academic advisor.

Students have "out of class" opportunities through membership in the Criminal Justice Association to experience site visits to a variety of criminal justice agencies and meet with practitioners in the field. Internships provide students with an insider's view of the many facets of the criminal justice field under the guidance of a full-time faculty member. The major also offers a summer study abroad program that awards credit for the opportunity to study criminal justice systems of other countries. The program is offered statewide, with day and evening classes in New Castle, and evening classes in Dover and Georgetown, Delaware, and in New Jersey at the Burlington County College and Cumberland County College campuses.

Program Competencies

1. Exercise critical thinking strategies, including reasoning, problem solving, analysis, and evaluation in criminal justice settings.

2. Exhibit flexible thinking and goal-directed behaviors in criminal justice course projects.

3. Demonstrate effective oral and written communication skills.

4. Demonstrate skill in the use and the application of technology in criminal justice settings.

5. Demonstrate an understanding of basic mathematics and statistics by applying criminal justice research findings to criminal justice practice.

6. Incorporate theoretical perspectives into criminal justice practice.

7. Demonstrate an awareness of ethical principles, codes, and standards within the criminal justice field and integrate ethical, legal, and economic accountability into professional criminal justice practice.

8. Demonstrate a commitment to self-directedness, self-discipline, and lifelong learning through examinations of criminal justice career paths.

9. Recognize the principles associated with a pluralistic society in a variety of criminal justice settings as they uniquely apply to practitioners, victims, and offenders and show respect for our multicultural world.

10. Recognize an awareness of self in relationship to others in team efforts that demonstrate flexible thinking and goal-directed behavior in the resolution of criminal justice issues.

Wilmington University Eta Beta Chapter of Alpha Phi Sigma National Criminal Justice Honor Society

The academic qualifications for membership into the Eta Beta Chapter of the Alpha Phi Sigma National Criminal Justice Honor Society are as follows:

A minimum 3.40 overall academic grade point average is required along with a corresponding 3.40 grade point average in all criminal justice courses for the undergraduate students in the Bachelor of Science in Criminal Justice program. The undergraduate applicants must have achieved junior status and, if they are transferring in from another college, they must have completed at least 15 credits in criminal justice at Wilmington University.

The graduate students must have completed a minimum of 27 credits in the Master of Science in the Administration of Justice graduate program and they must have attained a 3.75 GPA to apply for membership.

It should be noted that the Alpha Phi Sigma National Criminal Justice Honor Society standards are 3.20 for undergraduates and 3.60 for graduate students. The Eta Beta Chapter here at Wilmington University has established clearly higher standards than those required by the national office demonstrating the high caliber of students the excellence in the criminal justice programs at Wilmington University.

The eight members inducted at this year's Induction Banquet on March 6th brought the number of Wilmington University students and alumni belonging to the Eta Beta Chapter to 86 since its inception in 2005.

Curriculum

General Education Requirements (39 credits)

BCS	205	PC Operations I
ECO	105	Fundamentals of Economics
ENG	101	English Composition I
ENG	102	English Composition II
ENG	111	Advanced Communication Skills
HUM	360	Human World Views: 3500 BCE–1650 AD
HUM	361	Human World Views: 1650 AD–Present
MAT	205	Introductory Survey of Mathematics
PSY	101	Introduction to Psychology
SOC	101	Introduction to Sociology

Humanities Electives (6 credits)

Choose two courses from the following:
ART, DRA, HUM, LIT, MUS, PHI, Foreign Language, COM 245, COM 322, DSN 110, ENG 360, HIS 230

Natural Science Elective

Criminal Justice Core (45 credits)

All criminal justice core courses have the prerequisites of CRJ 101 and CRJ 205 unless otherwise stated. Non-criminal justice majors who wish to take a course as a free elective should contact the Program Coordinator for a waiver.

CRJ	101	Survey of Criminal Justice
CRJ	205	Principles of Criminology
CRJ	206	Corrections and Rehabilitation
CRJ	301	Juvenile Justice
CRJ	303	Administration of Criminal Justice Organizations
CRJ	304	Constitutional Law
CRJ	316	Criminal Law
CRJ	318	Criminal Investigation
CRJ	341	Community Corrections
CRJ	350	Computer Operations in Criminal Justice
CRJ	410	Multicultural Issues in Criminal Justice
CRJ	411	Criminal Evidence and Procedures
CRJ	412	Ethics in Criminal Justice
CRJ	413	Research Methods in Criminal Justice
CRJ	450	Seminar in Criminal Justice

Criminal Justice Electives (18 credits)

Courses beginning with the prefix CRJ, PSY, or SOC may be used as criminal justice electives.

Free Electives (18 credits)

Criminal Justice Suggested Program Sequence

Freshman

1st Semester	2nd Semester
BCS 205	CRJ 205
CRJ 101	ENG 102
ENG 101	MAT 205
PSY 101	Humanities Elective
SOC 101	Natural Science Elective

Sophomore

1st Semester	2nd Semester
CRJ 304	CRJ 316
CRJ 206	CRJ 318
ENG 111	CRJ 350
Free Elective	ECO 105
Humanities Elective	Core Elective*

Junior

1st Semester	2nd Semester
CRJ 303	CRJ 301
CRJ 412	CRJ 341
HUM 360	CRJ 410
Core Elective*	HUM 361
Free Elective	Core Elective*

Senior

1st Semester	2nd Semester
CRJ 411	CRJ 450
CRJ 413	Core Elective*
Core Elective*	Free Elective
Core Elective*	Free Elective
Free Elective	Free Elective

* Core electives are courses that begin with the prefix of CRJ, PSY, or SOC.

Criminal Justice Certificate Program

Students may begin their education with a certificate in Criminal Justice. The program offers the busy professional a certificate concentrating on the core courses in the Criminal Justice Bachelor of Science degree. Upon completion, the student can continue immediately into the bachelor's degree program. Students with transfer credit should meet with an Academic Advisor to determine what courses may transfer into the CJ certificate program.

Certificate in Criminal Justice   **(30 credits)**

Certificate Core Courses   **(21 credits)**

BCS	205	Personal Computer Operations I
CRJ	101	Survey of Criminal Justice
CRJ	205	Principles of Criminology
ENG	101	English Composition I
ENG	102	English Composition II
PSY	101	Introduction to Psychology
SOC	101	Introduction to Sociology

Criminal Justice Electives   **(6 credits)**
Two courses with the CRJ prefix

Free Electives   **(3 credits)**

Organizational Dynamics

Bachelor of Science

Purpose

The purpose of the Bachelor of Science degree in Organizational Dynamics is to prepare students to enter the job market or advance in current employment with the theoretical, practical, and professional knowledge needed for leading and operating in the modern workplace. The Bachelor of Science degree in Organizational Dynamics further provides students with the skills, knowledge, and abilities in the social and psychological elements of organizational behavior that are needed to facilitate growth and change. The focus on the non-profit, governmental, public agency sector and corporate workplace meets the growing need within the workplace environment to enhance the understanding of people and organizations in changing times.

Program of Study

The Organizational Dynamics program offers a curriculum that is designed to provide students with the most current knowledge in the social and psychological aspects of leadership, motivation, group decision making, supervision, management and related skills that impact the dynamics of the organizational structure as it relates to performance and productivity. This is not a "one size fits all" program, but one that provides variety in the course selection to encourage each student to build a personal program for the future with the assistance of an academic advisor.

The core of the program consists of 36 credits of course work that includes a balance of theory, practice, and research in the field. Other courses in the major can be taken as electives. Courses are primarily taught in hybrid course format, with choice courses taught online. Hybrid classes alternate between face-to-face and online sessions for seven weeks. This program is highly recommended for the busy working adult who wants to complete their degree and grow professionally.

Hybrid courses join the best features of in-class teaching with the best features of online learning to create an active, independent learning environment and reduce class seat time. Hybrid courses are courses in which time traditionally spent in the classroom is reduced and a significant portion of the learning activities have been moved online. Instructors redesign some lecture or lab that is normally taught in the classroom

into online learning activities such as case studies, tutorials, self-testing exercises, simulations, and online group collaborations/discussions. The unique features of online discussion boards used in hybrid courses allow all students to participate and learn from discussions.

Students will be given the opportunity to interact with professionals in the field and each other, to understand the critical relationship between people and organizations, to apply vital social and psychological behavioral skills, to work toward solving organizational problems, and to develop the leadership skills necessary to accomplish their goals within prevailing professional and ethical standards.

Program Competencies

Graduates of the Organizational Dynamics degree program are expected to meet the following competencies through the attainment of the specific course objectives:

1. Exercise effective critical thinking and decision making skills in an organizational environment.

2. Demonstrate an awareness of self in relationship to others, including effective interpersonal communication skills, ability to work in teams, and respect for diversity and multiculturalism in a pluralistic society.

3. Demonstrate effective written and oral communication skills in the organizational setting.

4. Recognize the principles and behaviors associated with effective leadership, motivation, and performance skills in organizational systems.

5. Apply the theoretical view of organizational systems to workplace settings and practice.

6. Demonstrate skills in the use and application of technology and computer-based research in organizational workplace settings.

7. Demonstrate an understanding of the dynamics of organizational behavior, change, and development.

8. Demonstrate the ability to actively engage in research and critically evaluate, synthesize, and analyze information that is necessary in the organizational decision making process.

9. Demonstrate an awareness of ethical principles, codes, and standards within the organizational workplace environment.

10. Demonstrate a commitment to self-directedness, self-discipline, and lifelong learning through examination of workplace career paths.

Curriculum

Prerequisites

In addition to the University admission requirements, the applicant's transcript will be evaluated to ensure the background and experiences are present for successful completion of the program.

All students must complete 30 credit hours to Include SOC 101, PSY 101, ENG 101 and ENG 102 prior to taking Organizational Dynamics courses. Students entering this program will have demonstrated a level of academic maturity and experience in organizational settings that should prepare them to take the upper level courses in this program.

General Education Requirements	**(39 credits)**
Computer Operations	**(3 credits)**
English	**(9 credits)**
Humanities	**(12 credits)**
Math	**(3 credits)**
Natural Science	**(3 credits)**
Social Science	**(9 credits)**

Must include SOC 101 and PSY 101

The applicant's transcript must reflect successful completion of these credits prior to entering the accelerated core of the program.

Core Courses **(36 credits)**

These courses must be taken in residence at Wilmington University.

ORG	301	Survey of Organizational Dynamics
ORG	302	Psychology of Leadership
ORG	311	Organizational Behavior, Change and Development
ORG	402	Applied Organizational Research
ORG	408	Culture of the Workplace
ORG	433	Theoretical View of Organizational Systems
ORG	444	Organizational Justice, Ethics, and Social Responsibility
PSY	301	Social Psychology
OR		
PSY	302	Industrial Organizational Psychology
PSY	309	Interpersonal Communication
PSY	315	Group Dynamics
SOC	318	Social Change
SOC	331	Reading, Writing, and Information Literacy in Behavioral Science

Core Electives **(9 credits)**

Core electives can be taken from any course with the prefix of PSY, SOC, CRJ, or ORG.

Free Electives (36 credits)

Free electives can be taken from any of the courses offered in the University catalog.

Total credits (120 credits)

Psychology

Bachelor of Science

Purpose

The Bachelor of Science degree program in Psychology provides a solid, broad-based education for students preparing for a career in the helping professions, organizations, business, or government. Successful students will also be able to continue their formal education at the graduate level.

Program Policies

The program includes courses in the theory and application of psychology and psychological principles. Students will develop an understanding of the following: normal life span development, personality development, abnormal development, prevention, group behavior, cultural variations, research methods and design, and ethical and professional issues. Students will develop specific knowledge and skills that have broad application to many working environments. In addition, knowledge from other disciplines will enhance and broaden the student's perspective and capabilities as a working practitioner.

Overall, the classroom courses provide a blend of theory and application. Students also have the option to explore internship opportunities throughout the community in a wide variety of settings to provide experiences in applying knowledge and skills. In addition, the General Education Requirements courses, required of all Wilmington University undergraduates, provide a well-rounded academic foundation. The program is offered, with day and evening classes, at New Castle, Dover, and Georgetown, Delaware, and in New Jersey at the Burlington County College and Cumberland County College campuses.

Program Competencies

Knowledge:

Demonstrate the ability to define and explain theory and application within the discipline of Psychology with regard to:

1. Change and development at individual and group levels.

2. Individual differences and group variation.

3. Micro- and macro-level processes involving individuals and groups.

4. Empirical and ethical issues related to the systematic study of individual and group processes.

Skills: Related to the discipline of Psychology

5. Demonstrate effective oral and written presentation skills.

6. Demonstrate effective critical thinking and problem solving skills.

7. Demonstrate the ability to conceptualize, plan, implement, analyze, and report formal inquiry in psychology.

8. Demonstrate effective utilization of current technologies.

9. Demonstrate the ability, skills and flexible thinking necessary to explore the various applications of psychology in the real world, including career options.

Personal and Professional Development

10. Demonstrate an awareness of one's strengths and limitations; interests; aptitudes; values; goals; commitment to self-directedness, self-discipline, and planning for present and lifelong learning, career identification, and development.

11. Demonstrate an awareness of self in relation to others, including effective interpersonal communication skills, ability to work in teams, and respect for diversity and multiculturalism in a pluralistic society.

12. Demonstrate an awareness and respect for diversity and multiculturalism in a pluralistic society.

Minimum Grade Policy

The Psychology program has set a minimum passing grade of "C-" for program core courses. Students receiving a grade lower than "C-" in any required course must retake that course.

Curriculum

General Education Requirements   (40 credits)

BCS	205	PC Operations I
ECO	105	Fundamentals of Economics
ENG	101	English Composition I
ENG	102	English Composition II
ENG	111	Advanced Communication Skills
HUM	360	Human World Views: 3500 BCE–1650 AD
HUM	361	Human World Views: 1650 AD–Present
MAT	205	Introductory Survey of Mathematics
PSY	101	Introduction to Psychology
SCI	335	Human Anatomy and Physiology (4 credits)
SOC	101	Introduction to Sociology

Humanities Electives   (6 credits)

Choose 2 courses from the following:
ART, DRA, HUM, LIT, MUS, PHI, Foreign Language, COM 245, COM 322, DSN 110, ENG 360, HIS 230

Common Major Core   (18 credits)

PHI	302	Ethics and Values in Behavioral Science
PSY	315	Group Dynamics
PSY	408	Seminar in Behavioral Science
SOC	304	Ethnic Groups and Minorities
SOC	331	Research, Writing and Information Literacy in the Behavioral Sciences
SOC	340	Applied Research Design

Psychology Major   (24 credits)

MAT	308	Inferential Statistics
PSY	300	Theories of Personality
PSY	301	Social Psychology
PSY	305	Abnormal Psychology
PSY	334	Biological Basis of Behavior
PSY	351	Learning and Cognition
PSY	406	Tests and Measurement

Choose one of the following Developmental courses:

PSY	201	Child Growth and Development
PSY	204	Life Span Development
PSY	331	Middle Childhood Development
PSY	332	Adolescent Development
PSY	407	Adult Development and Aging

Major Electives   (18 credits)

Six courses beginning with the prefix "PSY"

Free Electives   (20 credits)

Please Note: Psychology majors are strongly encouraged to take PSY 490-494 (Internship) as part of their psychology core electives or as free electives. Also, PSY 290-291 (Guided Practicum) is available.

Psychology Suggested Program Sequence

Freshman

1st Semester	2nd Semester
BCS 205	ENG 102
ENG 101	PSY 301
PSY 101	Free Elective
SOC 101	Humanities Elective
Free Elective	MAT 205

Sophomore

1st Semester	2nd Semester
ENG 111	Free Elective
ECO 105	SCI 335
PSY 300	SOC 331
Free Elective	MAT 308
Humanities Elective	Psychology Elective

Junior

1st Semester

HUM 360

Developmental

Psychology Elective

PSY 305

PSY 334

Psychology Elective

2nd Semester

HUM 361

PSY 315

PSY 351

SOC 304

SOC 340

Senior

1st Semester

PHI 302

PSY 406

Psychology Elective

Free Elective

Free Elective

2nd Semester

PSY 408

Free Elective

Free Elective

Psychology Elective

Psychology Elective

COLLEGE OF

Technology

Associate of Science
Media Art, Design and Technology

Bachelor of Science

Computer and Network Security
Game Design and Development
Information Systems Management
Media Design
Studio Production
Web Information Systems

Minors

Drama
Media Design
   Multimedia Production
   Photography
   Digital Publishing
Studio Production
   Broadcast & Electronic Journalism
   Digital Film
   Television and Video

Overview

Programs in the College of Technology have been developed for those students wishing to work in information technology fields, cyber security, studio production and multimedia design. Design-related careers include, among others, the areas of Game Design and Development, 3-D animation, marketing, photography and graphic design. Studio and digital production encompasses careers in television and video production, print and broadcast journalism and videography and non-linear editing. Information technology networks reflect a global presence throughout all of the nation's IT enterprise systems as people are now connected to a network whether at work or home through any of the many types of end user devices. Information Technology related careers include Project Leader/Manager, Web Application Developer, Systems Analyst, Database Specialist, E-commerce Analyst, Network Specialist, Cyber Security Specialist, Security Analyst, and Information Assurance and Computer Forensics Specialist, among many others. The United States Department of Labor statistics reports a demand for Information Technology professionals across all industry segments with an emphasis on cyber security. Wilmington University's College of Technology programs include courses that are taught, using an appropriate balance of theory and practice, in state-of-the-art labs, classrooms and studios.

Philosophy

The mission of the College of Technology is to prepare students in the conceptual and practical aspects of information technologies, media design and studio production. Students will learn creative, technical and managerial perspectives to aid them in becoming competent practitioners and leaders in their chosen field. Each student will also be versed in leadership and stewardship responsibilities as they assume those roles in society. Toward those ends, the faculty is committed to providing an academically challenging and an aesthetically pleasing environment that will foster the development of creative and innovative projects to meet the challenges of a constantly changing profession.

Students in the Computer and Network Security Program (BS)
will be able to:

- Apply the ethical principles required of computer professionals;
- Demonstrate technical knowledge in Information Assurance necessary to prepare for an entry level position in the Computer and Network Security field;
- Analyze requirements for Information Security projects using best practices and current methodologies;
- Deploy the process used to analyze, design, implement, test and deliver Information Assurance projects;
- Demonstrate knowledge of best practices used to manage Computer and Network Security projects; and
- Practice the use and employ the benefit of library resources, including subscription services and other sources generally accepted as legitimate and valid.

Students in the Game Design and Development Program (BS) will be able to:

- Apply the ethical principles required of computer professionals;

- Demonstrate an understanding of the aesthetics of design and its importance in the world of communications and technology;

- Demonstrate personal skills in self-management and problem solving;

- Practice the use and employ the benefit of library resources, including subscription services and other sources generally accepted as legitimate and valid;

- Demonstrate technical knowledge in Game Development necessary to prepare for an entry-level position in the field;

- Analyze requirements for current trends in game development projects using the best practices and current methodologies (systems analysis); and

- Demonstrate knowledge of best practices used in Game Development.

Students in the Information Systems Management Program (BS) will be able to:

- Apply the ethical principles required of computer professionals;

- Demonstrate technical knowledge in Information Technology necessary to prepare for an entry level position in the field;

- Analyze requirements for Information Technology systems using the best practices and current methodologies;

- Employ the Systems Development Life Cycle (SDLC) process used to analyze, design, implement, test and deliver Information Technology projects;

- Demonstrate knowledge of best practices used to manage Information Technology projects; and

- Practice the use and employ the benefit of library resources, including subscription to services and other sources generally accepted as legitimate and valid.

Students in the Media Design Program (BS) will be able to:

- Apply the ethical principles required of Media Design professionals;

- Demonstrate an understanding of the aesthetics of design and its importance in the world of communications and technology;

- Demonstrate personal skills in self-management and problem solving;

- Participate in on-the-job preparation for a professional position in his/her chosen career field;

- Practice the use and employ the benefit of library resources, including subscription services and other sources generally accepted as legitimate and valid; and

- Provide a portfolio of work that illustrates his/her skills and potential.

Students in the Studio Production Program (BS) will be able to:

- Apply the ethical principles required of Studio Production professionals;

- Demonstrate an understanding of the aesthetics of design and its importance in the world of communications and technology.

- Demonstrate personal skills in self-management and problem solving;

- Participate in on-the-job preparation for a professional position in his/her chosen career field; and

- Practice the use and employ the benefit of library resources, including subscription services and other sources generally accepted as legitimate and valid.

Students in the Web Information Systems Program (BS) will be able to:

- Apply the ethical principles required of computer professionals;

- Demonstrate knowledge in technologies of the web necessary to prepare for an entry level position in the field;

- Analyze requirements for web applications using best practices and current methodologies;

- Practice the Software Development Life Cycle (SDLC) process used to analyze, design, implement, test and deliver web applications;

- Demonstrate knowledge of best practices used to manage software develop projects for the web (software project management); and

- Practice the use and employ the benefit of library resources, including subscription to services and other sources generally accepted as legitimate and valid.

General Purpose

The College of Technology programs are designed to address a wide range of career needs surrounding the informational systems field, and in the multimedia design and studio production industries. The diversity of activities and occupations within these professions establishes the foundation for formal training. Rapidly changing technology requires curriculum that is concurrent with industry. While preparing students to become competent, competitive, adaptive and able to work well in teams, our programs include the latest tools and concepts. The importance of these personal design and communication skills and of the knowledge, skills, and abilities associated with

emerging technologies and information resources is reflected in the various programs through emphasis on "core skills", all of which are fully integrated into practical, hands-on assignments.

The Program of Study

All programs with the College of Technology observe a rigorous academic regimen involving core areas of study. The Information Systems Management (ISM) degree reflects contemporary industry skill requirements, including data warehousing, business process and business intelligence. It also includes an introduction to IT policy and strategy with tasks interwoven within the program to enhance interpersonal communication skills. The ISM degree consists of 33 core credit hours in the management of technology plus 18 credit hours of free electives. Additionally, it includes a Business and Management Core of 24 credit hours, 6 credit hours of Technical Support, and a General Education Requirements of 39 credit hours to provide a well-rounded academic program.

The Web Information Systems (WIS) degree prepares students for careers in web application development for dynamic data-driven web sites. The core courses of the major consist of 39 credit hours, beginning with the languages of the web, XHTML and CSS. Emphasis is then placed on programming for the client/server model including server-side programming with databases and client side programming for web browsers. Upper level courses focus on the theory of object oriented systems analysis and design, software project management, database design, and user centered design. The collective knowledge amassed from the core course work is then put into practice in the senior year in the form of a senior project or internship. In addition to the technical courses, the WIS degree also includes a 24 credit hour business and management core to build strong communication skills and a sound understanding of current business practices. A General Education core of 39 credits, plus 6 technical support credits and 12 credits of free electives, helps provide the student with the broad education needed to compete for jobs in today's global marketplace.

The Computer and Network Security degree concentrates on 45 core credits focusing on security and information assurance, including 3 credit hours of related electives, and is buttressed by a support core of 21 credits. Coupled with 39 credits of General Education and 15 credits of free electives, students have the ability to tailor the degree toward specific career interests within the profession.

The design-oriented programs of study use the Associate of Media Art and Design degree as their core for the freshman and sophomore years. The associate degree is comprised of a General Education requirement of 11 courses (33 credit hours) and a Media Design and Technology core of nine courses (27 credit hours).

Each four-year degree program involving a design-emphasis continues with two more General Education courses (6 credit hours) plus a design core and specialized career tracks. The Media Design degree includes a Media Design core of 11 courses (33 credit hours) and offers career tracks in Multimedia, Photography and Print consisting of 16 courses (48 credit hours). The Studio Production degree involves a Studio Production core of 15 courses (45 credit hours) and a choice of career tracks in Digital Film-Making, or Television and Journalism each consisting of 12 courses (36 credit hours).

The General Education Requirements provide a foundation in English, the fine arts, and the social sciences. The Media Design and Studio Production cores explore those areas of technology and design that integrate within the media communications field. Finally, the career tracks provide a focused concentration in the student's major field of study.

Media Art, Design and Technology

Associate of Science

Philosophy

The mission of the Associate of Science degree in Media Design and Technology is to instill an aesthetic sensitivity in the student that leads to an understanding of design and composition prior to pursuit of work or a more advanced degree.

Moreover, this is a flexible degree that allows students to concentrate on the design field of their choice. This degree includes required coursework in digital image manipulation, concept development, and basic photography, as well as a series of design electives, which allow students to customize their degree.

Students may also use this degree as a building block to the Media Design, Studio Production, or Game Design and Development bachelor's degree programs.

Additionally, the General Education Requirements courses, required of all Wilmington University undergraduates, provide a well-rounded academic foundation.

The Purpose of an Associate Degree in Design

Design is a common thread that runs through all media art and communications work, from hard news to education, entertainment to training. To succeed in these professions, students need to be creative and innovative thinkers. Equipment such as cameras, computers, microphones, and recorders are merely tools for creating images and sounds that are used in the final design and, though important, learning their use is only a small part of the process.

The design approach to programs within the College of Technology provides an opportunity to develop a two-year associate degree that is a basic core to all design-oriented baccalaureate programs. It also provides a foundation of theory and skills for those students who prefer to enter the labor market at the earliest possible opportunity.

CURRICULUM

General Education Requirements (33 credits)

ART	210	Basic Design
BCS	210	Computer Science
COM	245	Writing for the Media
COM	300	Communication Theory
COM	322	Aesthetics of Film
ECO	105	Fundamentals of Economics
ENG	101	English Composition I
HIS	230	History of Art and Design
MAT	205	Introductory Survey of Mathematics
PSY	101	Introduction to Psychology
SCI		Any Natural Science

Media Design and Technology Core (27 credits)

DSN	210	Digital Image Manipulation
DSN	220	Concept Development
TEC	215	Basic Photographic Techniques

Design Electives (15 credits)

Choose 5 courses from the following:
BCS, COM, DFM, DRA, DSN, GMD, TEC, WIS

Free Elective (3 credits)

SUGGESTED PROGRAM SEQUENCE

FRESHMAN

Semester 1	Semester 2
ENG 101	COM 245
ART 210	MAT 205
BCS 210	HIS 230
PSY 101	TEC 215
DSN 210	Design Elective

SOPHOMORE

Semester 1	Semester 2
ECO 105	COM 300
DSN 220	COM 322
SCI	Design Elective
Design Elective	Design Elective
Design Elective	Elective

Computer and Network Security

Bachelor of Science

Philosophy

Today, businesses of all sizes depend upon a networked computer system connected to the Internet. Computer and network technologies have greatly increased employee productivity, elevated the status of "information" to that of a corporate asset, and reduced the cost of doing business. Unfortunately, the same technology that makes life easier for the employee makes life more difficult for the IT professionals whose responsibility it is to secure the organization's vital data. To protect themselves, companies seek professionals with the strongest security credentials available. In order to address such workplace demands, a program of study has been crafted that provides not only a foundation for the core of the degree, but allied focus areas have been included beyond the discipline to provide a well-rounded education. The General Education core and support courses interact with the security core to deliver a "complete package."

Purpose

The Computer and Network Security (CNS) Bachelor of Science degree will provide students with credentials specializing in digital information security, information assurance, and computer forensics. Students trained in CNS will be fully equipped to work within today's rapidly expanding job market. (Computer and Network Security is projected as the second fastest growing occupation by the US Department of Labor Statistics [BLS]). According to the BLS, the number of people employed as network systems and data communications analysts is projected to increase by 53% between 2006 and 2018.

Curriculum

General Education Requirements   (39 credits)

BCS	206	Computer Applications for Business
ECO	105	Fundamentals of Economics
ENG	101	English Composition I
ENG	102	English Composition II
ENG	111	Advanced Communication Skills
HUM	360	Human World Views: 3500 BCE–1650 AD
HUM	361	Human World Views: 1650 AD–Present
MAT	101	College Math I
PSY	101	Introduction to Psychology
SCI	110	Conceptual Physics (with Lab)

Humanities Elective   (6 credits)

Choose two courses from:
ART, COM, DRA, DSN, ENG, HUM, LIT, MUS, PHI, Foreign Language

Social Science Elective   (3 credits)

Choose one course from:
PSY, SOC, HIS

Support Core   (21 credits)

CRJ	101	Survey of Criminal Justice
CRJ	411	Criminal Evidence and Procedures
LES	330	Cyber Law
LES	331	Electronic Discovery
MAT	102	College Math II
MAT	308	Inferential Statistics
PHI	314	Ethics for Computer Professionals

Security Core   (45 credits)

MIS	320	Management Information Systems
SEC	210	Principles and Practices of Information Security
SEC	220	Introduction to Computer Forensics
SEC	230	Introduction to Linux
SEC	310	Cryptography: Algorithms and Applications
SEC	320	Networks and Telecommunications
SEC	330	Operating System and Computer Systems Security
SEC	335	Linux for Systems Administrators
SEC	340	Windows Operating Systems and Systems Administration
SEC	410	Operating Systems Security: Web and Data Security
SEC	420	Data Integrity, Computer Forensics, and Disaster Recovery
SEC	435	Advanced Network Management
SEC	450	Protecting Your Network: Firewall and Perimeter Security
WIS	290	Introduction to Programming with Python

College of Technology Electives   (3 credits)

Choose one course from the following:
IRM, SEC, WIS

Free Electives   (15 credits)

Freshman

Semester 1	Semester 2
BCS 206	CRJ 101
ECO 105	ENG 102
ENG 101	MAT 102
MAT 101	PSY 101
Elective	WIS 290

Sophomore

Semester 1	Semester 2
MIS 320	ENG 111
MAT 308	HUM 360
SCI 110	SEC 220
SEC 210	SEC 335
SEC 230	Elective

Junior

Semester 1	Semester 2
PHI 314	HUM 361
SEC 310	LES 330
SEC 320	SEC 330
Program Elective	SEC 435
Elective	HUM Elective

Senior

Semester 1	Semester 2
HUM Elective	CRJ 411
LES 331	SEC 420
SEC 340	SEC 450
SEC 410	Social Science Elective
Elective	Elective

Game Design and Development

Bachelor of Science

Philosophy

Gaming is becoming integrated into how we learn, socialize, interact, and gather information. It is designing the interactions an individual makes when using an interface. It involves simulation for real world practice without consequence. Architecture, Medical Imaging, Military/Law Enforcement, and Education have integrated Gaming technology. In order to address industry demand, this program of study has been crafted to provide not only a foundation for the core of the degree, but also includes allied focus areas beyond the discipline to provide a well-rounded experience. Crossing the boundaries of traditional game programs, the Game Design and Development program combines both the programming and design aspects of creating video games for major platforms, consoles, and mobile devices. The program further provides preparation in virtualization for medical, educational, and military applications, as well as the next round of interactive applications. Combining the skills of video production, graphic design, interactive design, and 3D skills and programming, this interdisciplinary degree program prepares the student for the exciting world of game design and development.

Purpose

The Game Design and Development program is for the student wishing to design and develop two dimensional and three dimensional games, training and educational, and animation applications deployed to personal computers and game, recreational, and training consoles. The primary focus of this program is on design elements supported by game programming using available game engine platforms. Students will have an understanding of the workflow involved in designing and developing a game or training simulation environment, game design techniques, and be able to communicate to designers and programmers in the industry, with a base level of understanding.

The program prepares students with the "Gaming Skill Set" required for entry into the fast growing industry of game technology. It is designed to balance the programming and design skills needed to understand the industry pipeline of product creation. The "Gaming Skill Set" reflects a well rounded individual capable of managing a project from inception to

completion. The student will be prepared with an understanding of video and audio techniques as well as designing interfaces and user experiences. Additionally, students will learn to create environments that reflect real world scenarios or create new worlds to explore, program complex levels with physics, logic and purpose, and measure users' progress through those scenarios. Classroom projects will provide users the tools to improve reaction time, improved hand eye coordination, think strategically, process cause and effect, and increase ability to process multiple stimuli. Students will gain an understanding of every aspect of the gaming industry from concept development to character and environment creation to programming user interfaces and the "guts" of a game. Finally, students will be exposed to marketing their products and project management.

Curriculum

General Education Requirements   (39 credits)

ART	210	Basic Design
BCS	210	Computer Science
COM	245	Writing for the Media
COM	300	Communication Theory
ECO	105	Fundamentals of Economics
ENG	101	English Composition I
HIS	230	History of Art and Design
HUM	360	Human World Views: 3500 BCE-1650AD
HUM	361	Human World Views: 1650AD-Present
LIT	313	Visual Approaches to Literature: The Graphic Novel
MAT	101	College Math I
PSY	101	Introduction to Psychology
SCI	110	Conceptual Physics

Media Design Requirements   (21 credits)

COM	422	Non-Linear Editing (Mac)
COM	487	Senior Project
DSN	105	Visual Communications
DSN	201	Fundamentals of Motion Graphics
DSN	210	Digital Image Manipulation
DSN	220	Concept Development
DSN	410	Advanced Digital Image Manipulation

Game Design and Development Core   (60 credits)

COM	306	Scriptwriting
DSN	301	Introduction to 3D
DSN	302	3D Modeling Techniques
DSN	303	3D Texture, Rendering and Lighting Techniques
DSN	304	Character Creation and Texturing
DSN	305	Character Rigging
DSN	310	Advanced Motion Graphics
GMD	100	Introduction to Game Engines
GMD	105	Video and Audio for Game Design
GMD	110	Introduction to JavaScript for Unity3D
GMD	202	Soundtracks for Film, Video and Games
GMD	203	Creating Sound Effects and Dialog for Film, Video and Games
GMD	210	Advanced JavaScript for Unity3D
GMD	300	Advanced Game Engines: Using Unity 3D
GMD	310	Environment Creation for Games
GMD	401	Game Development I
GMD	405	Game Development II
MAT	200	Pre Calc (or MAT320 Finite Math)

Free Electives   (6 credits)

Suggested Program Sequence

Freshman

Semester 1	Semester 2
BCS 210	DSN 105
ENG 101	DSN 210
GMD 105	ECO 105
MAT 101	GMD 100
PSY 101	SCI 110

Sophomore

Semester 1	Semester 2
COM 245	COM 306
DSN 201	DSN 301
DSN 220	GMD 110
GMD 202	HIS 230
MAT 200	GMD 203

Junior

Semester 1	Semester 2
COM 422	DSN 303
DSN 302	DSN 305
DSN 304	GMD 210
DSN 410	GMD 310
GMD 300	GMD 401

Senior

Semester 1	Semester 2
DSN 310	ART 210
GMD 405	COM 300
HUM 360	COM 487
LIT 313	HUM 361
Elective	Elective

Information Systems Management

Bachelor of Science

Philosophy

The Wilmington University undergraduate degree program in Information Systems Management provides a solid knowledge foundation and a related and meaningful set of experiences to prepare professionals to become Information Technology leaders in what has become the nation's largest industry. Students who successfully complete the undergraduate degree program in Information Systems Management will possess a working command of current business processes, understand the concepts of business intelligence, data warehousing and information technology applications and practices that can be applied in business, educational, and governmental organizations regardless of size. Degree recipients will be capable of managing complex projects from inception to completion, including analyzing business processes and designing an information technology strategy for continuous improvement. The ISM program is closely aligned with the business curriculum at Wilmington University. All courses involve extensive hands-on assignments.

Purpose

The use of Information Systems and Technology in business and industry is woven into strategic, tactical and operational areas of almost every organization. Administrators, employees, and staff routinely use information technology in their daily professional and personal lives. The increased need for well designed information technology systems by business and industry has further created a need for IT professionals who can analyze, design and implement information systems to meet the needs of clients. This includes but is not limited to professionals who are:

- Competent practitioners, able in the use of technology and capable of assuming a leadership role in its implementation;

- Effective problem solvers, with the ability to integrate information systems and technology into the workplace;

- Active learners, attuned to emerging trends and technical innovations, with the attendant capabilities to appropriately position the proper trends/innovations within organizations.

The express purpose of Wilmington University's program in Information Systems Management is to satisfy those needs by fostering an application level of practical expertise at an intermediate level of experience. Knowledge of the most current tools and technologies is combined with an understanding of the fundamental principles that underlie them. This ensures that graduates have immediately useful skills, in addition to the deeper understanding that will allow them to move smoothly and efficiently to new systems and approaches.

Curriculum

General Education Requirements (39 credits)

BCS	206	Computer Applications for Business
ECO	105	Fundamentals of Economics
ENG	101	English Composition I
ENG	102	English Composition II
ENG	111	Advanced Communication Skills
HUM	360	Human World Views: 3500 BCE–1650 AD
HUM	361	Human World Views: 1650 AD–Present
MAT	101	College Math I
PHI	314	Ethics for Computer Professionals
SCI	110	Conceptual Physics (with Lab)

Humanities Electives (3 credits)

Choose one course from the following:
ART, DRA, HUM, LIT, MUS, PHI, Foreign Language, COM 245, COM 322, DSN 110, ENG 360, ENG 365, HIS 230

Social Science Electives (6 credits)

Choose two courses from the following:
PSY 101, SOC 101, HIS

Technical Support (6 credits)

MAT	102	College Math II
MAT	308	Inferential Statistics

Business and Management Core (24 credits)

BBM	201	Principles of Management
BBM	301	Organizational Behavior
BBM	320	Business Communications (or equivalent)
BBM	350	Introduction to E-Commerce
BMK	305	Marketing
FIN	300	Applied Concepts in Accounting and Finance

Business Elective (6 credits)

Choose two courses from the following:
LES 330, LES 331 or any BAC, BBM, BLA, BMK, ECO, FIN or HRM

Note: For any of the electives chosen, students must meet the prerequisites or otherwise obtain program coordinator approval.

Information Systems Management (33 credits)

ISM	110	Information Systems Theory and Practice
ISM	300	Business Process Management
ISM	330	Business Intelligence
ISM	350	Information Technology Policy and Strategy
ISM	400	Systems Analysis and Design
ISM	410	Physical Design and Implementation with DBMS
ISM	420	Data Modeling and Warehousing
ISM	450	Project Management and Practice
ISM	455	Strategic Application of Information Technology
MIS	320	Management Information Systems
SEC	210	Principles and Practice of Information Security

Free Electives (18 credits)

Suggested Program Sequence

Freshman

Semester 1	Semester 2
BCS 206	SCI 110
ENG 101	ENG 102
MAT 101	ISM 110
ECO 105	MAT 102
Elective	Elective

Sophomore

Semester 1	Semester 2
FIN 300	BBM 201
SEC 210	ISM 330
ISM 300	MIS 320
MAT 308	PHI 314
Elective	Elective

Junior

Semester 1	Semester 2
BBM 301	BBM 320
ENG 111	HUM 361
HUM 360	ISM 350
ISM 400	ISM 420
ISM 410	Elective

Senior

Semester 1	Semester 2
BBM 350	BMK 305
ISM 450	ISM 455
Elective	Elective
Elective	Elective
Elective	Elective

Media Design

Bachelor of Science

Purpose

The field of graphic design has seen a recent explosion of career opportunities, from education to business and entertainment. The Media Design major provides students with the flexibility to tailor their degree to their career interests. Students have the option of choosing from among three concentration areas: Multimedia, Digital Publishing, and Photography. All Media Design students will complete the Media Design core, which offers introductory courses in drawing, digital publishing, digital image manipulation and photography. This will allow students to survey the various media available to them and select a specialty area of study. All Media Design students will also complete a senior project; produce a portfolio to be reviewed by professional staff; and network within the field, while gaining real world experience, with an internship. The General Education requirements provide a foundation in English, fine arts and the social sciences.

Curriculum

General Education Requirements (39 credits)

ART	210	Basic Design
BCS	210	Computer Science
COM	245	Writing for the Media
COM	300	Communication Theory
COM	322	Aesthetics of Film
ECO	105	Fundamentals of Economics
ENG	101	English Composition I
HIS	230	History of Art and Design
HUM	360	Human World Views: 3500 BCE–1650 AD
HUM	361	Human World Views: 1650 AD–Present
MAT	205	Introductory Survey of Mathematics
PSY	101	Introduction to Psychology
SCI		Any Natural Science Elective

Media Design Core (33 credits)

COM	310	Legal Aspects of Communication
COM	431	Media and Society
COM	487	Senior Project
COM	490	Internship
DSN	110/112	Drawing or Digital Drawing
DSN	121	Digital Publishing
DSN	210	Digital Image Manipulation
DSN	220	Concept Development
DSN	318	Portfolio Production

| DSN | 320 | Introduction to Web Design |
| TEC | 215 | Basic Photographic Techniques |

Multimedia Track (48 credits)

The Multimedia Track will give students experience within a variety of media, with courses in web design and web programming, desktop publishing, photography and video. Students will study basic design, digital image manipulation, animation and video filming and editing. Students will also be required to take a course on graphic design applications, enabling them to relate their design skills to real world applications.

COM	360	Human Computer Interface
COM	422	Non-Linear Editing-Mac
DSN	201	Fundamentals of Motion Graphics
DSN	230	Graphic Design Applications
DSN	325	Multimedia Web Design
DSN	326	Interactive Multimedia Web
DSN	420	Advanced Web Page Design
TEC	101	Introduction to Audio
TEC	102	Introduction to Video
WIS	100	Basic to Intermediate Web Design

Design Electives (9 credits)

Choose 3 courses from the following:
COM, DFM, DSN, TEC

Free Electives (9 credits)

SUGGESTED PROGRAM SEQUENCE

FRESHMAN

Semester 1	Semester 2
ART 210	COM 245
BCS 210	MAT 205
ENG 101	DSN 121
DSN 110/112	HIS 230
SCI	PSY 101

SOPHOMORE

Semester 1	Semester 2
COM 300	COM 322
COM 310	DSN 201
DSN 210	DSN 220
ECO 105	TEC 101
TEC 215	TEC 102

JUNIOR

Semester 1	Semester 2
COM 360	DSN 318
COM 422	DSN 325

DSN 230	DSN 420
DSN 320	HUM 360
Elective	WIS 100

SENIOR

Semester 1	Semester 2
COM 490	COM 431
DSN 326	COM 487
HUM 361	Design Elective
Design Elective	Elective
Design Elective	Elective

Photography Track (48 credits)

The Photography Track of Media Design offers courses in photographic techniques relating to black and white, digital, event and nature photography, as well as photojournalism. Students will also study color theory and visual communication. Students will polish their skills in advanced photography and learn to display and market their work in a portfolio design course specific to photography.

BMK	305	Marketing
DSN	105	Visual Communication
DSN	241	Color Theory
TEC	102	Introduction to Video

Select 6 courses from the following:

TEC	235	Black and White Photo
TEC	300	Advanced Photography
TEC	315	Nature Photography
TEC	325	Business of Photography
TEC	366	Photojournalism I
TEC	376	Photojournalism II
TEC	405	Photo Studio Lighting
TEC	406	Photographic Location Lighting
TEC	460	Topics in Photography

Design Electives (9 credits)

Choose 3 courses from the following:
COM, DFM, DSN, TEC

Free Electives (9 credits)

Suggested Program Sequence

Freshman

Semester 1	Semester 2
ART 210	COM 245
BCS 210	HIS 230
DSN 110/112	MAT 205
ENG 101	PSY 101
SCI	TEC 215

Sophomore

Semester 1	Semester 2
DSN 121	DSN 105
DSN 210	DSN 220
ECO 105	DSN 241
TEC 102	TEC
TEC	TEC

Junior

Semester 1	Semester 2
BMK 305	COM 310
COM 300	COM 322
DSN 320	DSN 318
TEC	TEC
Design Elective	TEC

Senior

Semester 1	Semester 2
COM 490	COM 431
HUM 360	COM 487
Design Elective	HUM 361
Design Elective	Elective
Elective	Elective

Digital Publishing Track   (48 credits)

The Print Track within Media Design will focus on desktop publishing, offering students courses on typography, illustration and color theory. It will also focus on applications of graphic design such as the design of brochures, catalogs, product packaging and displays.

BMK 305   Marketing
DSN 105   Visual Communication
DSN 230   Graphic Design Applications
DSN 241   Color Theory
DSN 308   Illustration
DSN 315   Typography
DSN 401   Publication Design
DSN 402   Graphic Design Brochures and Catalogs
DSN 410   Advanced Digital Image Manipulation
DSN 415   Packaging and Display Design

Design Electives   (9 credits)

Choose 3 courses from the following:
COM, DFM, DSN, TEC

Free Electives   (9 credits)

Suggested Program Sequence

Freshman

Semester 1	Semester 2
ART 210	COM 245
BCS 210	DSN 121
DSN 110/112	HIS 230
ENG 101	MAT 205
SCI	PSY 101

Sophomore

Semester 1	Semester 2
COM 300	COM 322
COM 310	DSN 105
DSN 210	DSN 220
ECO 105	DSN 241
TEC 215	DSN 230

Junior

Semester 1	Semester 2
BMK 305	DSN 308
DSN 320	DSN 318
DSN 315	DSN 402
DSN 401	DSN 410
Design Elective	Design Elective

Senior

Semester 1	Semester 2
COM 490	COM 431
DSN 415	COM 487
HUM 360	HUM 361
Design Elective	Elective
Elective	Elective

Studio Production

Bachelor of Science

Purpose

Students interested in video and film, whether in front of or behind the camera, may select the recently expanded Studio Production major. Students may select from concentrations in Television and Journalism or Digital Film-Making.

All Studio Production students will complete the Studio Production Core, which will give students an overview of concept development, animation, digital image manipulation and basic photography. Students will learn the basics of audio and video, as well as single camera video and television studio production, non-linear editing, and studio and location lighting. All students will also study advanced script writing, and legal aspects of communication. Students will finalize the studio production core with a senior project and internship.

In addition to the Studio Production core, and the General Education requirements required of all Wilmington University students, Studio Production students will select a concentration from among the two career tracks.

Curriculum

General Education Requirements   (39 credits)

ART	210	Basic Design
BCS	210	Computer Science
COM	245	Writing for the Media
COM	300	Communication Theory
COM	322	Aesthetics of Film
ECO	105	Fundamentals of Economics
ENG	101	English Composition I
HIS	230	History of Art and Design
HUM	360	Human World Views: 3500 BCE–1650 AD
HUM	361	Human World Views: 1650 AD–Present
MAT	205	Introductory Survey of Mathematics
PSY	101	Introduction to Psychology
SCI		Any Natural Science Elective

Studio Production Core   (45 credits)

COM	303	Introduction to TV Studio Production
COM	310	Legal Aspects of Communication
COM	331	Single Camera Video Production
COM	335	Corporate Video Production
COM	401	Producing the Documentary
COM	422	Non-Linear Editing
COM	487	Senior Project

COM	490	Internship
DSN	201	Fundamentals of Motion Graphics
DSN	210	Digital Image Manipulation
DSN	220	Concept Development
TEC	101	Introduction to Audio
TEC	102	Introduction to Video
TEC	215	Basic Photographic Techniques
TEC	305	TV Studio and Location Lighting

Television and Journalism Track   (36 credits)

Students interested in careers in television and journalism will study documentary and corporate video production, television production and location lighting, and will also learn to produce and direct drama for television and film. This track includes an introduction to broadcast journalism and specific courses on photojournalism. Students will also develop skills in writing and reporting for the news media.

COM 240	Broadcast Journalism
COM 344	Writing & Reporting for the News Media
COM 345	Field Journalism
COM 425	Podcasting
COM 412	TV News Production
COM 413	Advanced TV News Production

Design Electives   (9 credits)

Choose 3 courses from the following:
COM, DFM, DSN, TEC

Free Electives   (9 credits)

Suggested Program Sequence

Freshman

Semester 1	Semester 2
ART 210	COM 245
BCS 210	HIS 230
ENG 101	MAT 205
SCI	PSY 101
TEC 101	TEC 102

Sophomore

Semester 1	Semester 2
COM 240	COM 300
DSN 210	COM 322
DSN 220	COM 422
ECO 105	DSN 201
TEC 215	TEC 305

Junior

Semester 1	Semester 2
COM 303	COM 310

COM 331	COM 335
COM 344	COM 345
HUM 360	HUM 361
Design Elective	Design Elective

SENIOR

Semester 1	Semester 2
COM 425	COM 412
COM 401	COM 413
COM 490	COM 487
Design Elective	Elective
Elective	Elective

Digital Film-Making Track   (36 credits)

This track will allow students to explore introductory and advanced digital film-making, with instruction on directing and shooting digital films, as well as documentary production and location lighting.

COM 306	Scriptwriting
COM 423	Adv. Non-Linear Editing
DFM 200	Introduction to Digital Film-Making
DFM 300	Directing Digital Films
DFM 350	Digital Film-Making II
DFM 400	Directing Digital Films II

Design Electives   (9 credits)

Choose 3 courses from the following:
COM, DFM, DSN, TEC

Free Electives   (9 credits)

SUGGESTED PROGRAM SEQUENCE

FRESHMAN

Semester 1	Semester 2
ART 210	COM 245
BCS 210	HIS 230
ENG 101	MAT 205
SCI	PSY 101
TEC 101	TEC 102

SOPHOMORE

Semester 1	Semester 2
COM 306	COM 300
DSN 210	COM 310
DSN 220	COM 422
ECO 105	DSN 201
TEC 215	TEC 305

JUNIOR

Semester 1	Semester 2
COM 303	COM 401
COM 331	COM 335
COM 423	DFM 350
DFM 200	DFM 400
DFM 300	Design Elective

SENIOR

Semester 1	Semester 2
COM 322	COM 487
COM 490	HUM 361
HUM 360	Design Elective
Design Elective	Elective
Elective	Elective

Web Information Systems

Bachelor of Science

Philosophy

The World Wide Web has become an ubiquitous influence to all aspects of commerce and professional/personal interactions among a worldwide citizenry - both corporate and private - within today's increasingly global economy. The latest technical skills are critically important for the success of any commercial enterprise. Students in Wilmington University's Web Information Systems degree program learn the latest in software development technologies for the web, achieve a sound understanding of current business practices, and develop capable communications skills. This gives the student the broad education needed to compete for jobs in today's global marketplace.

Use of the Internet has changed the way the world communicates. The influence of the World Wide Web on both business and private interaction has become universal in its impact. As such, the Internet has become an indispensable tool in our daily lives. And, because technology expands at an incredible pace, those who fail to keep abreast with the times will quickly lose their competitive edge.

To buy the latest best-seller, it is increasingly more convenient to search the Internet and visit a website. Should the targeted website be one that has been visited earlier, it is likely that this revisited webpage is automatically customized to reflect prior transactions - items looked at before are recounted, and summaries of what similarly inclined customers bought when they purchased the same item are presented. That "real-time" and commercially meaningful information is retrieved from databases working behind the scene. Successful enterprises have learned that to keep customers informed and accommodated, static web pages are no longer enough. Web pages today, whether they serve as portals to commercial enterprises for the general public or internal portals for staff, out of necessity have become "dynamic" and "data-driven". This means that the web pages are created instantaneously, at the click of a mouse, and customized for each particular viewer. "Dynamic" capability provides an enormous competitive advantage in a markedly competitive and technologically augmented global marketplace.

Purpose

The goal of the Web Information Systems program is focused on preparing students for careers in web application development. Accordingly, it not only incorporates the detailed skills and knowledge needed to work in the present-day software environment but also stresses fundamental concepts that persist across rapid technology changes. The *Web Information Systems* degree looks at web development tools currently in demand; the curriculum is presently focusing on MAMP/LAMP, the open source web platforms compatible with all computing environments, including Windows, Mac, and Linux. The technologies of choice within this curriculum (which, by design, will dynamically change to meet the requirements dictated by innovation) include PHP, Java, and MySQL. Theory courses concentrate on user-centered design, object oriented methodologies, and the most current systems analysis and software project management techniques.

Curriculum

General Education Requirements (39 credits)

BCS	206	Computer Applications for Business
ECO	105	Fundamentals of Economics
ENG	101	English Composition I
ENG	102	English Composition II
ENG	111	Advanced Communication Skills
HUM	360	Human World Views: 3500 BCE–1650 AD
HUM	361	Human World Views: 1650 AD–Present
MAT	101	College Math I
PHI	314	Ethics for Computer Professionals
SCI	110	Conceptual Physics (with Lab)

Humanities Electives (3 credits)

Choose one course from the following:
ART, DRA, HUM, LIT, MUS, PHI, Foreign Language, COM 245, COM 322, DSN 110, ENG 360, ENG 365, HIS 230

Social Science Electives (6 credits)

Choose two courses from the following:
PSY 101, SOC 101, HIS

Technical Support (6 credits)

MAT	102	College Math II
MAT	308	Inferential Statistics

Business and Management Core (24 credits)

BBM	201	Principles of Management
BBM	301	Organizational Behavior
BBM	320	Business Communications (or equivalent)
BBM	350	Introduction to E-Commerce
BMK	305	Marketing
FIN	300	Applied Concepts in Accounting and Finance

MIS   320   Management Information Systems

Elective   (3 credits)

Choose one course from the following:
LES 330, LES 331 or any BAC, BBM, BLA, BMK, ECO, FIN or HRM

Note: For any of the electives chosen, students must meet the prerequisites or otherwise obtain program coordinator approval.

Web Information Systems   (39 credits)

WIS   100   Basic to Intermediate Web Design

WIS   200   Internet Foundations

WIS   210   Database Fundamentals

WIS   300   Foundations of Object Oriented Programming

WIS   305   Basic Web Application Development

WIS   306   Intermediate Web Application Development

WIS   320   Advanced Web Application Development

WIS   370   User-Centered Design

WIS   400   Advanced Database Design

WIS   420   Systems Analysis and Design

WIS   450   Software Project Management

College of Technology Elective

Senior Project or Internship   (3 credits)

Select three credits from the following:

WIS   490   Internship (3 credits); or

WIS   485   Senior Project Plan (1 credit) *and*

WIS   486   Senior Project (2 credits)

Free Electives   (12 credits)

SUGGESTED PROGRAM SEQUENCE

FRESHMAN

Semester 1	Semester 2
BCS 206	ENG 102
ECO 105	MAT 102
ENG 101	SCI 110
MAT 101	WIS 100
Elective	Elective

SOPHOMORE

Semester 1	Semester 2
ENG 111	BBM 201
MAT 308	WIS 200
WIS 305	WIS 306
WIS 210	Elective
Elective	Elective

JUNIOR

Semester 1	Semester 2
BBM 301	BBM 320
FIN 300	HUM 361
HUM 360	MIS 320
WIS 300	PHI 314
WIS 320	WIS 370

SENIOR

Semester 1	Semester 2
BMK 305	BBM 350
WIS 400	WIS 420
Elective	WIS 450
Elective	WIS 490 or WIS 485/486
Elective	Elective

College of Technology Minors

Purpose

The minors offered by the College of Technology are designed to provide all Wilmington University students with the opportunity to develop theoretical and practical skills in the informational technologies involving design and communications, and to both enhance their major studies and support their pursuit of employment. Each program is made up of five courses, some of which may require pre-requisites. Students who wish to pursue a minor should contact Academic Advisement.

Drama Minor

Students choosing this minor will be exposed to drama as it relates to theater, specifically, and to the media, in general. Individuals interested in this minor will learn the basics of acting, directing, set design, and playwriting. The culminating feature of this group of courses will be a student drama production. Skills learned may be transferred over to the industrial and broadcasting mediums.

DRA 105   Introduction to the Theater
DRA 110   Acting I
DRA 111   Acting II
DRA 120   Introduction to Directing

Select one of the following:
DRA 200   Playwriting
DRA 220   Performance

Media Design— Multimedia Production Minor

The rapid development of this medium of integrated electronic design has led to the creation of many employment opportunities. Students studying any of the various majors with elements of training, public relations, or marketing would benefit from this experience.

COM 422   Non-Linear Editing - Mac
DSN 201   Introduction to Motion Graphics
DSN 210   Digital Image Manipulation
DSN 320   Introduction to Web Page Design
DSN 325   Multimedia Web Page Design

Media Design— Photography Minor

Photography is everywhere you look: magazines, web pages, billboards, birthday cards, textbooks, etc. Images are used to transmit ideas and emotions, to persuade consumers, to influence voters, to make you hungry. Photographs inspire nostalgia, capture history, and they allow people to experience worlds they would otherwise never know. In this minor, students will improve their photographic skills in a course of study that could ultimately lead to employment as working photographers.

The Photography minor is open to all Wilmington University students. In this minor, students will create a path of study suited to their desires by selecting any five courses from the following list, preferably starting with TEC 215. Students who are normally required to include TEC 215 and TEC 405 for their major will, when electing a Photography minor, take an additional five classes from those listed below.

TEC 215   Basic Photographic Techniques
TEC 235   Black and White Photography
TEC 300   Advanced Photography I
TEC 315   Nature Photography
TEC 325   Business of Photography
TEC 366   Photojournalism I
TEC 376   Photojournalism II
TEC 405   Photographic Studio Lighting
TEC 406   Photographic Location Lighting
TEC 460   Topics in Photography
TEC 470   Advanced Photography II: the Portfolio

Media Design— Digital Publishing Minor

Most companies have some form of newsletter, public relations or publication needs; this minor allows the students to develop their creative skills in the print design and computer interface fields.

DSN 121   Digital Publishing
DSN 210   Digital Image Manipulation
DSN 220   Concept Development
DSN 230   Graphic Design Applications
DSN 401   Publication Design

STUDIO PRODUCTION— BROADCAST AND ELECTRONIC JOURNALISM MINOR

This minor allows students to develop their journalistic skills by exposure to various types of contemporary journalistic settings and challenges they might encounter.

COM 240   Broadcast Journalism
COM 245   Writing for the Media
COM 344   Writing and Reporting for the News Media
COM 345   Field Journalism

Select one of the following:
COM 303   Introduction to TV Studio Production
COM 425   Podcasting

STUDIO PRODUCTION— DIGITAL FILM MINOR

This minor enables students interested in film to obtain the necessary background in digital production and film-making. Students will also learn the terminology, the process and the theory of the film-making business using current digital technology. Students seeking a minor in Digital Film-making, but who are not Studio Production or Media Design majors, or those students who have not yet taken the listed courses, must complete five courses and recommended pre-requisites. By completing these pre-requisite courses, students will be better prepared for the successful completion of the Digital Film-making minor.

Suggested Pre-requisites

COM 245   Writing for the Media
COM 331   Single Camera Production
TEC 102   Introduction to Video

Digital Film Minor Required Courses

COM 422   Non-Linear Editing - Mac
DFM 200   Introduction to Digital Film-making
DFM 300   Directing Digital Films
DFM 350   Digital Film-making II
DFM 400   Directing Digital Films II

STUDIO PRODUCTION— TELEVISION AND VIDEO MINOR

Students interested in Television and Video may select the Studio Production - Television and Video Minor. This minor will encompass coursework within both the television studio and video production domains, with additional coursework in non-linear editing. These skills may be used to expand the scope of a major in Media Design or Studio Production, or, by meeting the prerequisites, students from unrelated majors may select the Studio Production - Television and Video minor to expand their education into a new domain. This minor enables students interested in TV and Video to obtain the necessary background to produce works for applications in business, education, and industry, as well as for marketing and advertising purposes.

Studio Production - Television and Video Minor Required Courses

COM 303   Introduction to Television Studio Production
COM 331   Single Camera Video Production
COM 412   Introduction to TV News Production
COM 422   Non-Linear Editing - Mac

Select one of the following:
COM 335   Corporate Video Production
COM 401   Producing the Documentary

COURSE DESCRIPTIONS

AFS 110 1 credit

Foundations of the USAF I

This course surveys the roles of the U.S. Department of Defense and the U.S. Air Force in our society. It consists of approximately one hour of academic instruction each week. This course will be taught in the fall at the University of Delaware. Prerequisites: freshman status

AFS 111 1 credit

Foundations of the USAF II

This course continues to build on the information covered in AFS 110. It consists of approximately one hour of academic instruction each week. This course will be taught in the spring at the University of Delaware. Prerequisites: AFS 110 and freshman status

AFS 150 0 credit

Leadership Lab for Freshman I

All freshmen are required to enroll in this two-hour lab course which will be taught in the fall at the University of Delaware. This is a non-credit course. Prerequisites: freshman status

AFS 151 0 credit

Leadership Lab for Freshman II

This course continues to build on the information covered in AFS 150. All freshmen are required to enroll in this two-hour lab course which will be taught in the spring at the University of Delaware. This is a non-credit course. Prerequisites: AFS 150 and freshman status

AFS 210 1 credit

Evolution of U.S. Air/Space Power I

This course surveys the history of air power from the 18th century to the present. It consists of approximately one hour of academic instruction each week. This course will be taught in the fall at the University of Delaware. Prerequisites: sophomore status

AFS 211 1 credit

Evolution of U.S. Air/Space Power II

This course continues to build on the information covered in AFS 211. It consists of approximately one hour of academic instruction each week. This course will be taught in the spring at the University of Delaware. Prerequisites: AFS 210 and sophomore status

AFS 250 0 credit

Leadership Lab for Sophomores I

All sophomores are required to enroll in this two-hour lab course which will be taught in the fall at the University of Delaware. Prerequisites: sophomore status

AFS 251 0 credit

Leadership Lab for Sophomores II

This course continues to build on the information covered in AFS 250. All sophomores are required to enroll in this two-hour lab course which will be taught in the spring at the University of Delaware. Prerequisites: AFS 250 and sophomore status

AFS 310 3 credits

Leadership Studies I

This course introduces students to leadership and management concepts. This course consists of 2 1/2 hours of academic instruction each week. This Professional Officer Course (POC) will be taught in the fall at the University of Delaware. Prerequisites: AFS 210 and junior status

AFS 311 3 credits

Leadership Studies II

This course continues to build on the information in AFS 310. This course consists of 2 1/2 hours of academic instruction each week. This Professional Officer Course (POC) will be taught in the spring at the University of Delaware. Prerequisites: AFS 310 and junior status

AFS 350 0 credit

Leadership Lab for Juniors I

All juniors are required to enroll in this two-hour lab course which will be taught in the fall at the University of Delaware. Prerequisites: AFS 250, AFS 251 and junior status

AFS 351 0 credit

Leadership Lab for Juniors II

All juniors are required to enroll in this two-hour lab course which will be taught in the spring at the University of Delaware. Prerequisites: AFS 250, AFS 251, AFS 350 and junior status

AFS 410 3 credits

National Security Affairs Society I

This course focuses on U. S. national security policy—its evolution, actors, processes, and current issues. Emphasis is also given to military professionalism, military justice, and communication skills. This course consists of 2 1/2 hours of academic instruction each week. This Professional Officer Course (POC) will be taught in the fall at the University of Delaware. Prerequisites: senior status

AFS 411 3 credits

National Security Affairs Society II

This course continues to build on the information covered in AFS 410. This course consists of 2 1/2 hours of academic instruction each week. This Professional Officer Course (POC) will be taught in the spring at the University of Delaware. Prerequisites: AFS 410 and senior status

AFS 450 0 credit

Leadership Lab for Seniors I

All seniors are required to enroll in this two-hour lab course which will be taught in the fall at the University of Delaware. Prerequisites: AFS 350, AFS 351 and senior status

AFS 451 0 credit

Leadership Lab for Seniors II

All seniors are required to enroll in this two-hour lab course which will be taught in the spring at the University of Delaware. Prerequisites: AFS 350, AFS 351, AFS 450 and senior status

ALH 323 3 credits

Health Professional as Teacher

This course focuses on the development of teaching skills for professional allied health practice. The course will explore the role of the allied health professional in teaching individuals, families, communities, or peers.

ALH 333 3 credits

Leadership for Allied Health Professionals

This course focuses on the development of leadership skills for professional allied health practice. The course will explore the leadership role through clinical experiences, scholarly reading, self-assessment and awareness, and professional involvement. Use of evidence based practice guidelines will be introduced. Refinement of Information literacy skills will be included. This course is only available to ALH students. Clinical documentation is required prior to the start of this course. Details are available through the course instructor and the program coordinator.

ALH 401 3 credits

Allied Health Professional Capstone

This course serves as a capstone course for both the management and education tracks in Allied Health. Students will have the opportunity to explore current issues related to their specific disciplines and health care in general. In addition, each student will prepare and present a portfolio assessment outlining growth in knowledge and skills over the course of the program. Identification of goals for continued professional growth and lifelong learning will be identified. This course is designed to be taken at the end of the chosen curricular track. This course is only available to ALH students. Prerequisites: Completion of ALH323 (if in the education track), ALH333, ALH402 or Approval from program coordinator

ALH 402 3 credits

Medical Law and Ethics

This course is designed specifically to enable health care professionals to function as objective members of the health care delivery team while working within legal and ethical boundaries. Students will be introduced to medical law and a broad range of issues specific to the health care industry that have an ethical dimension. This course is only available to ALH students.

ART 101 3 credits

Art History

This survey course includes the study and appreciation of painting, sculpture, and architecture from Paleolithic to modern times. A limited examination of contemporary painting and sculpture is also included. The approach is to investigate styles, periods, and artists as they relate to time and place. Museum or gallery trips are integral to the course of study.

ART 202 3 credits

Romanticism, Modern and Contemporary Art

Neoclassicism, Romanticism, Realism, Impressionism, Symbolism, Modern, and Contemporary art movements are examined in addition to major artists of these periods.

ART 210 3 credits

Basic Design

The materials and processes of design are considered in conjunction with the principles which influence form and function. Design is explored through hands-on application with a variety of media.

ART 245 3 credits

The Art of Photography

This introductory course for non-art majors emphasizes photography as both a fine art and communications medium. The focus is on major photographers, photographic imagery, the history of the medium, the use of photography for artistic communication, and the major themes used by photographers: the Human Condition, the Still Life, the Portrait, the Nude, Nature, and War. The history of the medium will be explored, along with the works and lives of many of the major photographers of the past and present. Technical aspects of the camera, film, and lighting will be examined in some depth to enhance the understanding of the creative intricacies of the making of photographic images. The use of a camera, although not required, is strongly recommended: specific instruction in the use of a 35 mm camera is offered.

ART 301 3 credits

Drawing and Painting

The key compositional elements in drawing or painting are explored using visuals, lectures, and the application of the principles of design in studio work. This introductory course for non-art majors is designed to develop skills by the direct application of art media.

ART 302 3 credits

Drawing

The key compositional elements in drawing are explored using visuals, lectures, and the application of the principles of design in studio work. This introductory course for non-art majors is designed to develop skills by direct application of art media.

ART 304   3 credits

Painting

The key compositional elements in painting are explored using visuals, lectures, and the application of the principles of design in studio work. This introductory course for non-art majors is designed to develop skills by direct application of art media.

ART 310   3 credits

Exploring Art Media

This course explores and demonstrates a variety of art media and tools: tempera, water color, clay, collage, textiles and others. This course is recommended only for education majors.

ART 315   3 credits

Watercolor Painting I

This is an introductory course in watercolor using the study of design concepts, color exercises, and the application of fundamental watercolor techniques. Traditional and contemporary watercolor paintings are examined. Student work is used in evaluation and critique. Students' portfolios are a requirement in grading the course.

ART 316   3 credits

Watercolor Painting II

This course is designed so students may study more in depth traditional and contemporary water color. Students will express their style using a variety of techniques. Composition, design and critiques are an important part of the student portfolio. They are a requirement for grading this course. Prerequisites: ART 315 or permission of the instructor

BAC 101   3 credits

Accounting I

This course studies the double-entry accounting system, including: the accounting cycle, books of original entry, preparation of journal entries, worksheets, the trial balance, and statements of financial position and income. Emphasis is on the proper recording and reporting of assets, liabilities, equity, revenue, and expenses.

BAC 102   3 credits

Accounting II

This course is an introduction to financial statement analysis and managerial accounting. It provides a study of cash flow, financial ratios, elements of cost in business organizations, basic cost behavior patterns, contribution approach to decision analysis, cost-volume profit analysis, budgeting, and a basic understanding of taxes for individuals and corporations. Prerequisites: BAC 101

BAC 190   3 credits

Tax Help Practicum

This course is an elective available to any Wilmington University undergraduate student. It is offered in cooperation with the Delaware EITC Campaign and The Nehemiah Gateway Community Development Corporation. It is graded Pass/Fail.

The course has two components: distance-learning and service-learning on tax law, tax theory, and tax return preparation. When students complete the academic distance-learning portion of the program, they participate in a community program helping low and moderate income taxpayers file their federal and state income tax returns. An emphasis is placed on tax credits which benefit lower income working families, such as the Earned Income Tax Credit (EITC), Child Tax Credit, Dependent Care Tax Credit, etc. Following the on-line tax instruction, students complete 30 hours of community service (at least 3 hours per week between January 15 and April 15) at a local IRS VITA (Volunteer Income Tax Assistance) site. Students work under the supervision of a tax professional Site Manager whose job is to answer questions and review each return upon completion. The tax sites are certified by the IRS so that there is no student liability for errors. Students will be able to choose a tax site and schedule which is convenient to them. Students who successfully complete the course will be awarded the DE EITC Campaign/IRS certification. For students who have completed BAC 321, Tax Accounting I, participation in the academic portion of the course is voluntary; however, an eight-hour (one day) tutorial on the use of the tax preparation software is required. Graduate students are welcome in the course, but no graduate credit can be awarded.

BAC 201   3 credits

Intermediate Accounting I

This course provides an in-depth study of accounting concepts and principles presented in the introductory accounting courses. Students will examine in detail the preparation of the balance sheet, statements of income, retained earnings, and cash flows. The course includes a comprehensive analysis of financial transactions affecting the proper recording and reporting of assets. Prerequisites: BAC 102 GPA 2.0

BAC 202   3 credits

Intermediate Accounting II

This course is an intensive review of the analysis, recording, and reporting of financial transactions affecting liability and equity accounts. Accounting for investments, pension plans, leases, income taxes, and accounting changes are covered, along with an in-depth review of basic financial statement analysis. Prerequisites: BAC 201

BAC 301   3 credits

Cost Accounting I

This course serves as an introduction to the fundamentals of cost accounting, with emphasis on costing systems in the service, merchandising, and manufacturing sectors. The use of budgets and standards are studied as keys to planning and control, including flexible budgets and variance analysis. The use of cost information for various decision and control purposes is also studied. Prerequisites: BAC 202

BAC 302 3 credits

Cost Accounting II

This course is a detailed study of the accountant's role in developing cost analyses for management decisions. The areas of cost allocation, joint products, costing systems, capital budgeting, cost management, inventory management, transfer pricing, and performance measurement are covered. Prerequisites: BAC 301

BAC 321 3 credits

Tax Accounting I

This course analyzes the determination of taxable income of individuals and business entities for federal income tax purposes. Emphasis is on all of the aspects of accounting that are necessary to complete the returns in accordance with federal income tax law. Prerequisites: BAC 202

BAC 322 3 credits

Tax Accounting II

A continuation of Tax Accounting I, this course examines present federal income tax law and develops an understanding of the accounting principles and procedures involved in preparing tax returns for partnerships, estates, trusts, and corporations. Prerequisites: BAC 321 GPA 2.0

BAC 330 3 credits

Financial Fraud Examination

This course is an introduction to the skills and knowledge necessary to prevent, detect, and investigate financial frauds. The focus is on the causes of fraud, methods for investigating fraud within organizations, and what organizations can do to prevent and detect fraud. The course is open to accounting, criminal justice and all other students interested in this subject matter. Prerequisites: For Criminal Justice students only, CRJ 101

BAC 401 3 credits

Advanced Accounting I

This course examines problems relating to business combinations, consolidated financial statements, debt restructuring, corporate reorganizations, and liquidations. Prerequisites: BAC 202

BAC 402 3 credits

Advanced Accounting II

The special topics in accounting theory reviewed in this course are: foreign operations, interim and segment reporting, partnerships, governmental and not-for-profit fund accounting, and estates and trusts. Prerequisites: BAC 401

BAC 423 3 credits

Auditing

This course is an introduction to generally accepted auditing standards, concepts of internal control, analysis and tracing of financial transactions, and opinions expressed on the fair presentation of financial statements by certified public accountants. Prerequisites: BAC 202

BAC 435 3 credits

Accounting Information Systems (AIS)

This course is a study of accounting information systems in a business environment. Emphasis is placed on information and document flow; internal control; data organization; and the analysis, design, development, and audit of computer-based accounting systems. Theory will be combined with experience using a commercial software package. Prerequisites: BAC 423 GPA 2.0

BAC 490 3 credits

Internship in Accounting

This course provides the student with on-the-job experience in any one of the many accounting fields. Students gain practical experience, while enhancing skills learned in the classroom, and acquire important contacts with accounting professionals. Students must have completed a minimum 60 credits, a minimum of 12 credits in the business core, and have a minimum GPA of 2.5. This course is graded pass/fail.

BAM 302 3 credits

Aviation Safety

This course is an in-depth study of aviation safety, including the causes and investigations of aircraft accidents, safety awareness in aviation systems management, and the development of aircraft accident prevention programs. The focus is on the various human, mechanical, and environmental factors that impact aviation safety.

BAM 306 3 credits

Air Traffic Control

This course is an in-depth examination of the United States air traffic control system, including the history of its development. Both the current system and the system envisioned for the future by the National Airspace System Plan are discussed. Special emphasis is placed on a close look at how air traffic controllers perform their duties.

BAM 410 3 credits

Government and Aviation

This course focuses on the role of the U.S. government in the development and regulation of the aviation industry. Emphasis is placed on comparing the pre-1978 regulated environment with the "deregulated" environment. Conventions, agreements, and acts are examined, including the impact of international bodies, domestic courts, and regulatory agencies. Prerequisites: HIS 303 GPA 2.0

BAM 411 3 credits

Airport Management

This course is a study of the development of airports and the functions and responsibilities of airport management. The course provides an historical background and studies the roles

of various governmental agencies in the management and regulation of airports. Prerequisites: BBM 201 and BMK 305

BAM 412 — 3 credits
Airline Management

This course offers an in-depth study of airline management in the environment of "deregulation." Students will analyze data and apply business and management principles through planning, organizing, equipping, and staffing a "paper" airline. Prerequisites: BCS 206, BBM 201, BMK 305, and FIN 305

BAM 460-469 — 3 credits
Topics in Aviation

This is an intensive study of selected contemporary topics related to aviation. Prerequisites: BBM 201 and BBM 301

BAM 490-494 — 3 credits
Internship in Aviation Management

This is an approved internship in a selected aviation management activity. The course is graded pass/fail.

BBM 100 — 1 credit
Customer Service Workshop

This course is a half day customer service workshop addressing the importance of customer service, telephone techniques, and handling the difficult customer.

BBM 102 — 3 credits
Introduction to Business

This course is designed to provide a broad overview of the functions of the business entity. Business and its environment, organization and management, finance, production, marketing, human resources, and control systems are reviewed.

BBM 103 — 3 credits
Introduction to Public Administration

This course is an introductory evaluation of public administration in multi-disciplinary terms as a policy process, management vehicle, and bureaucratic structure. The scope of the course is necessarily broad, with the clear expectation that students develop rigorous conceptual strength as a foundation for the analysis of both theories and issues.

BBM 201 — 3 credits
Principles of Management

This course introduces students to major concepts and principles of the business organization, including authority and responsibility span of control, hierarchy, delegation, and functionalization. The management process (planning, organizing, staffing, directing, and controlling) is presented with particular attention to behavioral dimensions. Prerequisites: ENG 101

BBM 301 — 3 credits
Organizational Behavior

The dimensions of organizational behavior are examined with particular emphasis on formal organizations, individual and group processes. Tools and methods available to a manager for integrating individuals and groups in business are reviewed. Prerequisites: BBM 201

BBM 302 — 3 credits
Business and the Environment

The course will focus on how business operates within the environment. It will first concentrate on the history of environmental legislation and the early response of business to environmental responsibility. The course will then provide a basic understanding of environmental science and environmental issues as they relate to industry, sustainability, and strategic decision frameworks that will aid a corporation in meeting its environmental responsibility. Prerequisites: BBM 201

BBM 310 — 3 credits
Materials Management

This course analyzes the flow of materials from the raw stages through the finished product. Purchasing requirements are reviewed, and effective storage and inventory of goods are analyzed. Methods for receiving, inspecting, packaging, shipping, assembly, and finishing products are examined. Prerequisites: BBM 201

BBM 315 — 3 credits
Supervisory Management

The supervisor's relationship to the total management environment is analyzed. The supervisor's management efforts are discussed, as well as the relationship between supervisor and individual employee. This contemporary course is helpful to any student interested in the principles and practices of effective supervision. Prerequisites: BBM 201

BBM 319 — 3 credits
Business Ethics

This course begins with a consideration of the meaning of ethics. Several philosophical approaches to ethics are reviewed. Ethical decisions are examined regarding consumers, employees, and relations with the rest of society. Every effort is made to define ethical conduct in the theoretical and pragmatic sense so that students are aware of the concept of ethics and its importance. Prerequisites: BBM 201

BBM 320 — 3 credits
Business Communications

This course is a detailed study and application of various types of oral and written communication used in business. Included are technologies that enhance communication effectiveness, international considerations, presentation and interviewing skills, and written forms of communication such as memos, procedures, resumes, and formal reports. Students' writing skills

are evaluated through written assignment during the first class. Prerequisites: ENG 102 and BBM 201

BBM 330   **3 credits**
Power and Negotiation
This course examines how managers and other stakeholders both inside and outside of the organization interact to create means by which to assure the rights and duties of various parties within an organization. Political processes are evaluated to understand how power is leveraged. Negotiation techniques and factors contributing to negotiation success for managers are examined. Prerequisites: BBM 201 GPA .67

BBM 331   **3 credits**
Business and Society
This course uses the concept of social responsibility to address the role of business in society. Social responsibility is concerned with company values, responsibilities, actions and outcomes that affect employees, investors, business partners, communities, and other stakeholders. Focus is on exploring issues including executive compensation, workplace ethics, the natural environment, government regulation, information technology, diversity, corporate governance, philanthropy, and volunteerism.

BBM 350   **3 credits**
Introduction to E-Commerce
This course exposes students to a survey of all of the key issues regarding e-commerce, including web sites, legacy database systems and the web, choosing a server, security, managing the web, marketing and technical aspects, approaching the .com market, and basic e-commerce concepts. Prerequisites: BBM 201

BBM 351   **3 credits**
Small Business Management
This course provides the student with a combination of theoretical and practical knowledge in the area of small business management. The unique characteristics of small businesses are examined. The course makes the student aware of ideas, concepts, and philosophies important to the success of small businesses. Prerequisites: BBM 201

BBM 355   **3 credits**
Quality Management
This course concentrates on the tools required to create a total quality work environment. Emphasis is on improving leadership abilities, employee involvement/teamwork, and initiating performance management techniques to measure progression. Troubleshooting techniques useful when a team is at an impasse are discussed. In addition, quantifiable processes are introduced to measure performance variability of different processes through statistical quality controls. Prerequisites: BBM 201

BBM 370   **3 credits**
Global Business Management
This course presents an analysis of areas involved in managing business in an international environment. Areas of concentration include: political, legal, economic, cultural, and financial factors which influence doing business in a foreign country. Additional factors of human resource management and strategic planning will be addressed. To operate effectively, businesses must understand the differences between managing solely in a domestic environment compared to an international one. Prerequisites: BBM 201

BBM 400   **3 credits**
Current Topics in Business Leadership
This course includes discussions on current topics in the area of leadership and management, including organizational issues, leadership styles, and ethical considerations. Case studies, class discussion, and guest speakers will enhance the principles learned throughout the Organizational Management curriculum. Prerequisites: BLA 303, Organizational Management major

BBM 401   **3 credits**
International Communication
This course is designed to provide students with an intermediate background on improving the effectiveness of and reducing the barriers to communication among various cultures. The course examines cultural self-awareness, oral and nonverbal communication differences globally, preparation for work assignments for organizations overseas, including intercultural communication differences relating to meetings, negotiations, and social relationships. Prerequisites: BBM 320 and BBM 370

BBM 402   **3 credits**
Strategic Management
This course examines the theory and practice of defining and implementing business policy. It presents actual case studies of business organizations, including the determination of top-level company policy in such functional areas as finance, marketing, and production. The national ETS Business Exam will be administered during this course. The content of the examination assesses the basic knowledge and understanding gained in the core business curriculum. All prerequisites must be completed prior to registering for this course. Prerequisites: BAC 102, BBM 201, BBM 320, BLA 303, BMK 305, ECO 102, FIN 305, and MAT 301 or MAT 308

BBM 405   **3 credits**
Organizational Project I
This course is the first portion of the capstone course for the Organizational Management program. Students will be guided through a structured process of identifying an organizational problem in their current or previous workplace, developing a problem statement, constructing the problem background, and doing a literature review. The course is presented mostly online and supported by three 3-hour seminar sessions scheduled over a 15-week period. Student attendance at all seminars is required. Prerequisites: Organizational Management major

BBM 406   **3 credits**

Organizational Project II

This course is the second portion of the capstone course for the Organizational Management program. Students will be guided through a structured process of gathering and analyzing data, identifying current problem-solving tactics and providing recommendations to resolve the dilemma. Students must synthesize the material learned throughout the Organizational Management curriculum. The course is presented mostly online and supported by three 3-hour seminar sessions scheduled over a 15-week period. Student attendance at all seminars is required. Prerequisites: BBM 405, Organizational Management major

BBM 411   **3 credits**

Operations and Systems Management

The course reviews the design, operation, control, and monitoring of the operations system in a variety of organizations. Topics include forecasting, operations planning and scheduling, materials requirements, purchasing, process design, and quality management. Additional analysis of major problems faced by operations managers at different levels of management is included. Prerequisites: ENG 102, BBM 201, and BBM 301

BBM 412   **3 credits**

Project Management

This course focuses on the various functions associated with managing a project. Topics covered in the course include: the project manager role, relating the statement of work (SOW), scheduling processes, estimating methodologies and budgeting, quality, risk management, communications, procurement, team structures/practices, and understanding the importance of establishing variance and change thresholds for scope and control. Students will gain knowledge in starting, controlling, managing, and completing diverse projects in addition to solving problems associated with these projects. Prerequisites: BBM 320 and MIS 320

BBM 460-469   **3 credits**

Topics in Business Management

This course is an intensive study of selected contemporary topics in business management. Emphasis is placed on research in areas pertinent to the current business environment such as customer service, leadership, and working in teams. The focus for each section will vary. Students should refer to the course listing bulletin for current topic. Prerequisites: Senior status or permission of the instructor, BBM 201 and BBM 301

BBM 490-491   **3 credits**

Internship in Business Management

This course provides the student experience in his/her chosen field of study. Through this experience, the student gains a practical understanding of work in the industry, experience on the job, enhancement of skills learned in the classroom, and contacts with professionals in the business world. Students may work on either a full-time or part-time basis for a 14-week semester. Students must have completed a minimum 60 credits, a minimum of 12 credits in the business core, and have a minimum GPA of 2.5. This course is graded pass/fail.

BCS 205   **3 credits**

Personal Computer Operations I

This course is a basic introduction to computer hardware and software, with major emphasis placed on computer utilization. It utilizes the use of Windows-based operating systems and Corel-based word processing, computer presentations, and spreadsheet software. Students are introduced to some historical aspects of computerization as well as the current environment. Students will also receive an introduction to "Blackboard," Wilmington University's online learning platform. Students who have completed BCS 206 or BCS 210 should not register for BCS 205.

BCS 206   **3 credits**

Computer Applications for Business

This course provides a hands-on introduction to personal computers and their use in meeting a wide variety of business needs. It explains how to use a computer, the care and handling of storage media, and the use of peripheral devices. It emphasizes the use of Windows-based operating systems and Microsoft Office-based word processing, computer presentations, and spreadsheet software. Students will also receive an introduction to "Blackboard," Wilmington University's online learning platform. Students who have completed BCS 205 or BCS 210 should not register for BCS 206.

BCS 210   **3 credits**

Computer Science

This course - for iTAC majors only - introduces both the theory and application of modern day computing and how market forces have influenced developments. It compares the Macintosh platform with the PC platform and looks at file preparations, file management, storage, and retrieval on both. Particular emphasis is placed on the role of the Macintosh platform in the design world, so students are prepared for courses in the iTAC Division, where the main tool is the Macintosh platform running applications such as Desktop publishing, digital image manipulation, web page design, and video editing software. Students will also receive an introduction to "Blackboard," Wilmington University's online learning platform. Students who have completed BCS 205 or BCS 206 should not register for BCS 210.

BCS 305   **3 credits**

PC Operations II

This course is an advanced, hands-on course focused on understanding the concepts of databases - how to create them and how to use them. The instruction is divided into two phases. The first is directed toward learning how to use database management software to assimilate and manipulate data. The second phase will be centered on the methodology for inputting and reporting the information in the most coherent way. The entire course will be guided by the use of good Systems Analysis techniques.

BCS 307   **3 credits**

Computer Presentations

This is an advanced, hands-on course designed to master skills in using the computer to assist in making oral presentations. Emphasis is placed on creating presentations using PowerPoint in conjunction with multimedia equipment (CD/DVD, and scanner). Prerequisites: BCS 205 or BCS 206 or BCS 210 or demonstrated computer proficiency

BFM 300   **3 credits**

Fundamentals of Finance for Managers

This course surveys the most common financial terms and concepts useful to provide an initial level of comfort and understanding of the finance function. The course examines the role of finance in relation to other business functions by beginning with a brief overview of accounting topics that are linked closely with finance and the other typical functions in the business organization. The course introduces the basic tools for financial administration, financial analysis, planning and control, investment decisions, management of sources and uses of funds, valuation techniques, and the time value of money. Prerequisites: Organizational Management major

BLA 200   **3 credits**

Small Business Law

This course addresses the legal aspects of starting and operating a business. It focuses on topics of major interest to small businesses Including the uniform commercial code and applicable government laws and regulations, including those related to small business taxation.

BLA 300   **3 credits**

Law for Life

This course introduces the student to the legal aspects of a variety of life events, from everyday transactions to buying a home and planning an estate. Through lectures, discussions, and mock transactions, it provides students with an understanding of these events and the role they will play in their lives.

BLA 303   **3 credits**

Legal and Ethical Environment of Business

This course examines legal and ethical aspects affecting business organizations. Topics included are: ethical issues in the business environment, laws relating to contracts, principal and agency relationships, personal property, real property, uniform commercial code, estates, trusts, and government regulations affecting business operations. Prerequisites: ENG 102 and BBM 201

BLA 305   **3 credits**

Business Law for Accounting and Finance Majors

This course is designed for Accounting and Finance majors. Topics include contracts, the Uniform Commercial Code, debtor-creditor relationships, business organizations, and government regulation of business and property.

BMK 220   **3 credits**

Principles of Advertising

This course studies integrated advertising, promotion, and marketing communications. Areas covered include advertising, management, design and strategies; the selection of media; the role of trade shows, consumer promotions, personal selling and public relations as it relates to marketing, and the impact of internet marketing. This is a marketing elective.

BMK 222   **3 credits**

Public Relations

This course will introduce students to the basic principles of public relations. Upon completion, the student will understand research, how to develop a public relations plan, and how to evaluate its results. The course will also introduce students to myriad technologies utilized by today's public relations professionals. This is a marketing elective.

BMK 300   **3 credits**

Design for Marketing

This course focuses on the role of design in marketing communications with an emphasis on "brand identity." Case studies of effective brand identity programs allow students to explore and critique brand expressions Including print materials, website, video, and television advertising. Students also will be introduced to basic visual aesthetics and the relevance of good design.

BMK 305   **3 credits**

Marketing

This course is an introduction to marketing, emphasizing the problems of policy determination by management. The nature and operation of marketing functions, consumer preferences, product planning, promotion, distribution, and pricing are studied. Environmental factors affecting marketing processes are also examined. This is a required marketing course for all business majors.

BMK 308   **3 credits**

Global Marketing

This course is designed to facilitate an understanding of global marketing issues. Specific attention will be paid to cultural sensitivity in all facets of the marketing and promotional mixes, marketing research, and market development. This is a marketing elective. Prerequisites: BMK 305

BMK 310   **3 credits**

Business to Business Marketing

This course examines practices, strategies, and managerial problems unique to marketing and distribution of products and services to industrial and business buyers. Additional factors examined are procurement and sales practices, and cost and price analysis. This is a required marketing course for marketing majors. Prerequisites: BMK 305

BMK 311   3 credits

Sales Force Management

This course is a study of managing the sales process as it relates to marketing. The following factors are examined: the importance of proper management of new product/service development, examination of consumer markets, and current trends towards Internet, direct mail, and telemarketing. This is a marketing elective. Prerequisites: BMK 305

BMK 312   3 credits

Personal Selling

This course examines the role of personal selling in the marketing mix. Students learn theory and gain practice in prospecting, presenting, overcoming objections, closing, and follow-up. They also have opportunities to meet and talk with successful salespeople from many businesses and organizations. This is a marketing elective. Prerequisites: BMK 305

BMK 320   3 credits

Consumer Behavior

This course analyzes how psychological variables and social influences affect an individual's or household's buying behavior, both domestically and globally. Students learn why and how any purchase situation has an effect on consumer behavior; and they gain an appreciation and understanding of how consumers handle all the behavioral variables and incoming stimuli that affect their problem/need-solving processes. This is a required marketing course for marketing majors. It also is an elective for psychology majors. Prerequisites: BMK 305

BMK 321   3 credits

Marketing Research

This course examines the systematic design, collection, analysis, and reporting of data relevant to the marketing function within the organization. It specifically addresses the growing role that technology plays in predicting consumer behavior, marketing trends, addressing marketing problems, and the development of new products and services. This is a required marketing course for marketing majors. Prerequisites: BMK 305 and MAT 301 or MAT 308

BMK 333   3 credits

Services Marketing

This course focuses on knowledge needed to implement service strategies for competitive advantage across industries. In addition to traditional marketing mix topics (product, price, place, and promotion), this course will thoroughly investigate services marketing in terms of understanding and meeting customer requirements, aligning service design and standards, delivering and performing service, and managing service promises, while establishing long-term relationships. Prerequisites: BMK 305

BMK 344   3 credits

Logistics: Physical Distribution

This course focuses on the logistics of physical distribution. Topics include supply chain logistics management, operations (including inventory, transportation, warehousing, packaging and operational integration), design, and administration. Prerequisites: BMK 305

BMK 355   3 credits

Internet Marketing

This course investigates how "brick-and-mortar" organizations can incorporate the entrepreneurial and management side of internet marketing to create an online presence and increase market share. In addition to textbook and selected course readings, students will be introduced to e-marketing in a computer lab where they will evaluate search engines, construct blogs, web sites, and learn about other viral, email, social, and electronic-internet marketing. Prerequisites: BMK 305

BMK 366   3 credits

Entrepreneurship

The focus of this course is on the critical aspects of starting and maintaining a new business venture. The course takes the student from the point of seeing their new product, service, or idea as a "concept" to making it a reality. Important factors relating to financial, legal, economic, management, and especially marketing, are discussed with respect to the new ventures. This is a marketing or business management elective, and previously was listed as BBM 366. Prerequisites: BMK 305 and BBM 201

BMK 407   3 credits

Sports Marketing and Promotions

This course is designed to give students an understanding of the marketing process relative to the sports industry. Specific topics include: developing a marketing strategy, promotion, sponsorship, sales, advertising, and licensing. Note: This course previously was designated SPM 407. In addition to being a required course for sports management majors, it is a marketing elective for marketing majors. Students who already have credit for SPM 407 cannot get credit for BMK 407.

BMK 413   3 credits

Marketing Management

This course is the capstone course for marketing majors. Using various classroom techniques (e.g., simulations, case studies, etc.), students investigate approaches and problems of the analysis, planning, implementation, and control functions of a marketing plan in order to achieve desired marketing goals within an organization. This is a required course for marketing majors. Prerequisites: BMK 305, BMK 320, and BMK 321

BMK 460   3 credits

Current Topics in Marketing: Job Search Strategies

Using the "4-P's" marketing model as a metaphor, this practical, hands-on course will allow students to learn job-hunting and career-changing strategies. Students will first assess

themselves as "Product" (in terms of their skills, experiences, and education), "Price" themselves (in terms of learning how to negotiate salary plus total compensation), and finally "Physically distribute" or "Place" themselves (by deciding where they want to work, live and recreate). They also will identify key "Target Markets" (potential employers), as well as learn how to "Position" themselves (in terms of what makes them a unique and best-qualified job candidate). Prerequisites: BMK 305 and junior or senior status

BMK 490   3 credits
Marketing Internship
This course provides the student with on-the-job experience in any one of the many marketing fields. Students gain practical experience, while enhancing skills learned in the classroom, and acquire important contacts with marketing professionals. This course is graded pass/fail. This is a marketing elective. Prerequisites: BMK 305

COM 240   3 credits
Broadcast Journalism
The principles of news worthiness, news selectivity and news writing for the electronic media will be examined and applied through work at the campus audio and television facilities. The course will emphasize the rights and responsibilities of radio and television journalism. Prerequisites: TEC 101 and TEC 102

COM 245   3 credits
Writing for the Media
This course is designed to improve effectiveness in communication by developing prewriting, writing, and rewriting skills. Students will learn how to organize their ideas in a clear, methodical manner with emphasis on concept development. This course will explore various techniques used to produce scripts for spot advertisements, corporate video, television pilots, and features (movies). Students will produce scripts for radio and television spots and a short corporate video, as well as go through the story development process for a feature-length screenplay or television pilot. Prerequisites: ENG 101

COM 300   3 credits
Communication Theory
This course examines various popular theories of interpersonal and mass communication, with emphasis on mass communication. The ways in which society and mass communication affect each other are critically examined, with the goal of developing the students' own ideas, opinions, and preferences concerning these theories. Students will receive practical assistance in the areas of speaking, reading, writing, listening, and research. An advanced library orientation has been incorporated as part of this course. Prerequisites: COM 245 or ENG 102

COM 303   3 credits
Introduction to TV Studio Production
This introductory course, designed to promote a basic understanding of how the television studio process works through theory and practice, allows students the opportunity to assume the various production roles found in a television studio. Students will learn the different studio and control room duties, including writer, producer, director, floor manager, camera operator, and technical director. Students will also have a working knowledge of video engineering and audio engineering. Prerequisites: TEC 101 and TEC 102

COM 306   3 credits
Script Writing
This course builds on theories and techniques introduced in Writing for the Media. By reading and analyzing professional scripts (for both produced and yet-to-be-released projects), students will learn the techniques currently used in the industry and develop the skills to execute them. Students will complete the script for the feature (movie) developed in "Writing for the Media". Rewriting and methods of "breaking in" will also be covered. Prerequisites: COM 245

COM 307   3 credits
Streaming Media
Creating streaming media is a multi-step process incorporating audio, video, and any other visual medium. Students will learn how to create streaming media projects. To create such projects, students will learn compression techniques, embedding techniques, and best practice methods for deploying streaming media. Additional topics of discussion include market research techniques, copyright issues, storyboarding, and scripting. Prerequisites: TEC 101 and TEC 102

COM 310   3 credits
Legal Aspects of Communication
Students will examine various aspects of the law and mass communications in America. Special emphasis will be given to the evolution of present day interpretations of the First Amendment, censorship, libel, obscenity, privacy and public access to the media. In addition, students will study copyright law and government regulation of the media.

COM 311   3 credits
The Early History of Film
This course is designed to introduce students to the art of film and its early history. It will cover major trends, methods and issues in theatrical film history up to the Hollywood cinema of the 1950's.

COM 312   3 credits
The Modern History of Film
This course is designed to introduce students to the art of film and its recent history. It will cover major trends, methods, technologies and issues in theatrical film history from the 1960s to modern-day cinema. Emphasis will be placed on the rapid technology changes in modern film history.

COM 322 3 credits

Aesthetics of Film

The course examines the motion picture as an art form. Elements of film such as writing, photography, acting, and editing are examined with emphases on the director's role as a manipulator of these elements. To illustrate the interplay of these elements, selected feature films are screened and analyzed.

COM 331 3 credits

Single Camera Video Production

This course is designed to develop the students' understanding of a single camera portable approach to moving image production using corporate-level equipment. The course will also develop techniques in planning, shot selection, sequential imaging, continuity, and editing. Prerequisites: TEC 102

COM 335 3 credits

Corporate Video Production

This course is designed to provide students with an overview of industrial video production and script writing for applications in business, education, and industry, as well as for marketing and advertising purposes. Students will be expected to produce an industrial video. Prerequisites: COM 331

COM 344 3 credits

Writing and Reporting for the News Media

This course examines how to report, write, and edit news for the mass media, including newspapers, magazines, newsletters, radio, and television. Emphasis will be on methods and styles of writing pertaining to various media, stressing differences in the approach demanded by each medium. Prerequisites: ENG 101

COM 345 3 credits

Field Journalism

This is an intermediate course that builds upon COM 344-Writing and Reporting for the News Media. Students will use the principles and techniques of news writing and reporting acquired in COM 344 and expand these concepts to actual news gathering in the field. Both Broadcast and News Media styles of reporting will be explored. Students will use both still and video cameras to fulfill their assignments. Prerequisites: TEC 101 and TEC 102 and COM 344

COM 350 3 credits

Ethics in Journalism

This elective course covers an examination of journalistic codes and standards as they apply to the broadcast, new media, and print journalists' abilities to confront legal and ethical issues and problems faced on a daily basis. Additionally, students will learn press responsibilities using case studies, by reviewing historic and current approaches in reporting methodology.

COM 360 3 credits

Human Computer Interface Design

This course looks at the information architecture and discusses usability vs. aesthetic visuals. Students will learn how to implement man/machine interfaces via design principles. Prerequisites: DSN 210 and DSN 220

COM 401 3 credits

Producing the Documentary

This course is an introduction to the theoretical foundations required for creating a documentary. Students will gain an understanding of how this genre is similar to and different from other television programming. The course will further develop scripting techniques and all facets of video pre-and post-production. As part of this course, students will produce a short documentary. Prerequisites: COM 245 and COM 331

COM 412 3 credits

Introduction to TV News Production

This course is designed to teach students how to plan, write, report and produce news program. Students further enhance their skills through the creation, development, and execution of hands-on productions. In this course, each student will be part of a team producing two news programs. One news program will be 5 minutes and another will be 15 minutes. Prerequisites: COM 303 and COM 420/COM 422

COM 413 3 credits

Advanced TV News Production

This course covers advanced theory and practice of video production, concentrating on television news and news type programming. Students will learn directing, studio camera production and editing techniques. Each student will be part of a team to produce two 20 minute newscasts. Prerequisites: COM 412

COM 420 3 credits

Non-Linear Editing - PC

This course introduces the technology and practice of digital editing, from the conversion of analog video and digital capture to final assembly. The course covers a basic introduction to editing software, including importing files, assembling, applying transitions, and adding titles. Editing techniques and theory are also covered. Prerequisites: TEC 101 and TEC 102

COM 421 3 credits

Advanced Non-Linear Editing—PC

This second of two non-linear editing courses furthers the theory of editing with the various technical editing skills needed to edit a television show or digital film. Building on the abilities developed in Intro to Non-Linear Editing, students will exhibit proficiency in all areas of film editing. New techniques learned, but not limited to, will include chroma keying, importing from other programs such as After Effects and Photoshop, troubleshooting, audio sweetening, and color correction. Prerequisites: COM 420

COM 422   3 credits

Non-Linear Editing—Mac

This course introduces the technology and practice of digital editing, from the conversion of analog video and digital capture to final assembly. The course covers a basic introduction to editing software, including importing files, assembling, applying transitions, and adding titles. Editing techniques and theory are also covered. Prerequisites: TEC 101 and TEC 102; or GMD 105

COM 423   3 credits

Advanced Non-Linear Editing—Mac

This second of two non-linear editing courses furthers the theory of editing with the various technical editing skills needed to edit a television show or digital film. Building on the abilities developed in Intro to Non-Linear Editing - Mac students will exhibit proficiency in all areas of film editing. New techniques learned, but not limited to will include chroma keying, importing from other programs such as After Effects and Photoshop, troubleshooting, audio sweetening, and color correction. Prerequisites: COM 422

COM 425   3 credits

Podcasting

The ability of audio and video to be globally distributed through the Internet has created exciting technology that is affordable for nearly everyone. With the advance of MP3 players, and their availability in just about every imaginable kind of device, the technology has become ubiquitous in today's society. This course will teach students how to get a quality podcast up and running—from planning to recording, editing and preparing your file, to getting heard, finding clients and making money. Prerequisites: COM 420/COM 422, DSN 210, TEC 101 and TEC 102

COM 431   3 credits

Media and Society

This course examines the mass media and its influence on society. Students will compare how the press and the television and entertainment industries create images and perceptions for or against established social and political structures at home and overseas. The course will make students conversant with the economic, social, political, and cultural pressures which structure the way the media is produced and provide them with an understanding of the same theories against which it is measured.

COM 460   3 credits

Topics in Communication

This course surveys contemporary subjects and current events pertaining to communication. Prerequisites: Permission Required

COM 485   1 credit

Senior Project A

This course is designed as a directed workshop to allow senior year students the opportunity to practice their specialization in a production environment. The workshop is divided into two sessions (A and B), one for each block of the semester. Session A covers the pre-production stage, and Session B covers the production and post-production stages. Students will agree upon a realistic project in their main competency area(s) with their instructor. Having also agreed upon a timetable for their project's completion, the students will then begin a required minimum 30-hour flexible workshop where they must prepare a clear and comprehensive pre-production plan which follows the timetable. The students must also develop an appropriate corporate style and logo to accompany their project. Prerequisites: Permission required

COM 486   2 credits

Senior Project B

This course is designed as a directed workshop to allow senior year students the opportunity to practice their specialization in a production environment. The workshop is divided into two sessions (A and B), one for each block of the semester. Session A covers the pre-production stage, and Session B covers the production and post-production stages. Students will agree upon a realistic project in their main competency area(s) with their instructor. Having also agreed upon a timetable for their project's completion, the students will then begin a required minimum 30-hour flexible workshop where they must prepare a clear and comprehensive pre-production plan which follows the timetable. The students must develop an appropriate corporate style and logo to accompany their project. Prerequisites: Permission required

COM 487   3 credits

Senior Project C

This course is designed to allow senior year students the opportunity to practice their specialization in a production environment. At the start of the project, students will identify a realistic project in their main competency area(s) with a faculty mentor. Having agreed on a timetable for their project's completion, the students will then begin a required/flexible workshop where they must prepare a clear and comprehensive pre-production plan. The students must also develop an appropriate corporate style and logo to accompany their project. All work must be presented in the best possible manner, with well designed digitally published pages, a proper use of color, typography, etc., using their own corporate style and logo. This course may be completed as a directed study with a teacher of your choice or in a classroom setting.

COM 490-494   3 credits

Internship

This course will provide students with real-world experience in the field of communication where they will become acquainted with daily operations, while enhancing their professional skills and interacting with other communication professionals. iTAC

students wising to complete their internship requirements should review procedures at http:/wilmu.edu/itac/internships. Prerequisites: Permission required

CRJ 101   3 credits
Survey of Criminal Justice

This course is a survey of agencies and processes involved in the administration of criminal justice. The survey reviews the functions of the legislature, police, prosecutor, courts, and the correctional system. Problems of law enforcement in a democratic society are discussed. This course ties together all components of criminal justice and includes issues of both the juvenile and adult offender.

CRJ 205   3 credits
Principles of Criminology

This course is an introductory course in the study of crime and criminal behavior that examines various theories of crime causation, profiles of criminal behavior systems, societal reaction to crime, and structures of criminological methods of inquiry. Prerequisites: CRJ 101

CRJ 206   3 credits
Corrections and Rehabilitation

This course is an introduction to the various phases of the corrections system. Areas that are covered include a brief history of the corrections system, jails and prisons, prisoner profiles, activities and rehabilitation, and parole and probation. Prerequisites: CRJ 101 and CRJ 205

CRJ 207   3 credits
Introduction to Law Enforcement

This course reviews the fundamental principles of the structure and function of law enforcement agencies in the United States. The course emphasizes the institutional and occupational aspects of law enforcement across municipal, state, and federal levels, including methods, issues, and problems. Prerequisites: CRJ 101 and CRJ 205

CRJ 301   3 credits
Juvenile Justice

This course is a general orientation to the field of juvenile delinquency, including causation, development of delinquent and criminal behavior, initial apprehension, referral, and preventive techniques. Specific issues examined include chemical dependency, mental illness, and compulsive and habitual offenders. Special attention is given to the problems inherent in the police handling of juveniles and the functions of juvenile courts. Prerequisites: CRJ 101 and CRJ 205

CRJ 303   3 credits
Administration of Criminal Justice Organizations

This course examines the principles of scientific management as they apply to criminal justice organizations. Emphasis is on changing social responsibilities and major activities of criminal justice organizations. Information related to U.S. Court decisions on affirmative action, EEOC, liability and age,

as well as functional and organizational matters, is presented. Prerequisites: CRJ 101 and CRJ 205

CRJ 304   3 credits
Constitutional Law

This course is a general review of the Constitution and Bill of Rights, including the constitutional basis for criminal law in the United States. Governmental structure in the United States is analyzed, including the three branches of government and how they interrelate, as well as the division of state and federal power. Prerequisites: CRJ 101 and CRJ 205

CRJ 305   3 credits
Women and Crime

This course focuses on theoretical and contemporary issues involving female offenders. Students will have the opportunity to become acquainted with and evaluate social issues of crime relating to women. The course also examines women as victims and professionals in the field of criminal justice. Prerequisites: CRJ 101 and CRJ 205

CRJ 306   3 credits
Contemporary Correctional Systems

This course is designed to provide a general overview of correctional programs as they presently exist. The course includes an examination of the procedure by which offenders move through the system. The core of the course focuses on prison administration and strategies designed to "rehabilitate" the incarcerated. The course also examines the problems facing correctional systems and alternatives to such problems. Prerequisites: CRJ 101, CRJ 205

CRJ 310   3 credits
History of the Criminal Justice System

This course is designed to offer the student an overall historical perspective of the criminal justice system from ancient times through the 20th and early 21st centuries. Students will review the history of the three main components of the criminal justice system: police, courts, and corrections. Prerequisites: CRJ 101 and CRJ 205

CRJ 316   3 credits
Criminal Law

This course focuses on the goals, objectives, principles, and doctrines of criminal law and procedure. Special attention is paid to the law of search and seizure and the law of interrogation and confessions. Pretrial motions and proceedings and trial by jury are also examined. Prerequisites: CRJ 101, CRJ 205, and CRJ 304

CRJ 318   3 credits
Criminal Investigation

This course addresses the basic aspects of criminal investigation. It presents an overview of crimes and their elements and identifies the major goals of investigation. Various investigative techniques are discussed, and the criminal investigator's

relationship with individuals and other agencies is examined. Prerequisites: CRJ 101 and CRJ 205

CRJ 330 — 3 credits
Financial Fraud Examination
This course is an introduction to the skills and knowledge necessary to prevent, detect, and investigate financial frauds. The focus is on the causes of fraud, methods for investigating fraud within organizations, and what organizations can do to prevent and detect fraud. The course is open to accounting, criminal justice and all other students interested in this subject matter. Prerequisites: For Criminal Justice students only, CRJ 101

CRJ 333 — 3 credits
Organizational and Corporate Crime
This course provides an in-depth examination of organizational and/or corporate crime. Various topics are explored and contemporary cases representative of each topic are comprehensively studied. The class discusses the theoretical development of these concepts, as well as the laws and investigative techniques that have been developed to specifically address this type of criminal activity. Prerequisites: CRJ 101 and CRJ 205

CRJ 335 — 3 credits
Advanced Perspectives in Criminal Justice
This course presents a comprehensive overview of contemporary issues, procedures, and problems associated with the practicalities of law enforcement, the judiciary, corrections, and the juvenile justice system. The course also provides an in-depth examination of current and vital issues in criminal justice research, policy, process, substance, and procedure, as well as the political and ethical obligations and concerns associated with each component of the criminal justice system. Prerequisites: CRJ 101 and CRJ 205

CRJ 341 — 3 credits
Community Corrections
This course provides a survey of non-institutional programs focusing on alternatives to incarceration in community settings. Programs reviewed will include those that address pre-release, probation, parole, halfway houses, and restitution-based programs. Prerequisites: CRJ 101, CRJ 205, and CRJ 206

CRJ 350 — 3 credits
Computer Operations in Criminal Justice
This course provides an introduction to the basic principles of computers with respect to police information systems, Interagency Criminal Justice Information, the National Law Enforcement Telecommunications Systems, National Criminal Justice Computer System, (FBI) National Incident Based Reporting System, and a variety of databases used in the criminal justice system. The legal and ethical considerations will be discussed. Criminal justice information system databases will be reviewed for application to a variety of issues. Prerequisites: BCS 205, CRJ 101, and CRJ 205

CRJ 390-394 — 3 credits
Independent Study in Criminal Justice
Through independent study, the student is offered the opportunity to pursue individual special interests under faculty supervision. This course is graded pass/fail. Prerequisites: CRJ 101, CRJ 205, and junior or senior status and GPA of 2.5 or higher

CRJ 409 — 3 credits
Criminalistics
The scientific aspect of criminal investigation is examined, with emphasis placed upon the preservation, collection, and examination of physical evidence. The role of the forensic laboratory is presented, and the laboratory's capabilities and limitations are discussed. Prerequisites: CRJ 101, CRJ 205, and CRJ 318

CRJ 410 — 3 credits
Multicultural Issues in Criminal Justice
This course examines the diversity issues that impact the criminal justice system both internally and externally. The laws of civil rights in the workplace are reviewed, and the subjects of prejudice, stereotyping, discrimination, scapegoating, and racism are discussed within the context of the criminal justice system. Ethnicity and the treatment of minority groups in the system are reviewed. Prerequisites: CRJ 101 and CRJ 205

CRJ 411 — 3 credits
Criminal Evidence and Procedures
This course will examine the legal procedures for the collection and introduction of evidence at a criminal trial. A review of pertinent cases will help the student to sort through the complexities that govern the trial process. The anatomy of a trial will be presented. Search warrants, probable cause, the exclusionary rule, and hearsay will be topics of discussion. Prerequisites: CRJ 101, CRJ 205, CRJ 304, and CRJ 316, or Major in computer network security

CRJ 412 — 3 credits
Ethics in Criminal Justice
An examination of professional standards of behavior by criminal justice practitioners and the conflict with what is acceptable behavior in the system is provided in this course. Corruption, perjury, false reports, wrongful actions, and the code of silence will be discussed. Ethical behavior and the challenge of honesty and integrity are examined within the context of their origins. Prerequisites: CRJ 101 and CRJ 205

CRJ 413 — 3 credits
Research Methods in Criminal Justice
This course provides an introduction to basic research in criminal justice that is designed to prepare the student to understand research methods. Students will review quantitative, qualitative, and experimental methods as techniques in criminal justice research. Review and discussion of the process of analysis, interpretation and clarification of problems, the issue of confidentiality, and the terminology of research are

examined. Students will focus on preparation for the role of research consumer. Prerequisites: Senior status and all core criminal justice courses

CRJ 450   **3 credits**
Seminar in Criminal Justice
This is the capstone course for the Criminal Justice program. Students demonstrate research abilities, develop an in-depth understanding of the criminal justice system, and become acquainted with the range and scope of professional career options and settings within the system. Prerequisites: All CRJ core courses and senior status

CRJ 490-494   **3 credits**
Internship in Criminal Justice
CRJ 490-494 consists of supervised field placement in an agency related to criminal justice such as family court, a law enforcement agency, or a correctional facility. The course is graded satisfactory/unsatisfactory. Prerequisites: CRJ 101, CRJ 205, substantial number of core courses, junior status, and GPA of 2.5

DFM 200   **3 credits**
Introduction to Digital Film-Making
This course is an introduction to the theory and practice of digital film pre-production. It provides a basic understanding of digital film production technology, equipment operation, terminology, and techniques. Students will write, produce, budget (financing, fundraising), cast a pre-approved script, and obtain all necessary clearances needed for a short film.

DFM 300   **3 credits**
Directing Digital Films
This is an analytical/practical class intended to give students a basic understanding of the craft and art of directing the digital film. Through the study and analysis of scenes from shorts, features, film scripts, and a series of exercises, students will discover: the natural "beats" in a film; how to break down a script; how to work with actors; and how to develop a shooting strategy. Prerequisites: DFM 200

DFM 350   **3 credits**
Digital Film-Making II
This course is a continuation of Introduction to Digital Film-Making. The final phases of pre-production will take place, including scouting, script breakdown, scheduling, and rehearsing. For the remainder of the course, students will shoot and edit the project. The film must be a maximum of 5 minutes in length. Prerequisites: DFM 200, DFM 300

DFM 400   **3 credits**
Directing Digital Films II
In this culminating digital film-making course, students will plan, shoot, and edit an approved script. This course is designed to enable students to produce a short independent film. The entire class will work as the film crew. Students will participate in every aspect of the film production process: from casting to rehearsing, from shooting to editing the project. The final project should be no more than 12 minutes in length. Prerequisites: DFM 350

DIS 095   **0 credit**
Distance Learning Orientation for Students
Students who wish to take a distance learning course at Wilmington University must first complete the prerequisite course DIS 095, Distance Learning Orientation for Students. This orientation is a free, non-credit course that provides the student with the background knowledge necessary to engage in an online environment. The student will complete four self-paced activities: Online Learning overview for students, Blackboard Tool overview, University Online Learning guidelines, and a final assessment. The orientation can be completed on Blackboard in approximately 60 minutes.

DRA 105   **3 credits**
Introduction to the Theater
This all-encompassing course will introduce students to the various aspects of theater production. Topics include acting, directing, producing, and writing.

DRA 110   **3 credits**
Acting I
This introductory course will examine the purpose and underlying principles of acting, including the role of voice and body training in the projection of accurate characterization in dramatic productions.

DRA 111   **3 credits**
Acting II
This course is a continuation of Acting I. It will further explore voice and body training, presentation techniques, and also introduce students to improvisational methods used to enhance acting skills. Prerequisites: DRA 110

DRA 120   **3 credits**
Introduction to Directing
This course presents students with an overview of the directing process and different styles of directing, giving them varied experience in both directing and training actors. Prerequisites: DRA 110

DRA 140   **3 credits**
Origins and Early Forms of Theater
This course will survey the development of the theater from its beginning to the present day. Dramatic trends through the years will also be examined.

DRA 200   **3 credits**
Playwriting
Students will learn the principles of playwriting by writing short plays that will be performed by students in the acting and performance courses.

DRA 220   3 credits

Performance

This is the capstone course in the drama minor. Students will apply skills learned in previous courses in a theatrical production.

DRA 230   3 credits

Introduction to Scene Design

This introductory course covers the theory and practice of theatric design. Students will learn to analyze scripts to identify scenery needs and how to effectively sketch designs that will translate into actual sets.

DSN 105   3 credits

Visual Communication

This course is an introduction to media studies, with an emphasis on the elements of visual form and the basic characteristics of time-based media and the fundamentals of mediated communication. Through theory and practice, the course is intended to develop the perceptual/cognitive and intellectual skills that will enhance an analytical appreciation and understanding of print, electronic, and moving image media, especially for students interested in graphic design, web development, advertising, and other fields in which visuals play a key role.

DSN 110   3 credits

Fundamentals of Drawing

This introductory course allows students to practice framing subjects, including plant life and the human form, in the context of line, texture, light and dark, space and balance, scale and proportion, color, and form. An emphasis is placed on the development of aesthetic sensitivity.

DSN 112   3 credits

Digital Drawing

This introductory course allows students the opportunity to combine drawing skills with computer applications using a vector-based program. The student will work with line, texture, light and dark, space and balance, scale and proportion, color, and form. The course will concentrate on traditional methods of drawing techniques emphasizing the digital representation.

DSN 121   3 credits

Digital Publishing

This course introduces the student to the theory and operation of electronic publishing technology, emphasizing the integration of software programs such as page layout, word processing, and graphics. File options and the import of vector and bitmap graphics will be taught. The course will also examine the aesthetics and intricacies of typography, design, and page layout.

DSN 201   3 credits

Fundamentals of Motion Graphics

This introductory course covers the history and evolution of animation, as well as the theory and principles behind it. Students will practice timing, rhythm, and movement while exploring their design implications. Digital technology and basic computer animation software will be introduced through demonstration and practice. Prerequisites: BCS 210 and DSN 210

DSN 210   3 credits

Digital Image Manipulation

This course evaluates photographic image digitizing and manipulation of software and hardware. It examines the role of the computer as a tool in the photographic process. Students will learn the techniques of retouching and manipulating photographic images. Prerequisites: BCS 210

DSN 220   3 credits

Concept Development

In this course, students are introduced to media production by identifying the components of good production design, emphasizing the importance of problem solving, planning, and design functionality. The process of creative team dynamics is explored along with its principles and practices. Production planning, software, word processors, and desktop publishing software will be used to develop a pre-production file. Prerequisites: DSN 210

DSN 230   3 credits

Graphic Design Applications

The visualization of graphic design problems is explored using research techniques and hands-on experience in projects relating to real world situations. Several application programs are reviewed. The course concentrates on advertising, sales promotion, marketing, and Graphic Design Applicators. Prerequisites: BCS 210

DSN 241   3 credits

Color Theory

This course covers fundamental color principles, color characteristics, properties, and uses in art and design through blending with paint. Students will develop a basic vocabulary for color theory and recognition. Students will encounter color as a language and understand its position and possibilities in relation to form and design. Prerequisites: DSN 110 or DSN 112

DSN 301   3 credits

Introduction to 3D

This course demonstrates the critical concepts of 3D time and space, and helps explain the principles of 3D modeling, animation, dynamics and rendering. Prerequisites: DSN 201 and DSN 210

DSN 302 3 credits

3D Modeling Techniques

This course focuses on creating structures and objects in three dimensional space, working with polygons, planes, spheres, and hypernurb objects. Prerequisites: DSN 201, DSN 210, DSN 301

DSN 303 3 credits

3D Texture, Rendering and Lighting Techniques

Applying realistic textures to objects, lighting objects, scenes and individual channels, as well as rendering those objects/scenes out to still images for use on the web, print and animated scenes for video are covered in this course. Prerequisites: DSN 201, DSN 210, DSN 301

DSN 304 3 credits

Character Creation and Texturing

Building upon the basics of the Introduction to 3D, this course focuses on the creation of humanoid and non-humanoid characters. Good structuring techniques and modeling are emphasized. Students will create mapped textures using DI tools (like Photoshop) and include the assets into the 3D application. Prerequisites: DSN 301

DSN 305 3 credits

Character Rigging

This course focuses on the underlying skeleton structure of the characters created in the previous course, or samples provided. In addition to being applied to animation of characters, it also sets up the structure for integration into 3D game engines. Inverse Kinematics, Bones, and Meshes will be the core topics of this course. You will develop your creation's motion capabilities by learning the character rigs and skeletal structures used in 3D computer animation. Prerequisites: DSN 301

DSN 308 3 credits

Illustration

This course will expose students to the basic editorial, storytelling, and advertising illustration principles and techniques. Students will examine, from a historical perspective, illustrators; illustration trends; styles; and techniques, including print and animated motion pictures. Students will focus on visualization and sketching of concepts through traditional and nontraditional methods to explore digital means of manipulating illustrations. The course will also introduce the basic terminologies used in computer-based illustration. Prerequisites: DSN 110/DSN 112, DSN 210, DSN 230

DSN 310 3 credits

Advanced Motion Graphics

This course is an extension of DSN 201, Fundamentals of Animation. The student will manipulate text, computer animation, and motion graphics to create visual effects seen in commercial video. Students learn about composition, rendering, lighting direction, and time management. Projects allow for creativity as well as ability to adhere to guidelines and follow instructions. Prerequisites: DSN 201

DSN 315 3 credits

Typography

The principle goal of typography is the assembly of text in a fashion that is both easy to read and visually engaging. This course examines the historical, aesthetic, and cultural development of typographic forms and fonts. Students will explore historical styles and theories of type design, letter forms and typographic layouts, and their influence on modern and contemporary typography. Students will study type mechanics using type in a variety of design applications. Prerequisites: DSN 210, DSN 230

DSN 318 3 credits

Portfolio Production

Building a portfolio of accomplished images in individual areas of interest is an integral part of any design program. The portfolio is a constant work in progress that should regularly be upgraded and changed with new and better examples of the designer's work. This course provides the student with an opportunity to concentrate on building both the electronic and tangible (physical) portfolio that will be needed to showcase one's design work in order to further career and personal goals. Prerequisites: DSN 320

DSN 320 3 credits

Web Page Design

This course will develop the scripting skills necessary for web page design and introduce students to the basics of HTML. Prerequisites: DSN 210

DSN 325 3 credits

Multimedia Web Page Design

This course covers the fundamental concepts for creating a multimedia web page. Students will be expected to learn the differences in creating graphics by using shapes versus vector formats and then converting these formats to symbols, using these elements to further explore a 2-dimensional environment. When the basic skills are acquired, students will use these elements to create their own multimedia project, whether it is for CD or the web. Prerequisites: COM 360

DSN 326 3 credits

Intermediate Multimedia Web Page Design

This course builds on DSN 325 (Multimedia Web Page Design) by exposing the student to the next level of multimedia interactivity and action scripting. Students will become familiar with the process of publishing a multimedia web site. Prerequisites: DSN 325

DSN 401 3 credits

Publication Design

This course looks at the theory, technology, and preparation needed for a publication layout, print separation, print reproduction, and a print bureau file. The focus will include typographical design, design layout, scanning and importing files, file choice, and color. Logos and other symbolic images

will be examined in historic and contemporary context. Prerequisites: DSN 120

DSN 402 3 credits
Graphic Design of Brochures and Catalogs
In this course, students will get hands-on experience producing direct mail pieces, including brochures, advertisements, posters, and postcards. They will utilize an outside source to produce printed pieces as well as explore costs associated with printing. Prerequisites: DSN 120

DSN 410 3 credits
Advanced Digital Image Manipulation
This course extends the use of image-manipulating software to create new images, masks, layers, and type. Designs for video covers, book covers, etc., will be produced for the student's use in later publication. Prerequisites: DSN 210

DSN 415 3 credits
Packaging and Display Design
In this course, students will be expected to develop point-of-purchase displays along with product package design. Marketing strategy; manufacturing requirements; and product branding, with an emphasis on advertising, will be explored. Prerequisites: BMK 305

DSN 418 3 credits
Portfolio Production II
This course is a continuation of DSN 318 Portfolio Production, and is designed for students who wish to have further instruction or assistance in building a portfolio of their work, within the structured environment of the classroom. Prerequisites: DSN 318

DSN 420 3 credits
Advanced Web Page Design
This course builds on Introduction to Web Page Design to develop student skills at an advanced level. With this knowledge, students will be able to design, set up, and maintain web sites (Webmasters) at the corporate or institute level. Topics will be covered in a theoretical and practical way. The course includes a large component of hands-on computer work. Prerequisites: DSN 320

DSN 430 3 credits
Logo Animation
In this course students will create animated sequences and manipulate and refine them, using industry standard programs and techniques to create bumpers for television, web, and podcasts. (If you don't know what a bumper is, you need this course.) Prerequisites: COM 420/COM 422, DSN 201 and DSN 210

DSN 460 3 credits
Topics in Design
This course surveys contemporary subjects and current events pertaining to Multimedia Design, Networking and Internet design, or Television and Video Production Design. Prerequisites: permission required

ECE 201 3 credits
Health, Safety, and Nutrition
Students receive an overview of the philosophy, principles, and evaluation of health, safety, and nutrition in education settings for young children. Age-appropriate teaching strategies are highlighted. Emphasis is on the importance of health, fitness, safety, and nutrition to an individual's overall performance and behavior–socially, emotionally, and physically. Prerequisites: PSY 201

ECE 202 3 credits
Professional Issues in Early Childhood
Students examine and analyze major concepts of contemporary programs for young children. Students learn historical, theoretical, and research perspectives. Professional ethics and diversity issues in programs for young children and their families are major topics.

ECE 203 3 credits
Methods of Teaching Art, Music, and Movement
Students learn the art, music, and perceptual motor skills areas for children ages 3-7 years. Students develop a repertoire of activities and approaches in these areas, emphasizing the child's participation. Students learn techniques for teaching music, art, and movement through observation, lesson planning, and actual classroom teaching. A virtual clinical experience from schools using "best practices" is required. Prerequisites or corequisites: For BS students - PSY 201 and 6 credits of Fine Arts; passing score on all sections of PRAXIS I: Reading, Mathematics and Writing (or relevant exemption test), and for students entering Fall 2007 and afterward, PRAXIS II. For AS Students - PSY 201 , 3 credits of Fine Arts and, (for those entering Fall 2009 and after), a passing score on all sections of PRAXIS I: Reading, Mathematics, and Writing (or relevant exemption test).

ECE 204 3 credits
Integrated Methods: Language Arts, Social Studies, Science, and Math
This course is an introduction to the language arts, social studies, science, and math programs suitable for use with children ages 2-7 years. The design of the course enables students to understand the importance of these curriculum areas in the child's overall development. The kinds of materials and activities to be included in the preschool curriculum are also studied. A virtual clinical experience from schools using "best practices" is required. Prerequisites: For AS Students: ECE 211 and (for those entering Fall 2009 or after) a passing score on all sections of PRAXIS I: Reading, Mathematics, and Writing (or relevant exemption test). For BS Students -

ENG 111, MAT 201, and passing score on all sections of the PRAXIS I: Reading, Mathematics and Writing (or relevant exemption test), and for students entering Fall 2007 and after, PRAXIS II.

ECE 205 — 3 credits
Parent, Family, and Community Interactions

This course examines the development of the family and emerging family issues, with an emphasis on the teacher's role in parent conferences and home-school communications. Family types and their impact on children in educational settings are emphasized, as well as parenting issues, parent education, and parental involvement in the educational process. Community resources to support the family and the child in the schooling process are explored.

ECE 206 — 3 credits
Family Development and Service Systems

The structure and development of the family and its relationship to educational programs and other service delivery systems are studied. The clinical component of the course is student attendance at community-based family services. The purpose of the clinical component is to relate service systems to educational programs for children as students explore possibilities for seamless service delivery to children and their families. A five (5) hour clinical experience in schools is required.

ECE 211 — 3 credits
Language Arts in Early Childhood Programs

Methods and materials to promote effective language skills of listening, speaking, and vocabulary development are emphasized. Activities for pre-writing and pre-reading are included. Criteria for appropriate selection of children's books are presented. Students learn techniques for reading and telling stories. Prerequisites: PSY 201

ECE 214 — 3 credits
Creating Environments for Learning

Students learn concepts and strategies for preventing discipline problems as well as models of discipline for use if such problems occur in the early childhood/elementary classroom. Preventive strategies include organizing the classroom effectively, maintaining on-task behavior, positive interactions, developing and teaching rules and behavioral expectations, and ignoring attention-getting behavior. Discipline models reviewed by students include student-centered approaches including the Supportive Model and Transactional Analysis and such teacher-directed approaches as Assertive Discipline and Behavior Modification. Prerequisites: PSY 201

ECE 216 — 6 credits
Internship in Early Childhood Education

ECE 216 is designed for AS Early Childhood Education majors. The supervised field experience/internship includes at least 45 full teaching days. Interns are placed with individual mentor teachers or with teams of supervising teachers in approved clinical settings appropriate to the area of program concentration (birth to kindergarten). Placement priority is given to settings that serve culturally, linguistically, and socioeconomically diverse student populations. Interns are monitored and supported by Wilmington University supervisors, and are required to attend regularly scheduled seminars. ECE 216 is graded Satisfactory/Unsatisfactory. Prerequisites: All ECE core courses; approved application from the Office of Clinical Studies (applications must be received by October 1 for the spring semester and by March 1 for the fall semester); A criminal background check is required.

ECE 450 — 9 credits
Early Childhood Education Student Teaching

ECE 450 is designed for Early Care and Education (Birth-2) majors. This supervised field experience requires at least 60 full student teaching days. Student teachers are placed with individual mentor teachers or with teams of supervising teachers in approved clinical settings. Student teachers are monitored and supported by Wilmington University supervisors. Placement priority is given to settings that serve culturally, linguistically, and socioeconomically diverse student populations. A minimum of 15 clock hours of seminar sessions are scheduled by the Wilmington University supervisors to address professional issues related to the clinical semester and to provide support and assistance with the completion of the required portfolio. ECE 450 is graded Satisfactory/Unsatisfactory. Prerequisites: approved application from the Office of Clinical Studies (applications must be received by October 1 for the spring semester and by March 1 for the fall semester). Student teaching must be taken in conjunction with EDU 499. A criminal background check is required.

ECO 101 — 3 credits
Economics I

This course gives students a basic understanding of economics, with particular emphasis on the operation of the American economic system. The topics of macroeconomics, classical economics, Keynesian and Post-Keynesian economics, private enterprise, and national income are examined. Prerequisites: successful completion of math skills assessment or MAT 110 and ENG 102

ECO 102 — 3 credits
Economics II

This course studies microeconomic issues such as the price system, income distribution and international economics. Applying and extending knowledge of basic economic principles are emphasized. Prerequisites: ECO 101 and MAT 101 and ENG 102

ECO 105 — 3 credits
Fundamentals of Economics

This course emphasizes both macro- and microeconomics for the non-business student. Basic economic concepts, tools and terms economists use, and methods of economic analysis are

covered. A student's understanding of the American business system is developed. Prerequisites: ENG 102

ECO 203   3 credits
Economic Theory

Relevant theories of income, output and price level, wealth determination, growth, and international economics are discussed in detail. Current social balance issues and conflicts between the private and public sectors are emphasized.

ECO 300   3 credits
International Trade and Economics

This course examines the theoretical and historic framework relating to international trade and economic principles utilized within the global economy. Specific areas examined in the course include problems associated with different trade policies, balance of payments, comparative advantage, international exchange rate systems, trade barriers and tariffs, and the economics of transitioning and developing countries. Prerequisites: ECO 102

ECO 301   3 credits
Contemporary Economic Problems

This course is an analysis of how the economic system works and how theory and events shape decisions of business owners, government officials, and households. Prerequisites: ECO 102

ECO 321   3 credits
Economics of Income, Money, and Banking

This course familiarizes the student with the banking system, the Federal Reserve System, and the creation of money. Monetary policy and theory are reviewed. Prerequisites: ECO 102

ECO 450   3 credits
Environmental Economics

Building upon the theories developed in ECO 101 and ECO 102, this course provides students with an introduction into the theory and application of environmental and natural economics. Basic economics is the study of the allocation of scarce resources; unfortunately, during this allocation process, concern for the environment has been at best secondary. Needed is the integration of environmental concerns (pollution, climate change, food and water, energy) with classical economic theory. This course provides that integration. Prerequisites: ECO 102, SCI 310, POL 300 and POL 370

EDC 100   0 credit
E-Folio

This course provides access to the electronic portfolio required for all students who began their Career and Technical Education degree programs on or after September 1, 2009. This is a non-credit course and does not meet as a regular class. Registration for the course requires an initial fee which provides students with instructions and access to the electronic portfolio for a period of six years. Students must enroll in this course at the beginning of their programs because documents,

assignments, and artifacts from other courses will be placed into the electronic portfolio. Completion of the portfolio is a graduation requirement.

EDC 400   3 credits
Educational Psychology

This course will enable career and technical teachers to make decisions regarding appropriate instruction for students they serve. Students will learn the nature and use of measurement tools and evaluation in educational settings. This is a dual-listed course for undergraduate and/or graduate credit. Additional and differentiated assignments will be required for students taking this course at the graduate level. This may be an online course; students should utilize available Blackboard learning resources and be prepared to function in an online learning environment at the inception of the course. Prerequisites: EDC 100 (for all students who began their career and technical degree programs on or after September 1,2009. EDC 100 is the E-Folio System used for documenting and tracking student mastery of program competencies.)

EDC 401   3 credits
Career and Technical Education Instructional Technology

The focus of this course is to assist career and technical teachers in the application of technology to enhance student learning and increase student achievement. Course topics include spreadsheets, desktop publishing, multimedia, web design, and selection/use/evaluation of instructional software appropriate for a teacher's particular career program, using the internet, and developing an understanding of how technology can change the learning environment and the roles of teacher and learner. This is a dual-listed course for undergraduate and/or graduate credit. Additional and differentiated assignments will be required for students taking this course at the graduate level. Prerequisite: EDC 100 (for all students who began their career and technical degree programs on or after September 1,2009. EDC 100 is the E-Folio System used for documenting and tracking student mastery of program competencies.)

EDC 402   3 credits
Career and Technical Education Advanced Curriculum Design

This course focuses on curriculum design for career and technical courses. Students will learn how to develop the sequence of teaching activities in career and technical courses as well as the content that should be taught to be state-of-the-art for the workplace. This is a cross listed course for undergraduate and graduate students. Additional differentiated assignments will be required for students taking this course at the graduate level. Prerequisite: EDC 100 (for all students who began their career and technical degree programs on or after September 1,2009. EDC 100 is the E-Folio System used for documenting and tracking student mastery of program competencies.)

EDC 403   **3 credits**

History and Regulations of Career and Technical Education

This course explores the history, philosophy, and the regulations of Career and Technical Education (CTE). Each of these areas will be examined to determine how and why CTE has developed into current practices. The historical context of philosophy and regulation will be used to foster an understanding of issues expected to impact the future of CTE. This is a dual listed course for undergraduate and graduate credit. Additional and differentiated assignments will be required for students taking this course at the graduate level. Prerequisite: EDC 100 (for all students who began their career and technical degree programs on or after September 1,2009. EDC 100 is the E-Folio System used for documenting and tracking student mastery of program competencies.)

EDC 404   **3 credits**

Career and Technical Education Guidance Practices

This course will emphasize the impact of career development theory and the relationship of career guidance and development to career and technical schools, community colleges, and four-year colleges. Job placement in community and school-based settings is also studied. This is a dual-listed course for undergraduate and/or graduate credit. Additional and differentiated assignments will be required for students taking this course at the graduate level. Prerequisite: EDC 100 (for all students who began their career and technical degree programs on or after September 1,2009. EDC 100 is the E-Folio System used for documenting and tracking student mastery of program competencies.)

EDC 405   **3 credits**

Career and Technical Education:
Community and Business Relations

This course explores strategies for developing purposeful relationships among career and technical teachers, business representatives, and the community to ensure that the needs of the students and of the business community are being met. This is a dual-listed course for undergraduate and/or graduate credit. Additional and differentiated assignments will be required for students taking this course at the graduate level. This may be an online course; students should utilize available Blackboard learning resources and be prepared to function in an online learning environment at the inception of the course. Prerequisites: EDC 100 (for all students who began their career and technical degree programs on or after September 1,2009. EDC 100 is the E-Folio System used for documenting and tracking student mastery of program competencies.)

EDC 406   **3 credits**

Career and Technical Education:
Assessment and Course Construction

The purpose of this course is to assist vocational-technical teachers in learning how to develop their courses to meet the workplace needs and satisfy curriculum standards, as well as the Delaware content standards. An introduction to student organizations and to key safety practices will also be a part of this course. This course is a dual-listed course for undergraduate and/or graduate credit. Additional and differentiated assignments will be required for students taking this course at the graduate level. Prerequisite: EDC 100 (for all students who began their career and technical degree programs on or after September 1,2009. EDC 100 is the E-Folio System used for documenting and tracking student mastery of program competencies.)

EDC 407   **3 credits**

Career and Technical Student Organizations

This course focuses on the history and importance of student organizations in the career and technical high schools. The course will focus on building student leadership skills, presentation skills, and technical skills appropriate to the specific career program. Instruction will also include preparing students for the state and national skills events. This is a dual-listed course for undergraduate and graduate credit. Additional and differentiated assignments will be required for students taking this course at the graduate level. Prerequisite: EDC 100 (for all students who began their career and technical degree programs on or after September 1,2009. EDC 100 is the E-Folio System used for documenting and tracking student mastery of program competencies.)

EDC 410   **3 credits**

Multicultural Education

This course addresses the principles and practices for providing instruction in the multicultural classroom. The students will study the role of race and social class in the classroom as well as the impact of cultural learning styles and racial identity on learning. They will learn concepts and strategies for effective decision-making, delivery of instruction, classroom management, and culturally responsive assessments. This is a dual-listed course for undergraduate and/or graduate credit. Additional and differentiated assignments will be required for students taking this course at the graduate level. This may be an online course; students should utilize available Blackboard learning resources and be prepared to function in an online learning environment at the inception of the course. Prerequisite: EDC 100 (for all students who began their career and technical degree programs on or after September 1,2009. EDC 100 is the E-Folio System used for documenting and tracking student mastery of program competencies.)

EDC 411   **3 credits**

Methods of Teaching Career and Technical Education I

Methods of Teaching Career and Technical Education I includes methods and demonstration of proficiency in teaching the particular career program of the teacher. Students are expected to develop materials, lesson plans, units, and structure for their courses. This course also addresses strategies that include helping students to develop problem-solving skills. Safety procedures will also be emphasized as an integral part of this course. This is a dual-listed course for undergraduate and/or graduate credit. Additional assignments will be required for students taking this course at the graduate level. Prerequisite:

EDC 100 (for all students who began their career and technical degree programs on or after September 1,2009. EDC 100 is the E-Folio System used for documenting and tracking student mastery of program competencies.)

EDC 412   3 credits
Career and Technical Education Classroom Management

Effective classroom management techniques are emphasized to maximize student achievement. Concepts in academic learning time and active instruction are stressed. Students will learn strategies for preventing discipline problems, including organizing the classroom effectively, maintaining on-task behavior, interacting positively with students, and developing rules and procedures for a positive learning environment. This is a dual-listed course for underegraduate and/or graduate credit. Additional and differentiated assignments will be required for students taking this course at the graduate level. Prerequisite: EDC 100 (for all students who began their career and technical degree programs on or after September 1,2009. EDC 100 is the E-Folio System used for documenting and tracking student mastery of program competencies.)

EDC 413   3 credits
Methods of Teaching Career and Technical Education II

This course is geared to meeting the developmental learning needs of career and technical education students. The effective teaching skills evident in the DPAS system and the Delaware Professional Teaching Standards will be emphasized in this course. Multiple strategies will be considered for (1) planning and delivering lessons that make learning meaningful for students; (2) meeting the developmental and diverse learning needs of students; (3) creating an environment in the classroom conducive to learning; (4) assessing, analyzing, and reflecting upon teaching and student learning; (5) using technology to support learning; and (6) treating all students equitably in the classroom. Employability skills and developing integration projects will also be taught. This is a dual-listed course for undergraduate and/or graduate credit. Additional and differentiated assignments will be required for students taking this course at the graduate level. Prerequisite: EDC 100 (for all students who began their career and technical degree programs on or after September 1,2009. EDC 100 is the E-Folio System used for documenting and tracking student mastery of program competencies.)

EDC 414   3 credits
Student Testing and Evaluation

This course will assist career and technical education teachers in learning how to prepare, administer, and score classroom assessments that are aligned with curriculum and instruction. Attention will be given to the design of performance assessments that will align with project-focused learning targets common to career and technical education courses. This is a dual- listed course for undergraduate and/or graduate credit. Additional and differentiated assignments will be required for students taking this course at the graduate level. Prerequisite: EDC 100 (for all students who began their career and technical

degree programs on or after September 1,2009. EDC 100 is the E-Folio System used for documenting and tracking student mastery of program competencies.)

EDC 420   6 credits
Clinical Component for Career and Technical Education Teachers

OPTION 1 – Action Research/Problem Solving Project. The candidate will apply knowledge gained from previous career and technical education courses as well as from personal and professional experiences in the field to identify and solve a classroom, content area, or school-wide problem related to teaching and learning. Components of the project will vary depending on content area and degree level (B.S. or M.Ed.). The project must include, but is not limited to: a literature review; an analysis of student demographics, context and culture; an exploration of best practices; the development of appropriate lesson plans and assessments; an analysis of the project's impact on student learning and other outcomes; information about possible legal and ethical issues; and a discussion of professional dispositions, conduct and development. Candidates will prepare an electronic presentation that describes the project and its outcomes for review/approval by the Program Coordinator. The presentation will be posted on the course website and in E-Folio (EDC 100 or MCT 6102). Final grade for the course will be either Satisfactory or Unsatisfactory.

OPTION 2 – Supervised Clinical Experience (Student Teaching). The candidate will engage in a 40-day (school days) clinical experience, co-supervised by a college mentor provided by the Office of Clinical Studies and a school-based mentor provided by the placement school (fully certified teacher, department chair, content area supervisor, or administrator). During this 40-day period the candidate will prepare lesson/ activity/unit plans, carry out those plans, assess levels of student learning using approved College of Education (or school-mandated) formats and processes, and reflect on outcomes. The candidate will be observed at least six times during the placement using the DPAS II model or the observation/ evaluation system required by the school. The same e-folio student teaching components required for other College of Education teacher preparation programs are also required for this option (reflections on and evidence of achievement of Delaware's teaching standards, etc.). Final grade for the course will be either Satisfactory or Unsatisfactory. EDC 420/MCT 6420 is a dual-listed course and may be taken for either undergraduate or graduate credit. Additional and differentiated assignments are required for students taking this course at the graduate level. Prerequisites: ALL STUDENTS MUST TAKE AND PASS ALL THREE SECTIONS OF PRAXIS I: (Writing, Reading and Mathematics) BEFORE REGISTERING FOR THIS COURSE. All Career and Technical Education students must be registered in EDC 100 (undergraduate) or MCT 6102 (graduate), which is the E-Folio System that is used for documenting and tracking student mastery of program competencies.

EDU 102 0 credit

E-Folio

This course is designed to provide access to the electronic portfolio that is required for all students in initial teacher preparation programs who are beginning their coursework during the fall semester of 2008 or later. As a non-credit experience, the course does not meet on a regular basis but requires an initial fee which will provide the students instructions and ensure their access to the portfolio for a period of six years. Students must enroll in this course at the beginning of their program as information from many other courses will be placed into the portfolio.

EDU 202 2 credits

School Involvement with Families and Community

This course is an examination of issues related to the family, school, and community. Professional ethics, issues of diversity, and the availability of community and school resources are major focuses. In addition, an emphasis will be placed on the need for collaboration, reaching out, and the necessity of a shared vision when trying to meet and understand the joint needs of the child, family, and school. Effective parent conferencing techniques and home/school communications are stressed, in addition to how to achieve sensitive solutions to school-related problems.

EDU 301 3 credits

Teaching English as a Second Language

This course is an overview of the field of teaching English as a second language (ESL), including practice in the preparation and presentation of ESL lesson plans.

EDU 303 2 credits

Contemporary Theories and Practices in Middle Level Education

Contemporary theories and practices that apply to middle level schools are reviewed and critiqued. Topics include contemporary social and cultural issues, school organization, curriculum, guidance, and student activities. A major focus of the course is the special developmental needs of middle level students and appropriate classroom management techniques for this age group.

EDU 304 3 credits

Health and Physical Education

This course focuses on teaching the mind, body, and spirit components of a healthy lifestyle. Particular emphasis will be placed on the important role of exercise, family and community, work and diet in maintaining good health. Recent findings and reports in medicine, exercise, diet, and nutrition will be discussed. This course includes health services, health education, and healthy school environments.

EDU 306 3 credits

Effective Teaching Strategies

This course will focus on the fundamentals of effective classroom teaching, with an emphasis on specific strategies for meeting the developmental learning needs of a diverse population of students. Multiple strategies will be considered for (1) planning and delivering lessons that make learning meaningful for students; (2) meeting the developmental and diverse learning needs of students; (3) creating an environment in the classroom conducive to learning; (4) assessing, analyzing, and reflecting upon teaching and student learning; (5) using technology to support learning; and (6) treating all students equitably in the classroom. The effective teaching skills evident in the Delaware Performance Appraisal System and the Delaware Professional Teaching Standards and the content standards delineated in the Delaware Student Content Standards will be emphasized in the course.

EDU 310 2 credits

Applied Behavior Analysis and Classroom Culture

Understanding, interpretation, and use of behavioral programming in classroom management for special education are the focus of this course. An awareness of the role of behavior modification and reinforcement principles, cognitive and humanistic theories, in concert with the affective domain and self-esteem strategies are stressed. Emphasis is on the teacher's need to achieve maximum effectiveness in predicting and controlling behavior. A teacher working with special education students in his/her classroom must be equipped with the skills necessary to effectively manage the behavior of the children entrusted to their care. Teacher candidates learn about reasons for misbehavior and about several discipline models or options for use by teachers to establish a positive classroom culture.

EDU 311 2 credits

Assistive Technology

This course is designed to help professionals in schools understand assistive technology for students with disabilities. The main focus of the course is on students with mild mental handicaps, learning disabilities, or emotional disturbances. The meaning of assistive technology and methods of assessing students to match them with appropriate assistive technology are emphasized.

EDU 312 2 credits

Integrated Curriculum in Schools

This course examines current curricular programs and instructional methodologies while analyzing their teaching strategies, backgrounds, and purposes with an emphasis for school implementation. An understanding of the curricular models used in the instruction of various learning needs will provide pre-service teachers with information and ideas regarding innovative programs of instruction and how these programs operate at the middle level. The course also provides a fundamental understanding of a curriculum scope and sequence related to various subject areas. This knowledge is related to developing cross-curriculum sub objectives within a

given curriculum guide, developing model lessons that include cross-curricular activities, including enrichment and fine arts connections.

EDU 313   2 credits
Classroom Culture and Student Behavior
This course is an in-depth study of practical techniques applied by teachers to deal effectively with middle level student behavior problems when such problems arise in classrooms and schools. Different students misbehave in different ways and for different reasons. As a result, not all misbehavior can be handled by teachers in the same way. In this course, middle level teacher candidates will learn about reasons for misbehavior and about several discipline models or options appropriate for middle schools that can be used by teachers when students misbehave. A clinical experience in schools is required.

EDU 390   1 credit
Practicum I
EDU 390 Practicum I is a structured, field-based, exploratory clinical course that requires at least 35 hours of supervised classroom experience in an approved setting. Fieldwork is monitored by Wilmington University Practicum advisors and mentor teachers. Placement priority is given to settings that serve culturally, linguistically, and socioeconomically diverse student populations. Fieldwork is supported by 21 hours of Practicum seminar sessions. Seminars are conducted at the University sites by faculty of the College of Education. Student attendance at all Practicum seminars is required and must be documented. A reflective professional journal is required. Practicum I introduces the teacher candidate to essential content and pedagogical knowledge related to the components of professional practice and to Charlotte Danielson's Enhancing Professional Practice: A Framework for Teaching. Practicum I provides the teacher preparation student with opportunities to observe, describe, interpret, and understand the classroom environment and to reflect on the personal and professional attributes required for success in teaching. Teaching individual students and small groups of students is required. Prerequisites: TB clearance

EDU 391   1 credit
Practicum II
EDU 391 Practicum II is a structured, field-based clinical course that requires at least 35 hours of supervised classroom experience in an approved setting. Fieldwork is monitored by Wilmington University Practicum advisors and mentor teachers. Placement priority is given to settings that serve culturally, linguistically, and socioeconomically diverse student populations. Fieldwork is supported by 21 hours of Practicum seminar sessions. Seminars are conducted at the University sites by faculty of the College of Education. Student attendance at all Practicum seminars is required and must be documented. A reflective set of learning activities, focusing on the Delaware Professional Teaching Standards is completed for Practicum II. Practicum II helps the teacher candidate analyze and reflect on the classroom environment in relation to current research,

components of professional practice, and the Delaware Professional Teaching Standards. Teaching a planned lesson to a class, as well as working with individual students, is required. Prerequisites: EDU 390 and TB clearance

EDU 392   1 credit
Practicum III
EDU 392 Practicum III is a structured, field-based course that requires at least 35 hours of supervised clinical experience in an approved setting. Fieldwork is monitored by Wilmington University Practicum advisors and mentor teachers. Placement priority is given to settings that serve culturally, linguistically, and socioeconomically diverse student populations. Fieldwork is supported by 21 hours of Practicum seminar sessions. Seminars are conducted at the University sites by faculty of the College of Education. Student attendance at all Practicum seminars is required and must be documented. A reflective set of learning activities, focusing on the theory of reading is completed for Practicum III. EDU 392 Practicum III emphasizes synthesis and evaluation but narrows the focus to the area of reading. Practicum III teaches students how to administer and interpret a diagnostic reading inventory, and then enables students to devise a remediation plan. Prerequisites: EDU 390, EDU 391, and TB clearance

EDU 396   3 credits
Environmental Education Practicum
This course is a structured, field-based mentored program that requires a minimum of 40 hours in an approved off-campus setting and 21 hours of seminar. Practicum will mesh the content base of the science courses with the practicality of the classroom, the home, and the community at large. Through a variety of methodology, the earth and its systems will be studied from a holistic view and methods of instruction that enable the citizenry to make informed choices.

EDU 401   3 credits
Instructional Technology
The selection, use, and production of technology to facilitate children's learning are emphasized. Course topics include word processing, spreadsheets, desktop publishing, multimedia, diagnosis and evaluation of students, as well as selection and use of instructional software and computer networks. Prerequisites: BCS 205 or BCS 206

EDU 402   3 credits
Integrated Methods of Teaching Elementary Language Arts/Reading
This course includes content, methods, and demonstration of proficiency in the literacy areas of reading, written composition, listening, oral communication, grammar and usage, and spelling. Students are expected to develop materials, lesson plans, units, and methods for teaching the elements of language arts/reading in an integrated way. A team approach with other teachers and the integration of other content areas are emphasized in the course. A virtual clinical experience from schools using "best practices" is required. Prerequisites: RDG

301 and RDG 302; passing scores on all sections of PRAXIS I, and a passing score on the appropriate PRAXIS II

EDU 403 — 3 credits
Integrated Methods of Teaching Elementary Social Studies

Students learn selection and evaluation of teaching methods, use of curriculum, use of technology, and preparation of instructional materials appropriate for social science content. Emphasis is placed on an integrated unit approach (integrating both the social sciences and the social sciences with other major content areas). A virtual clinical experience from schools using "best practices" is required. Prerequisites: HIS 300, HIS 316, HIS 320, POL 300, and ECO 105; passing scores on all sections of PRAXIS I, for students entering Fall 2007 and afterward, a passing score on the appropriate PRAXIS II

EDU 404 — 3 credits
Integrated Methods of Teaching Elementary Science

The scope and sequence of the science curriculum for elementary students are emphasized via planning integrated lessons and units of instruction and laboratory methods. The integration of the lessons/units will focus on integrating the various science disciplines and on integrating the sciences with other major content areas. A virtual clinical experience from schools using "best practices" is required. Prerequisites: SCI 105, SCI 232, and SCI 305; passing score on all sections of PRAXIS I and, for students entering Fall 2007 and afterward, a passing score on the appropriate PRAXIS II

EDU 405 — 3 credits
Integrated Methods of Teaching Elementary Math

Students are exposed to mathematics learning strategies and the methods and strategies for teaching mathematics. Students have the opportunity to analyze programs and learning materials as they set up environments and situations which stimulate interest in learning mathematics. A special emphasis is on how math can be integrated with other major content areas in the teaching and learning process. Modeling strategies, the appropriate use of manipulatives, the integral use of calculators and computers, learning in cooperative groups, reading and writing to learn, and the other NCTM standards are the core of this course. A virtual clinical experience from schools using "best practices" is required. Prerequisites: MAT 201, MAT 202, and MAT 304 (with a 2.0 GPA in those 3 courses); passing score on all sections of PRAXIS I, and, for students entering Fall 2007 and afterward, a passing score on the appropriate PRAXIS II

EDU 407 — 3 credits
*Integrated Approaches to Teaching Middle Level
Language Arts/Reading*

This course includes content, methods, and demonstration of proficiency in the literacy areas of reading, written composition, listening, oral communication, grammar and usage, and spelling. Students are expected to develop materials, lesson plans, units, and methods for teaching the elements of language arts/reading in an integrated way. A team approach with other teachers and the integration of other content areas are emphasized in the course. A virtual clinical experience from schools using "best practices" is required. Prerequisites: RDG 301, RDG 305, and EDU 312; passing scores on all sections of PRAXIS I and, for students entering Fall 2007 and afterward, a passing score on the appropriate PRAXIS II

EDU 408 — 3 credits
Integrated Approaches to Teaching Middle Level Social Science

Students learn selection and evaluation of teaching methods, use of curriculum, use of technology, and preparation of instructional materials appropriate for social science content. Emphasis is placed on an integrated unit approach (integrating both the social sciences and the social sciences with other, major content areas). A virtual clinical from schools using "best practices" is required. Prerequisites: HIS 204, HUM 360, HUM 361, SOC 101, ECO 105, POL 326, and EDU 312; passing scores on all sections of PRAXIS I and for students entering Fall 2007 and afterward, a passing score on the appropriate PRAXIS II

EDU 409 — 3 credits
Integrated Approaches to Teaching Middle Science

The scope and sequence of the science curriculum for elementary students are emphasized via planning integrated lessons and units of instruction and laboratory methods. The integration of the lessons/units will focus on integrating the various science disciplines and on integrating the sciences with other major content areas. A virtual clinical experience from schools using "best practices" is required. Prerequisites: SCI 110, SCI 232, SCI 305, SCI 315, MAT 101 or MAT 205, and EDU 312; passing score on all sections of PRAXIS I and, for students entering Fall 2007 and afterward, a passing score on the appropriate PRAXIS II

EDU 410 — 3 credits
Integrated Approaches to Teaching Middle Math

Students are exposed to mathematics learning strategies and the methods and strategies for teaching mathematics. Students have the opportunity to analyze programs and learning materials as they set up environments and situations which stimulate interest in learning mathematics. A special emphasis is on how math can be integrated with other major content areas in the teaching and learning process. Modeling strategies, the appropriate use of manipulatives, the integral use of calculators and computers, learning in cooperative groups, reading and writing to learn, and the other NCTM standards are the core of this course. A clinical virtual experience from schools using "best practices" is required. Prerequisites: MAT 101 and MAT 200; passing score on all sections of PRAXIS I and a passing score on the appropriate PRAXIS II

EDU 451 — 9 credits
Student Teaching

EDU 451 Student Teaching is designed for Elementary K-6/ Middle Level 6-8 majors. This supervised field experience requires at least 60 full student teaching days. Teacher

candidates are placed with individual cooperating teachers or with teams of cooperating teachers in approved clinical settings. Teacher candidates are monitored and supported by Wilmington University supervisors. Placement priority is given to settings that serve culturally, linguistically, and socioeconomically diverse student populations. A minimum of 15 clock hours is scheduled by the Wilmington University supervisors to address professional issues related to the clinical semester and to provide support and assistance with the completion of the required professional portfolio. EDU 451 is graded Satisfactory/Unsatisfactory. Prerequisites: Approved application from the Office of Clinical Studies; application must be received by October 1 for spring student teaching and by March 1 for fall student teaching; Student teaching must be taken in conjunction with EDU 499. A criminal background check is required.

EDU 460-462   **3 credits**
Topics in Education
This course is an intensive study of contemporary topics and issues in education. Prerequisites: Approval of Academic Dean

EDU 499   **3 credits**
Clinical Assessment in the Classroom
Clinical assessment addresses contemporary issues and practices in the field of assessment. The course will focus on developing competence in assessing student work in an educational setting. The collection, analysis, and interpretation of immediate, real-time information for making data-driven decisions about teaching and learning will be emphasized. Related topics such as conferencing techniques, reporting systems, analyzing student work, applying rubrics, and continuous assessment techniques will be discussed in the course. (This course must be taken in conjunction with student teaching.)

ENG 095   **0 credit**
English Review
This course will provide a review of English grammar skills for students who need to strengthen their backgrounds in English before taking college-level courses requiring college reading and writing. It establishes a foundation for success in subsequent college-level courses. The course will include lecture, discussion, recitation, team learning, and teacher-student tutoring to maximize students' success. English Review would benefit students returning to the classroom after a long absence who wish to gain English skills for classroom confidence before enrolling in credit courses. In addition, the course would also help students speaking English as a second language gain needed written and oral fluency. Topics covered in the course will include: simple sentences, subject-verb agreement, simple verb tenses, paragraph writing, main linking and main helping verbs, punctuation rules, possessives/plurals/homonyms, and topic sentences.

ENG 101   **3 credits**
English Composition I
This course is designed to help students become more proficient and effective writers. Students will study the principles and skills involved in effective writing and reading and will be required to apply these skills to selected writing assignments throughout the course. They will also study elements that constitute various rhetorical patterns of writing and develop skills in writing essays in these patterns. The rhetorical patterns studied in this course are description, narration, compare/contrast, definition, and classification/division. Students will also be introduced to the elements of APA documentation. This course will emphasize the use of correct grammar, usage, spelling, punctuation, and mechanics. Students will be required to apply these skills to all writing assignments. Successful completion of an independent library orientation project is also a requirement. Prerequisites: Successfully passing the English evaluation test

ENG 102   **3 credits**
English Composition II
This course is designed to improve writing effectiveness. Students will be required to expand their reading and writing skills learned in English 101 and apply these skills to selected writing assignments. They will continue to study various rhetorical patterns and use their writing skills to develop essays in these patterns. The rhetorical patterns studied in this course are process analysis, cause and effect, and argument/persuasion. Students will also learn the process and skills needed to write a clear, precise, and accurate term paper. Detailed instruction in the use of APA documentation will be provided and required in the term paper. This course will help students learn how to think more clearly, organize thoughts in logical sequence, and improve writing skills through prewriting, writing, and rewriting processes. Grammar, usage, spelling, punctuation, and mechanics instruction will be important elements in this course. Prerequisites: ENG 101

ENG 110   **3 credits**
English Essentials
This course will emphasize the fundamentals of correct writing. Students will receive instruction and practice in grammar, usage, spelling, punctuation, and mechanics. They will learn the process of writing, including generating ideas; drafting; revising; editing, and proofreading. They will also learn reading and study skills. This course will be taught in a competency/mastery format. Students will be required to master specific English competencies to pass the course. Those who experience difficulties in mastering these competencies will be required to receive assistance from the Tutoring Center. Credit from this course applies as an elective credit towards graduation. (Please note: minimum passing grade needed is a "C").

ENG 111   3 credits

Advanced Communication Skills

This course is designed to help students develop and improve effective oral communicative skills. Students will learn the basic skills and principles necessary to prepare written presentations and to orally deliver these presentations with confidence. They will receive practical assistance in the areas of reading, writing, speaking, listening, and critiquing. Prerequisites: ENG 102

ENG 200   3 credits

English Grammar

This course will survey the structure of contemporary English grammar. It will also explore the usage problems associated with contemporary grammar in both speech and writing. Topics will include: the structure of English (words, phrases, clauses, and sentences), sentence structure problems, agreement errors, commonly confused and misused words, and spelling. Prerequisites: ENG 102

ENG 205   3 credits

History of the English Language

This course is designed to provide students with an understanding of the development of the English language. They will recognize changes in language as the product of political, social, religious, technological, and economic factors. This course will focus on the study of the origins, changes, and reasons for changes in the grammar, sounds, and vocabulary of English from its beginnings to modern time. Prerequisites: ENG 102

ENG 320   3 credits

Advanced Composition

This course emphasizes correct and effective expression, providing advanced training in the organization and writing of a research paper. The focus of this course is on the principles and style of advanced expository writing. Students will be prepared to write an undergraduate thesis in their major area of study. Strategies are provided for the composition of scholarly discourse, and forms of critical analysis and inquiry are examined and practiced. Prerequisites: ENG 102

ENG 360   3 credits

Creative Writing

This course allows students to express their creative abilities through the writing of stories, plays, poems, and essays. Critical appraisals of students' work by members of the class are an important element in this course. Prerequisites: ENG 102

ENG 365   3 credits

Academic Writing

This course seeks to develop skills in advanced composition and critical reading. It is designed to improve students' abilities to paraphrase, summarize, and synthesize and to correctly and effectively express themselves. Prerequisites: ENG 102

EPY 301   3 credits

Assessment of Exceptional Children and IEPs

Assessment procedures that provide information that enable teachers to make decisions regarding appropriate instruction for the children they serve are learned and applied. Informal and formal assessments used in identifying exceptionalities are analyzed. The formally evaluated strengths and weaknesses are developed into an Individualized Education Plan (IEP). Standardized and informal test results are evaluated and analyzed in relation to student achievement, curriculum development, and instructional improvement. Special emphasis is given to individually administered achievement instruments in relation to intelligence test measures.

EPY 302   3 credits

Educational Assessment

Students learn the nature and use of measurement and evaluation in educational settings. Construction of teacher-made tests and assessment portfolios are emphasized. Professionally prepared standardized achievement and aptitude tests are examined.

EPY 303   3 credits

Advising, Mentoring, and Counseling Techniques

Exploration of middle level counseling and mentoring models that are congruent with culturally responsive interaction between teacher and student is the focus of this course. Included are learning styles, contemporary problems, home-school communications and parent involvement, and community resources. Attendance at community-based family services is required. Prerequisites: PSY 332

EPY 306   3 credits

Educational Psychology and Assessment

Interdisciplinary studies in learning, motivation, and teaching are stressed. Educational implications and application of research relating to human development, cognitive science, learning, motivation, and teaching will be included. Focus is on application of learning theory and demonstration of knowledge of lesson design and constructing measurable objectives. Students learn the nature and use of measurement and evaluation in educational settings. Construction of teacher-made tests and assessment portfolios are emphasized. Professionally prepared standardized achievement and aptitude tests are examined.

EPY 401   3 credits

Teaching Diverse Populations and Exceptional Children

This course is the study of models of service delivery from infancy to adulthood with special emphasis on inclusion, assessment processes and procedures, prevention, and intervention strategies. Five (5) hours of clinical observation of children with special needs is included in multiple settings. Prerequisites: PSY 333

FIN 200   **3 credits**

Small Business Finance

This course covers the financial aspects of operating a small business, specifically how money is acquired, managed, and distributed, and an examination of financial planning and financial documents. Prerequisites: ENG 102

FIN 300   **3 credits**

Applied Concepts in Accounting and Finance

This course is an applications-based approach to the study of accounting and finance for the non-business major. Topics will include the preparation and basic analysis of financial statements (with emphasis on the income statement and balance sheet), the time value of money, cash and capital budgeting, financing the organization, and cost/volume/profit relationships also known as break-even analysis. The course assumes no prior knowledge of accounting or finance. Prerequisites: ENG 102

FIN 301   **3 credits**

Personal Finance

This course introduces students to the fundamentals of personal finance. The course covers career planning, budgeting and cash-flow management, credit use, planned borrowing, taxes, and managing major expenditures such as automobiles and housing. Prerequisites: ENG 102

FIN 302   **3 credits**

Financial Planning

This course covers the essentials of risk management, property and liability insurance, an introduction to investments (stocks, bonds, and mutual funds), health care planning, retirement, and estate planning. Prerequisites: ENG 102

FIN 305   **3 credits**

Financial Management

This course is an introduction to the role of finance, the operating environment of the firm, analysis of financial statement information, present value concepts, risk, return, and valuation fundamentals. Prerequisites: BAC 102, ENG 102 and MAT 308 or MAT 301

FIN 306   **3 credits**

Corporate Finance

Building on the fundamentals of financial management, the major emphasis of the course is on the cost of raising funds for projects (cost of capital) and major project decisions (capital budgeting). Additional topics include: working capital management, cash flow, inventory, and the proper distribution of debt and equity. Prerequisites: FIN 305

FIN 308   **3 credits**

Financial Economics and Instruments

This course explains the key elements of financial markets (and associated instruments) and their contribution to bringing together the suppliers and users of funds within the framework of national and international economics. It is assumed that the student has a basic understanding of managerial finance which includes present value and bond valuation techniques. The course will emphasize financial concepts and theories and apply them to "real-world" situations. Prerequisites: FIN 305

FIN 410   **3 credits**

Financial Reporting and Analysis

This course is designed to help the student understand and interpret financial statements. The course will include information on how to read and understand financial statements and how to apply this knowledge to determine the health and current status of a business. Prerequisites: FIN 305

FIN 411   **3 credits**

Investments and Security Analysis

From a basic understanding of traditional investments (stocks, bonds, and mutual funds), the students will expand their knowledge of the investment world to include: fundamental and technical analysis, the efficient market hypothesis, valuation and portfolio theories, and an introduction to options and futures. Prerequisites: FIN 302 and FIN 305

FIN 412   **3 credits**

Financial Institution Management

This advanced course covers the major decision-making considerations in the management of financial institutions. Emphasis is on recent developments in the financial services industry, balance sheet management, value production in financial services, and the regulation of financial institutions. Prerequisites: FIN 305

FIN 450   **3 credits**

International Finance

This course applies global financial principles and methodologies with respect to decision making in the international environment of organizations. Case analysis will be used representing a diverse range of industries and situations. Specific areas examined in the course will include foreign exchange markets, financing the global firm, capital budgeting, and managing multinational operations. Prerequisites: FIN 306

FIN 470   **3 credits**

Environmental Finance

This course provides a basic understanding of how financial markets can assist in the regulation of polluting industries with emphasis on carbon dioxide emissions. The student will assess, from a financial perspective, the potential effectiveness of various pollution reduction strategies to include emissions trading, cap and trade procedures, and tax penalties. Case studies will integrate financial analysis with environmental and ethical concerns. Prerequisites: FIN 306, FIN 309, ECO 450

FRE 101   3 credits
Introduction to French
This course is an introduction to the French language, with emphasis on developing listening and speaking skills commonly used in conversation.

FRE 201   3 credits
French for Business
This course is an introduction to the French language, with the emphasis on the practical application of the language in a global economy. Listening and speaking skills commonly used in a business/office setting are developed.

FYE 101   3 credits
First Year Experience Seminar
This is an academic centered seminar that introduces students to the University. This course is designed to provide students with the skills, knowledge, and dispositions that will promote success in higher education. Primary focus will be placed on the ability to locate and gather information and to engage in critical thinking. Each session of the seminar will address a topic or body of knowledge for the purpose of developing students as learners and active members of the University community. Topics will include (but are not limited to): time management, self-knowledge, learning, wellness, reading, writing, APA format, technology, University information, student services, campus organizations, and academic integrity polices. A common reading provides a context for academic, personal, and social investigation by students. FYE 101 is a requirement for students entering the University with 12 credits or less.

GEN 460   3 credits
Topics in General Studies
This course is an intensive study of contemporary topics and issues in General Studies. Prerequisites: Permission required.

GEN 480   3 credits
General Studies Senior Seminar
Students will discuss concepts that, if applied consistently and conscientiously, can help to develop attributes that lead to professional success. Emphasis will be placed on learning and refining communication, self-management, and other "soft" skills that determine one's place in an organization. Students will hone their written and oral communication skills while they discuss and analyze their careers in relation to the General Studies degree. Prerequisites: ENG 102, ENG 111, MAT 205, and senior status (at least 90 credit hours)

GER 101   3 credits
Introduction to German
This course is an introduction to the German language, with emphasis on developing listening and speaking skills commonly used in conversation.

GMD 100   3 credits
Intro to Game Engines
This course introduces the workflow needed to build playable games using the assets created in other areas of the Game Design and Development Program. Activities will include the creation of design documents and the development of playable prototypes. Key concepts in game design and development such as game world design, level design, level balancing, and game character development will be addressed. Students explore limitations of game engines. Students also study and exercise production methodologies and practices utilized by development studios to create stand-alone gaming applications.

GMD 105   3 credits
Video and Audio for Game Design
Sound characteristics, acoustics, basic audio technology and professional practices will be introduced. In relation to video, it also includes the importance of a team approach to media production. Instruction is given on basic techniques, including pre-production planning, camera control, recording, and lighting. Basic editing will also be covered.

GMD 110   3 credits
Intro to JavaScript for Unity3D
This course introduces the scripting language of JavaScript. Primarily used to develop interactivity on web sites; for the purposes of this class, it will apply to the Unity game engine in order to create game/environment functionality.

GMD 202   3 credits
Soundtracks for Film, Video and Games
This course is based around creating the auditory presence of the film, video, or game. It covers topics like pace, transitioning, tonal moods, and timing. Focus on creating an environment and matching the other assets given to the student will be emphasized. Prerequisites: GMD 105

GMD 203   3 credits
Creating Sound Effects and Dialog for Film, Video and Games
This course focuses on the recording of sound effects for character movement, interactions with the environment, and cinematic effects like explosions, gunfire, etc. Recording of character dialog techniques will also be heavily explored. Prerequisites: GMD 105

GMD 210   3 credits
Advanced JavaScript for Unity 3D
This course continues the foundation of GMD 110 to further enhance the capabilities of the student to perform complex functions within JavaScript based engines. Prerequisites: GMD 110

GMD 300   3 credits

Advanced Game Engines: Using Unity3D

The Engine Development II Course focuses on the issues involved in programming for 3D engines. Course topics include programming object and camera motions, collision detection and collision response, integration, performance analysis, and special effects such as particle systems. Prerequisites: GMD 100, GMD 110

GMD 310   3 credits

Environment Creation for Games

This course focuses on the setting that games take place, whether it is in a fantasy world, realistic world, or futuristic world. Creating the feel and mood of the environment is critical for the game's success aesthetically and technically. Prerequisites: DSN 410

GMD 401   3 credits

Game Development I

The history and evolution of gaming will be discussed along with current developments in gaming and virtualization/simulation. This course includes a study and execution of the workflow, managing and collection of assets, and building playable games/simulations for deployment to personal computers. Students will work with various game engines, and the testing and development phases of game design and development. Prerequisites: GMD 300

GMD 405   3 credits

Game Development II

In this course, the students will develop games using the engines covered in the prerequisites. Focus is on documentation for the development, management of assets, team management, asset creation, and the delivery of a fully functioning game in a fast paced environment. Prerequisites: GMD 401

HIS 204   3 credits

World History

This course is a study of the major cultural, economic, military, political, religious, and social events in western history from antiquity to the Scientific Revolution. Particular attention is given to the Western societies' contacts with the peoples of Africa, the Americas, and Asia.

HIS 230   3 credits

History of Art and Design

This course studies the artistic trends and developing technologies that have influenced creative work throughout Europe and America. This course focuses on the relationship between design and art, the artist's role and influence on Western Culture and Society.

HIS 300   3 credits

World and Regional Geography

This course will focus on the interactions of people with their regional environments around the world to produce distinctive places a unique place to live, both from a physical and cultural perspective. Students will develop the ability to read maps, use an atlas to learn location and characteristics of major regions and sub regions of the world, and examine the effects of contemporary communication and transportation technologies on the global economy and the interconnection of the people of this earth. An overview of human geography (study of environment culture, economics, the environment, politics, population, resources and technology; the human impact on natural environmental systems of air, water, and land), political geography (relevance of geographic conditions fundamental to the world's resources), and urban geography (land use) is included.

HIS 301   3 credits

Women in History

This course explores the role of women through the recorded history of the western world by focusing on specific individuals, as well as cultural trends. In the process of exploring women's roles and contributions, students will gain a perspective on history, sociology, religion, and the arts.

HIS 303   3 credits

History of Aviation

This course reviews the history of aviation and aerospace from the pioneer balloonists to the 2000s, including the use of air power in the Balkans and the International Space Station. Progressive developments in aerodynamics, aerospace equipment, the support structure, and the human role are considered.

HIS 305   3 credits

Colonial and Revolutionary America

This course is a study of the economic, political, and social forces in Colonial America in the seventeenth and eighteenth centuries. The background, causes, and results of the American Revolution; the adoption of the Constitution; and the founding of republican government are studied. Emphasis is on the Revolutionary Period.

HIS 310   3 credits

Twentieth Century America

This course examines the major economic, political, and social developments in the United States from 1900 to 1945, with emphasis on the 1914-1945 period.

HIS 315   3 credits

The Green Revolution: History of the Environmental Movement in America

This course examines the history of the environmental movement in America, with emphasis on key individuals and their contributions, major events, and legislation enacted to protect the environment. By reviewing the history of the

environmental movement, students will be better able to understand the complex environmental issues facing the world today.

HIS 316 — 3 credits
American History
This course covers the history of the United States from the voyages of discovery to the complexities of the modern world. It will be divided into five categories: Discovery and Exploration, Settlement, Forging a New Nation, Growing Pains, and the Challenges of the Modern World.

HIS 317 — 3 credits
Military History
This is a study of warfare from prehistoric to modern times. The course focuses on how political, social, and economic conditions shape the battle and the tools that are used in warfare. In addition, the moral and psychological aspects of war will be considered. Geography plays an important role in shaping warfare, its causes and outcomes. The course will focus secondarily on the geographical aspect.

HIS 320 — 3 credits
Global Civilizations
This course will cover the progress of mankind from the rudimentary beginnings of civilization in the Yellow River Valley of China, the Indus River Valley of India, and the Tigris-Euphrates Valley of Mesopotamia, and Mesoamerica to the present time. Emphasis will be placed on the causes and differences and similarities of these cultures to the present time. Emphasis will be placed on the causes of differences and similarities of cultures, as well as, climate and geography. Each civilization will be examined to ascertain what affect the similarities and differences had on its dealings with its neighbors.

HIS 330 — 3 credits
The Holocaust
The focus of this course is to review the facts and attempt to answer the soul-searching questions of the Holocaust, in order to provide an interpretation of the past that can help shape the present and the future. How could it have happened? How could a modern state destroy innocent men, women, and children just because of their religion/race? Why did so many people allow themselves to be killed? How could the modern world let this mass execution take place? Can and will history repeat itself? There are no easy answers to these questions, but this course invites students to look deeply at these troubling issues.

HLT 301-379 — 3 credits
Health Electives
Health (HLT) courses count as nursing electives. These courses focus on contemporary issues to health and wellness. The HLT prefix allows non-nurses to participate in the courses, as the course content is appropriate for everyone.

HRM 300 — 3 credits
Labor Relations and Collective Bargaining
Bargaining relationships, collective bargaining content, and the use of mediation are discussed in this course. Arbitration and other approaches to resolve conflicts are considered. Prerequisites: BBM 201

HRM 305 — 3 credits
Staffing Organizations
This course provides students with the skills and knowledge to make effective staffing decisions. Topics include job analysis, recruitment, writing effective advertising copy, selection (including interviewing techniques), orientation, and voluntary and involuntary terminations. Emphasis is on the ethical and legal considerations involved in staffing decisions. Prerequisites: BBM 201

HRM 310 — 3 credits
Organizational Development
This course studies the structures and dynamics of organizations as complex systems. Students examine theories and concepts which explain organizational behavior and productivity. Organizational norms, cultural design, and structure are explored. Prerequisites: BBM 201, and for HRM minors ONLY: BBM 301

HRM 311 — 3 credits
Human Resource Management
This course reviews systems required to effectively recruit, select, train, and maintain a workforce. Particular emphasis is placed on training and development, wage and salary administration, and personnel planning. Prerequisites: BBM 201

HRM 312 — 3 credits
Computer Applications in Human Resource Management
This course examines the use of computer applications in human resource management (in particular PeopleSoft®) through interactive computer lab utilization. Students review basic computer theory and then apply that theory to produce human resources documents and projects. Prerequisites: BCS 206, BBM 201, and HRM 311

HRM 320 — 3 credits
Safety in the Workplace
This course focuses on topics regarding the Occupational Safety and Health Administration (OSHA). Students develop the knowledge and skills necessary to provide a safe, healthy, and secure work environment for all employees. Prerequisites: BBM 201

HRM 321 — 3 credits
Organizational Communication
This course examines the communication process as it relates to the successful internal and external communication of information within the organization. Particular emphasis will center on successful communication within a diverse workplace. Prerequisites: BBM 201

HRM 340   3 credits

The Adult Learner

The purpose of this course is to provide learners with a broad understanding of the theoretical base and principles of adult learning, the methods of adult education, and the role of the teacher in facilitating effective learning. The course examines the adult as a unique learner and the implications of the knowledge of adult development on the instructional process. Prerequisites: BBM 201

HRM 350   3 credits

International HRM

This course is designed specifically for those students interested in the application of HRM techniques and practices in a global context. It will focus on strategic issues related to the effective management of international HRM in the modern multinational organization. The course will cover general HRM processes and systems but will focus on unique challenges faced by global companies as they acquire, develop, deploy, and maintain human resources. Prerequisites: BBM 201

HRM 400   3 credits

Legal Aspects of Human Resource Management

This course develops a comprehensive understanding of the legislative and administrative laws and judicial rulings affecting the human resources professional. Understanding employment law is the primary focus of this course. Prerequisites: HRM 311

HRM 405   3 credits

Compensation Administration

This course examines compensation and reward systems, including wage and salary administration, incentive plans, and employee benefit programs. The role of the human resources professional in developing and administering these programs is examined throughout the course. Prerequisites: HRM 311

HRM 410   3 credits

Training and Development

This course provides students with a practical approach to training employees in the business environment. Components of training design, including needs assessment, objectives, and evaluation are studied. Training presentation styles are also reviewed. Prerequisites: HRM 311

HRM 460   3 credits

Topics in Human Resource Management

This course is an intensive study of selected topics related to the field of human resource management. Emphasis is on in-depth research in staffing, human resource development, or international human resource management, as selected by the instructor. Prerequisites: Advanced standing, permission of the instructor, and HRM 311

HRM 490-493   3 credits

Internship in Human Resource Management

The internship provides work experience, allowing the student to consolidate knowledge, apply skills, and organize a philosophical framework vital for success in the field of human resource management. Students must have a minimum of 60 credits and a minimum GPA of 2.5. Course is graded pass/fail. Prerequisites: HRM 311

HUM 204   3 credits

Folklore

In many ways, world folklore is the basis of the arts and, also, a strong influence on areas as diverse as psychology and religion. This course acquaints the students with an array of topics, including myths, proverbs, superstitions, fairy tales, and other sources of folk belief.

HUM 301   3 credits

Biblical Studies

This course presents the Bible as historical literature through which the roots of the Judeo-Christian world view are traced. Using a biblical perspective, social issues such as the origin of racism, sexism, and other contemporary issues are discussed and analyzed.

HUM 302   3 credits

World of Wines

Introduction to the world of wines explores the different wine producing grapes and wine regions around the world in terms, growing condition, and the skill of winemakers to produce wines which reflect the character and style of these world class regional wines. This will be accomplished with an in-depth study and discussion of the key wine grape regions in the world, including historical and geographical backgrounds, pertinent grape varietals and manufacturing processes. Each week will include a wine tasting and evaluation to support the premises Sensory perception will also be utilized to gain a pragmatic approach to food and wine matching. Prerequisites: Must be 21 years of age to register for this section. Lab fee required.

HUM 306   3 credits

Comparative Religion

This course is an historical treatment of American Judaism, Catholicism, Protestantism, Hinduism, Buddhism, Confucianism, and Islamism. The relationship of religion to broad cultural settings is given emphasis.

HUM 307   3 credits

The Performing Arts

This course is an introduction to all disciplines of performing arts, with special emphasis on the arts in Delaware. Attendance at a variety of performing arts events and reviews and critiques of these programs are an essential part of the course.

HUM 310　　　　　　　　　　　　　　　　3 credits
Building Brain Power

This course seeks to unlock the individual's creative potential, both personally and professionally. Creativity is typically ascribed to the outstandingly gifted and, most notably, artists. Therefore, many assume they cannot be creative unless they were born especially talented. However, research indicates that creative skills can be taught and developed. Considering the magnitude and complexity of problems facing contemporary society, fostering the understanding and growth of creative potential has become a crucial agenda.

HUM 325　　　　　　　　　　　　　　　　3 credits
Empowerment Strategies

This course offers strategies for seeing possibilities in situations, ways of changing perspectives, evaluating opportunities, and discovering the power within you to change your attitudes, your work, your relationships, and your life for the better.

HUM 330　　　　　　　　　　　　　　　　3 credits
Introduction to Modern Theater

This course gives students a thorough understanding of the intricacies of play production, including the interacting roles of the dramatist, actor, and backstage worker. Also included is a brief history and discussion of the changing theater from 1930 to the present.

HUM 340　　　　　　　　　　　　　　　　3 credits
Hispanic Culture and Enrichment

Students will learn the importance of introducing children to foreign culture and language at an early age, as well as how to implement a program into the curriculum. This is a new, unique, and highly motivating course which will provide an understanding of the Hispanic culture. Students will learn through hands-on activities, crafts, music, dance, guest speakers, food, and some Spanish vocabulary.

HUM 341　　　　　　　　　　　　　　　　3 credits
Native Americans

This course includes the study of Native American social and economic history and culture. It will acquaint the students in a broad way with the struggles and accomplishments of the Native Americans. One of the aims of this course is to bring about greater understanding and appreciation of the contributions and achievements of the Native Americans.

HUM 342　　　　　　　　　　　　　　　　3 credits
Western Myth

This course will examine the myths of the western world. Students will become acquainted with certain myths that have helped shape some of our western values and beliefs.

HUM 350　　　　　　　　　　　　　　　　3 credits
American Folklore

Throughout its history, America has established a rich and varied folklore tradition. In this course, students will gain a greater understanding of this expressive area of study which explores the heritage of traditional America.

HUM 360　　　　　　　　　　　　　　　　3 credits
Human World Views: 3500 BCE–1650 AD

This course will focus on specific time periods, events, and historical questions of western/non-western cultures. It incorporates a wide variety of political, social, economic, religious, intellectual, and scientific issues that encompass and define the study of the Humanities, as we are confronted with basic questions regarding historical development, cultural traditions, human nature, moral action, and practical necessity. Prerequisites: ENG 102 GPA .67

HUM 361　　　　　　　　　　　　　　　　3 credits
Human World Views: 1650 AD–Present

The primary way to understand the past and to appreciate the present is through an examination of the literature, art, philosophy, and history of the generations. Each piece of these disciplines is juxtaposed against the tapestry of history and culture so that it can be viewed within the content of its time. HUM 361 is a continuation of HUM 360 and will cover the time from 1650 AD to the present, emphasizing prevailing world views. Prerequisites: ENG 102 GPA .67

HUM 410　　　　　　　　　　　　　　　　3 credits
Food: Art and Custom

Food appreciation explores the rituals of dining, with emphasis on terminology and techniques used in the preparation and presentation of each dinner course, including complimentary beverages. Social and business implications of food will be discussed and demonstrated. Concentration will be on the pleasure that awareness of the art of food preparation affords the diner.

HUM 411　　　　　　　　　　　　　　　　3 credits
Food: Art and Custom: International

Food: International explores the cultural impact of dining In countries currently playing major roles in the global economy. Recognizing that the future will require traveling and working in the world community, this course will provide an introduction to the traditional dishes of the selected countries, the etiquette of dining in those countries, and the fusion of that food into American cuisine.

HUM 420　　　　　　　　　　　　　　　　3 credits
European Cultures and Historical Legacies

This course offers a unique combination of study and experience. Students will find opportunities for cross-cultural encounters, which, in turn, will provide a physical and intellectual framework for an educationally exciting and enriching experience. The students will explore some of Europe's major cities, investigating their history, culture,

changes, and present roles in the European community. This course is especially suited for students who wish to pursue international interest and studies beyond the classroom. The location of this course will be Italy.

HUM 421 — 3 credits
European Cultures and Historical Legacies
This course offers a unique combination of study and experience. Students will find opportunities for cross-cultural encounters, which, in turn, will provide a physical and intellectual framework for an educationally exciting and enriching experience. The students will explore some of Europe's major cities, investigating their history, culture, changes, and present roles in the European community. This course is especially suited for students who wish to pursue international interest and studies beyond the classroom. The location of this course will be Paris, London, and Venice.

HUM 425 — 3 credits
Arab Perspectives
This course is for those students who have little prior knowledge about the Arabic world and culture, in particular the world of Arab women. The course addresses the larger geographical, ideological, and cultural aspects of the Arabic world, as seen through the eyes of sociologists, film makers, and scholars, especially notable Arab women. The focus of the course includes themes about family, gender, self-expression, and religion.

ISM 110 — 3 credits
Information Systems Theory and Practice
This course will include an introduction to systems and development concepts, information technology and application software. It will further involve an understanding of organizational systems planning, decision-making processes and how information is used for decision support in organizations. Quality and decision theory as well as information theory and practice essential for providing viable information to an organization will also be discussed.

ISM 300 — 3 credits
Business Process Management
This course will introduce students to understanding, documenting, mapping, and improving business processes, including a systematic approach and notation for planning, graphically representing, communicating, and managing a company's business process performance. It will include processes at a strategic, tactical, and organizational level. Discussions of the logical design of processes, process design and implementation and IT's role in business process automation will also be included.

ISM 330 — 3 credits
Business Intelligence
This course will introduce students to the concepts of business intelligence. It will include contemporary applications and practices for the collection, analysis and presentation of an

organization's information. Students will also be introduced to the concepts of converting data into business intelligence to improve organizational performance.

ISM 350 — 3 credits
Information Technology Policy and Strategy
This course will include: 1) management's strategic prospective for aligning competitive strategy; 2) an introduction to the development and implementation of policies and plans to achieve organizational goals; 3) an introduction to operational, strategic and administrative needs of an organization and the systems that support them; 4) examining the collaboration and dual challenges of maintaining information systems and keeping apprised and using emerging technologies. Prerequisites: ISM 300.

ISM 400 — 3 credits
System Analysis and Design
This course provides an understanding of the system development and modification process. It enables students to evaluate and choose a system development methodology. The factors for effective communication and integration with users and user systems are emphasized. Interpersonal skill development with clients, users, team members, and others associated with development, operation, and maintenance of the system is encouraged. Other topics examined are object-oriented analysis and design, use of data modeling tools, and development and adherence to life-cycle standards.

ISM 410 — 3 credits
Physical Design and Implementation with DBMS
This course covers information systems design and implementation within a database management system environment. Students demonstrate their mastery of the design process acquired in earlier courses by designing and constructing a physical system using database software to implement the logical design.

ISM 420 — 3 credits
Data Modeling and Warehousing
This course will focus on the data warehousing concepts and the general architecture of data warehousing systems, including data marts. Students will learn the business drivers for deciding to make an investment in data warehousing. The course will include a review of the entity-relationship / domain class modeling techniques used in the design of the transactional databases that provide the source of data for data warehouses. Students will learn how to create dimensional data models to design data warehouses. In addition, students will develop an understanding of the ETL (extract, transform, load) processes for extracting data from multiple sources and converting the data into a consistent format, based upon the reference data standards, for consolidation in the data warehouse. The students will be introduced to the Business Intelligence (BI) concepts of OLAP and data mining that are generally used in conjunction with data warehouses. This course will focus on the implications of different data warehousing technologies on the use of BI

techniques. A separate course will explore Business Intelligence applications in depth. Prerequisites: ISM 410

ISM 455 3 credits
Strategic Application of Information Technology
This capstone course will involve identifying, analyzing, planning and reflecting on a current business/IT system. It will involve a project, approved by the instructor that includes an existing organization or case study. Business processes and the IT assets and resources that support them must be included as well as a recommended strategy for improvement by the student. The review will also include the concepts studied in the preceding core courses. A final report and presentation will be required Prerequisites: ISM 350 and ISM 450

ISM 450 3 credits
Project Management and Practice
The factors necessary for successful management of system development or enhancement projects are covered in this course. Both technical and behavioral aspects of project management are discussed. The focus is on management of development for enterprise-level systems. This course incorporates such functional areas as finance, marketing, and production in the project. Prerequisites: ISM 400 and ISM 420

LES 120 3 credits
Introduction to Legal Studies
This course provides an introduction to the legal field and the many opportunities available within the legal services industry. Students will receive an overview of the ethical obligations, regulations, professional trends, and skills required of those within this field. Prerequisites: ENG 101

LES 200 3 credits
Legal Ethics
This course is a comprehensive survey of professional responsibility issues for paralegals, legal assistants, and those in related industries. The main focus will include the study of the American Bar Association's Model Code and Model Rules of Professional Responsibility and various professional paralegal associations' codes of ethics. Prerequisites: LES 120

LES 205 3 credits
State and Local Government
This course surveys the complexity of the fifty state governments and numerous local governments in the United States. The issue of authority in the three forms of government found throughout the United States - unitary, confederate, and federal - is examined. Prerequisites: ENG 102

LES 303 3 credits
History of American Jurisprudence
This course examines the American jurisprudence system from the founding of the government of the United States of America to the system of laws that exists today. The main focus of the course is on laws and the courts and the tremendous

impact of the rule of law that has developed during the last century. Prerequisites: ENG 102

LES 304 3 credits
Constitutional Law
This course examines the United States Constitution and its broad framework. Specific topics of review include the powers of each branch of government, judicial review of Congressional enactments, separation of powers, the relationship between the federal government and the states, the limitations of the federal government's interference with private transactions, and the concept of state action which underpins all the limitations on the governmental power of the Constitution. The course also explores individual rights under each of the amendments. Prerequisites: LES 316

LES 314 3 credits
Legal Research
This course provides an in-depth look at legal and non-legal research. Emphasis is placed on providing students with hands-on training in the use of both primary and secondary legal sources, including: reported court decisions, constitutions, statutes, administrative regulations, court rules, treaties, legal encyclopedias, and legal periodicals. Various legal and non-legal finding tools such as digests, citators, annotated statutes, legal dictionaries, and form-books are also discussed. Students will also receive training in computer-assisted legal research. Prerequisites: ENG 102 and LES 120

LES 316 3 credits
Legal Writing
This course provides students with an introduction to case analysis and the fundamentals of legal writing. Students learn how to analyze legal opinions for use as legal precedent. Students also learn how to distinguish various legal opinions and draft persuasive arguments. Emphasis is placed on the identification of key facts, issues, holdings, and reasoning in a legal opinion. An understanding of the basic Bluebook citation format will be taught, as well as how to prepare client correspondence, legal briefs, and memorandums of law. Prerequisites: ENG 102 and LES 314

LES 317 3 credits
Contracts
This course provides students with both the theory of contracts and the skills that paralegals need to use them. Instruction presents interesting and significant court cases for discussion, emphasizing a practical approach to understanding contracts. Topics include all major areas of contracts, including offer, acceptance, consideration, statute of frauds, third-party beneficiaries, performance, breach of contract, and damages. Corequisite: LES 316

LES 320   3 credits

Law Office Technology

This course examines the legal marketplace and introduces its members and their respective roles within the legal environment. Students learn about the integration of technology into the delivery of legal services. Topics include: legal fees, timekeeping, billing, case management software, docketing and calendaring software. Prerequisites: BCS 205

LES 330   3 credits

Cyberlaw

This course provides an overview of the legal doctrines and principles that apply to the operation and development of computer technology and the Internet. Topics include: issues related to jurisdiction, constitutional issues of free speech, property rights, e-business, and cutting-edge legislation like the Anticybersquatting Act. Prerequisites: ENG 101 and ENG 102

LES 331   3 credits

Electronic Discovery

This course looks at the structure and scope of system and records regulation in various industries, the process of discovery within the legal system and its likely impact on a systems administrator. Topics include: technologies for handling electronic discovery, computer forensics, identifying media types, and best practices for data collection. Prerequisites: ENG 101 and ENG 102

LES 401   2 credits

LSAT Preparation

This course is designed to aid students in preparing for the LSAT examination by introducing them to the form and content of the exam. Students will develop a personal study plan and complete several self-diagnostic tests. Each type of LSAT question will be discussed in-depth. This is a junior or senior level course. Please note that this course may leave a student one credit short for degree completion unless they have extra credits from transfer or a 4 credit science course. Students considering this course should check with an Academic Advisor.

LES 402   3 credits

Business Organizations

This course provides a comprehensive overview of the formation of legal entities. Main topics include the legal procedures essential to the creation and structuring of various entities, including sole proprietorship, corporations, trusts, and limited liability corporations. Students will also receive instruction in the preparation of documents necessary to the legal organization and the operation of each type of entity. Prerequisites: LES 316

LES 403   3 credits

Civil Procedure

This course examines the theory and practical aspects of basic civil litigation, including preliminary investigation, pleadings, motions, discovery, trials, and appeals. Emphasis will be placed on the requirements and restrictions of the Federal Rules of Civil Procedure which apply throughout the United States. Corequisite: LES 316

LES 404   3 credits

Criminal Law

The course features an overview of the principles and philosophy of criminal law, focusing primarily on court rules and case precedents. Specific topics include: administration of criminal justice, components of a crime, search and seizure, confessions and Miranda, and pretrial through sentencing and punishment. Prerequisites: LES 316

LES 405   3 credits

Delaware Practice

This course discusses various areas of substantive law as they are applied in Delaware. The jurisdiction of each court and their respective rules will also be covered: Justice of the Peace, Court of Common Pleas, Superior Court, Chancery Court, and Delaware Supreme Court. Students may be required to attend one or more court proceeding. Prerequisites: LES 316

LES 406   3 credits

Family Law

This course introduces the students to the procedural and substantive law affecting the family and domestic relations. The law affecting prenuptial agreements, separation, divorce, annulments, spousal support, alimony, spousal abuse, custody, child support, and adoption is discussed. Emphasis is placed on the preparation of relevant legal documents and procedures for various court filings. Prerequisites: LES 316

LES 408   3 credits

Employment Law

This course examines the concepts and laws governing employment and collective bargaining in both the private and public sectors. It includes a thorough discussion of bargaining units, election procedures, unfair labor practices, and good faith bargaining. Additionally, it will acquaint the student with the philosophy and practice of labor arbitration. Topics include federal wage regulation, labor law, workplace discrimination, the impact of employment practices, the ADA, privacy laws, sexual harassment, human resource management, and employee handbooks. Prerequisites: LES 316

LES 409   3 credits

Bankruptcy

This course introduces the relevant rules and procedures involved in the presentation of a petition for bankruptcy of an individual or a company, from consumer Chapter 7 and Chapter 13 petitions to an overview of the complexities of Chapter 11 business bankruptcies. Prerequisites: LES 316

LES 410   3 credits

Real Estate, Transfer, and Ownership Law

This course provides a comprehensive survey of the modern real estate property transaction, covering the drafting of basic documents involved in transfer of land such as deeds, mortgages, sales agreements and options, and a review of federal and state regulation of land transfer. Emphasis is placed on ownership rights, survey and land descriptions, encumbrances, easements and licenses, financing, title examinations, real estate closings and leases. Prerequisites: LES 316

LES 411   3 credits

Estates, Trusts, and Probates

This course discusses the law of testamentary disposition; the common instruments used in testamentary dispositions; and the formalities for validity, construction, and interpretation of wills, trusts, and other post-death transfer devices. Emphasis will be placed on the probate process, estate administration, and federal and state tax concerns. Prerequisites: LES 316

LES 416   3 credits

Environmental Law

This course surveys the major federal statues related to environmental quality and analyzes various approaches to regulation. Primary focuses are on the interaction of law and policy; and the roles of Congress, the regulatory agencies, and the courts in defining and implementing environmental mandates. In addition, toxic torts and environmental litigation will be discussed. Prerequisites: LES 316

LES 417   3 credits

Intellectual Property

This course provides an overview of the classes of intellectual property, including U.S. patents, copyrights, trademarks, and trade secrets, with an emphasis on the process for securing intellectual property rights, ownership issues, and licensing of intellectual property, i.e., technology transfer. Prerequisites: LES 316

LES 420   3 credits

Personal Injury and Malpractice

This course provides a comprehensive overview of civil wrongs. Students will learn the elements of negligence as applied in personal injury and malpractice actions. Also discussed will be intentional torts, strict liability, and affirmative defenses. Prerequisites: LES 316

LES 490   3 credits

Internship in Legal Studies

This course consists of supervised, practical work experience in a law office, judicial office, nonprofit agency, or another entity which employs legal paraprofessionals. Prerequisites: LES 316 and LES 403

LES 499   3 credits

Senior Seminar in Legal Studies

The Senior Seminar integrates theory and practice in substantive areas of law culminating in a portfolio of original work designed to assess student mastery of program competencies. Prerequisites: Completion of all Legal Studies core courses and senior status

LIT 201   3 credits

Introduction to Literature

This course introduces students to the historic forms of literature that include short story, drama, poetry, and the novel. Students will read, critically analyze, and evaluate selected works from each literary genre. They will prepare short reports and papers about the characteristics of these selected works. Prerequisites: ENG 102

LIT 205   3 credits

World/Non-Western Literature

This course is designed to provide students with an overview of non-western literature. The study will cover selected literary works of four major areas: India, South East Asia, Asia, and Latin America. Students will examine the influence of politics, religion, economics, and geography on literary expression. They will also explore the influence of the literature and culture of these non-western countries on many American concerns. Prerequisites: ENG 102

LIT 313   3 credits

Visual Approaches to Literature: The Graphic Novel

This course will cover graphic novels and storyboarding, looking at both text and graphics to discuss plot, characterization, themes, symbolism, and other literary elements. Students will become familiar with Joseph Campbell's monomyth in order to explore common structures and ideas in graphic novels. Students will also begin to storyboard in order to understand the logical underpinnings of plot and character development. This class will be taught by reading, class discussion, and analysis. Assessment will be through essays, storyboarding, and presentations.

LIT 332   3 credits

Major American Writers

This course will survey American literature from the Colonial period to the present. Emphasis will be placed on writers that have significantly influenced the national literature. Prerequisites: ENG 102

LIT 333   3 credits

African American Literature

This course is a survey of African American literature from the 1700s to the present. Students will examine writings from their historical contexts, analyzing the social, economic, and political forces that influenced these works. Prerequisites: ENG 102

LIT 334 — 3 credits
Dramatic Literature
This course is designed to provide the opportunity for study and enjoyment of dramatic literature. Students will study the history of the theater and the forms of drama through the reading and analysis of representative plays. The course will focus on playwrights, periods, settings, characters, plots, and historical aspects of particular plays. Prerequisites: ENG 102

LIT 335 — 3 credits
Russian Literature
This course will explore the writing of major Russian authors from the 19th and 20th centuries. Students will also analyze the political and social background of the period that influenced the novels. Although the primary emphasis will be on literature, students will also study other art forms from the period. Prerequisites: ENG 102

LIT 352 — 3 credits
Women's Literature
This course surveys selected major female writers of the nineteenth and twentieth centuries, with an emphasis on their portrayal of the female in relation to twentieth century issues. Prerequisites: ENG 102

LIT 353 — 3 credits
History of Mystery
Students will study the literary genre of the mystery throughout its history. The course begins with selected readings from Edgar Allan Poe (1840s) and presents a historical progression of the mystery with discussions of works by Wilkie Collins, Arthur Connan Doyle, G. K. Chesterton, Agatha Christie, Dashiell Hammet, and Raymond Chandler. Students will also view selected films and write reviews emphasizing the elements of mystery and their roots in literature. Prerequisites: ENG 102

LIT 361 — 3 credits
The Art of Poetry
Students will study the major forms of poetry through the works of selected poets. They will examine various poetic techniques and devices as well as various poetic symbols. Students will also explore the characteristics of various poetic schools such as Symbolism, Modernism, Imagism, Confessional Poetry, Beat Poetry, African American Poetry, Women's/Feminist Poetry, Native American Poetry, Nature Poetry, and Deep Image Poetry. Prerequisites: ENG 102

LIT 443 — 3 credits
Shakespeare's Plays
Students will examine five major plays of William Shakespeare. They will view and discuss the plays especially in terms of their application to the present time. The discussions will focus on the characters in the plays and the conflicts that they faced. Prerequisites: ENG 102

LIT 445 — 3 credits
British Literature
This course presents the works of representative major British authors from Chaucer to contemporary writers. The focus is on a limited number of authors, and students engage in an in-depth study of selections by each. Literature includes prose fiction, essays, plays, and poems. Prerequisites: ENG 102

LIT 446 — 3 credits
European Writers
This course studies representative writing from European countries such as France, Germany, Norway, and Russia. Focus will be on analysis of a limited number of works from various genres including the short story, drama, poetry, and the novel. Primary emphasis will be on literature from the 19th and 20th centuries. The class will function as a discussion group with additional lecture and video. Prerequisites: ENG 102

LIT 451 — 3 credits
The Novel
This course is designed to acquaint students with the history, theory, and structural aspects of the novel. Students will study the form of the novel, including theme, point of view, plot, and characterization. Prerequisites: ENG 102

MAT 095 — 0 credit
Mathematics Review
This course is designed to provide a review of basic mathematics skills for students who need to strengthen their background in mathematics before they take higher-level courses. It provides a foundation for success in subsequent college-level mathematics. This is a lecture course which includes the following topics: Order of operations, Properties of numbers, Fractions and decimals, Ratio and proportion, Percents, Graphs and charts, Applications, Exponents, Geometry: length, area, and volume. Other areas will be introduced as time permits.

MAT 101 — 3 credits
College Math I
This course provides a review of algebra fundamentals, including linear equations and inequalities, polynomials, factoring, rational expressions, integer exponents, and quadratic equations. The course will also cover linear, quadratic, polynomial, rational, and exponential functions, as well as graphing techniques for these functions. The elimination method for solving systems of linear equations will be discussed, followed by an overview of basic linear programming. The mathematics of finance will be introduced. Applications of mathematics will be stressed. Prerequisites: Successfully passing math skills assessment or MAT 110

MAT 102 — 3 credits
College Math II
This course covers basic set theory and operations. Basic probability will be introduced as well as conditional probability, permutations and combinations, binomial trials and probability distributions, expected value, and making decisions under

conditions of uncertainty. An introduction to statistics will cover frequency distributions, measures of central tendency and variation, as well as the normal and binomial distributions. An introduction to calculus will cover limits of functions, derivatives, applications of derivatives, and an overview of integration. Prerequisites: MAT 101

MAT 110   3 credits
Math Essentials

This course provides a basic introduction to algebra. Topics covered in this course include: real numbers and their properties, algebraic expressions and exponents, solving first-degree equations in one variable, solving and graphing inequalities, graphing linear equations, using slope and y-intercept in graphing, polynomials and polynomial operations, solving quadratic equations, and solving two linear equations in two unknowns. Applications of algebra and the use of formulas will be covered. Credit for this course applies toward graduation as an elective. (Please note: minimum passing grade is a "C").

MAT 200   3 credits
Pre-Calculus

This course provides an integrated review of intermediate algebra, analytic geometry, and basic trigonometry in order to prepare the student for calculus. Appropriate topics in algebra are reviewed. The concept of "function" is stressed. Various classes of functions and their respective graphs and applications will be covered. Specifically, the course will cover linear, quadratic, polynomial, rational, exponential, logarithmic, and trigonometric functions. Prerequisites: MAT 101 or college algebra equivalent

MAT 201   3 credits
Mathematics for Teachers I

This course is designed for pre-service teachers and provides an understanding of topics in mathematics which the student will be expected to teach. Course content includes set theory, numeration systems, selected topics in number theory, real numbers and their properties, problem-solving techniques, and topics in algebra. Prerequisites: Successfully passing math skills assessment or MAT 110 (Please note: minimum passing grade is a "C")

MAT 202   3 credits
Mathematics for Teachers II

This course is designed for pre-service teachers and is a continuation of MAT 201. Course content includes probability, statistics, geometry, and concepts of measurement. Applications and problem solving will be stressed. Prerequisites: MAT 201 (Please note: minimum passing grade is a "C")

MAT 205   3 credits
Introductory Survey of Mathematics

This course provides an introduction to a broad range of areas in mathematics, including set theory, properties of real numbers, algebra, probability, statistics, and consumer math. Topics in algebra include solving linear and quadratic equations, graphing

linear and quadratic equations, inequalities, solving systems of two linear equations in two unknowns, and applications. Topics in probability include the definition of probability, odds, expectation, and the probability of compound events. The statistics portion of the course covers measures of central tendency, measures of dispersion, and the normal curve. Prerequisites: Successfully passing math evaluation test or MAT 110

MAT 301   3 credits
Principles of Statistics I

This course introduces methods of summarizing data in the form of tables and graphs, measures of central tendency and dispersion, bivariate relationships (correlation and linear regression), elementary probability, discrete probability distributions, and continuous random variables. Business applications are emphasized. Prerequisites: MAT 102 or MAT 205

MAT 302   3 credits
Principles of Statistics II

This course builds on the foundation laid in MAT 301. It introduces the student to testing hypotheses using the normal and student's "t" distributions, the chi-square test, analysis of variance, multiple regression and modeling, and various non-parametric methods. Business applications are emphasized. Prerequisites: MAT 301

MAT 304   3 credits
Mathematics for Teachers III

This course is designed for pre-service teachers and is a continuation of MAT 201 and MAT 202. It covers selected topics in algebra (polynomials, quadratic equations, and systems of linear equations), the rectangular coordinate system, functions, graphs of linear and quadratic functions, the use of functions as models, linear inequalities, consumer mathematics, and a high-level overview of calculus. Applications of mathematics will be stressed. Additional topics may be introduced as time permits. Prerequisites: MAT 202 (Please note: minimum passing grade is a "C")

MAT 308   3 credits
Inferential Statistics

This course introduces the student to the scientific method of collecting, organizing, and interpreting quantitative data in the behavioral, social, and medical sciences. Students are introduced to ways of making wise choices in the face of uncertainty and ways to recognize developing situations that may require corrective action. Topics include measurement concepts, frequency distributions, measures of central tendency and variability, probability distributions, random sampling, and hypothesis testing using "sign", "z", and "t" tests, analysis of variance, and chi-square tests. Prerequisites: MAT 102 or MAT 202 or MAT 205 or BSN candidate

MAT 310   3 credits

Calculus I

After a brief review of classes of functions and their properties, this course provides an introduction to differential calculus. Topics include limits, continuity, the derivative, techniques for finding the derivative, use of the derivative in graphing functions, and implicit differentiation. Applications of the derivative, including extrema applications and related rates, are covered. Prerequisites: MAT 200

MAT 311   3 credits

Calculus II

This course is a continuation of MAT 310. Topics include the definite integral, the Fundamental Theorem of Calculus, integration techniques, applications of the definite integral, and improper integrals. An overview of multivariable calculus includes partial derivatives, minima and maxima, and double integrals. An introduction to differential equations is provided. The course concludes with a discussion of Taylor series and L'Hospital's rule. Prerequisites: MAT 310

MAT 320   3 credits

Finite Mathematics

This course provides a survey of selected topics in mathematics, with emphasis on problem solving and applications. Core topics include an introduction to logic, set theory, probability, systems of linear equations, and an introduction to statistics. Additional topics may include linear programming and mathematics of finance. Prerequisites: MAT 304 or college algebra equivalent

MAT 330   3 credits

Discrete Math

This course provides an introduction to discrete mathematics. Topics include sets, functions and relations, mathematical induction and logic, elements of number theory, counting techniques, recursion, graphs and trees, and an introduction to Boolean algebra. Applications in computer science are reviewed. Prerequisites: MAT 200 and MAT 320

MAT 331   3 credits

Geometry

This course presents the basic concepts and principles of Euclidean geometry in two and three dimensions. Axiomatic systems and formal proofs are covered. An overview of non-Euclidean geometries is provided. Prerequisites: MAT 200

MAT 332   3 credits

History of Mathematics

This course provides an overview of the historical evolution of major concepts and applications in mathematics. Biographical sketches of major contributors are included. The contributions of various cultures are reviewed. Prerequisites: MAT 311, MAT 308, and MAT 331

MIS 320   3 credits

Management Information Systems

This course is an overview of management information systems and their use to support business operations. Students are exposed to current information systems technology used in the business decision-making process. Emphasis is placed on management control of information systems. Topics include information systems concepts and planning; end-user computing; hardware, software, including decision support systems, "Groupware," and database systems; networks; international, social, political, legal, behavioral, and ethical issues of MIS. Prerequisites: BCS 206

MLS 105   1 credit

Introduction to Leadership I

This course provides an introduction to leadership principles using case studies, historical perspectives, and hands-on leadership opportunities. Students will learn to rappel, use a map and compass, understand the basics of physical fitness, and become familiar with Army traditions and ceremonies. No military obligation is associated with this course. (This course will be taught at the University of Delaware.)

MLS 106   1 credit

Introduction to Leadership II

This course continues to build on the basics of MLS 105. It presents additional leadership opportunities and expands upon leadership theory. Students will learn basic rifle marksmanship, develop public presentation abilities, and continue physical fitness development. No military obligation is associated with this course. Previous ROTC participation is not required. (This course will be taught at the University of Delaware.)

MLS 108   1 credit

Ranger Company

This course provides training in a variety of military disciplines in order to build knowledge of small-unit military tactics, develop leader skills, and improve physical fitness and overall confidence levels. No military obligation is associated with this course. ROTC participation is not required. (This course will be taught at the University of Delaware.)

MLS 166   3 credits

Special Problem

See course description for MLS 105 or MLS 106. This course number is designed for students who have scheduling conflicts due to courses required for their degree. (This course will be taught at the University of Delaware.)

MLS 205   1 credit

Basic Leadership I

This course is designed to enhance understanding of human behavior, leadership techniques, and management and planning structures. It builds leadership competencies through leadership opportunities with structured evaluations and feedback. Students will learn about the various branches and job opportunities in the Army. No military obligation is associated

with this course. Previous ROTC participation is not required. (This course will be taught at the University of Delaware.)

MLS 206   1 credit
Basic Leadership II

This course continues to build on the basics of MLS 205. Students will learn small-unit tactics and how to handle up to ten people in stressful situations with feedback on performance. Students will also further develop skills with a map and compass, weapons safety, and emergency first-aid techniques for basic life saving. No military obligation is associated with this course. (This course will be taught at the University of Delaware.)

MLS 215   4 credits
Leadership Development

This is an introductory, six week off-campus, hands-on leadership education and assessment course called the Leader Training Course, designed for students interested in becoming Army officers. Real life individual and collective leadership challenges and opportunities are presented. This course is held at Fort Knox, Kentucky. All expenses are paid. Multiple scholarship opportunities are available. No military obligation is associated with this course, but a sincere interest in becoming an Army officer is required. Previous ROTC participation is not required. (This course will be taught at the University of Delaware.)

MLS 266   3 credits
Special Problem

See course description for MLS 205 or MLS 206. This course number is designed for students who have scheduling conflicts due to courses required for their degree. (This course will be taught at the University of Delaware.)

MLS 305   2 credits
Applied Leadership I

This course provides advanced training in military leadership. It is one of two courses designed to prepare cadets for the ROTC Leader Development and Assessment Course. It focuses on leadership development through multiple, small-unit leadership opportunities and counseling, and fine tunes skills learned in the previous two years of Military Science; the ROTC Leader Training Course; or prior military service, especially marksmanship, land navigation, drill and ceremonies, and physical fitness. Commitment to military service is required. Restriction: Permission of instructor required. This course is for ROTC students, current military service members, or veterans. (This course will be taught at the University of Delaware.)

MLS 306   2 credits
Applied Leadership II

This course continues to build on the basics of MLS 305. It completes preparation for the Leader Development and Assessment Course and focuses on leadership (40 adults) at the platoon and company (120 adults) level. Small-unit tactics and training are emphasized. Information is provided to help the student make wise decisions about military service options.

Commitment to military service is required. This course is for ROTC students only. (This course will be taught at the University of Delaware.) Prerequisites: MLS 305

MLS 315   4 credits
Leader Evaluation

This is an advanced, four-week off-campus, hands-on leadership education and assessment course. Real life individual and collective leadership challenges and opportunities are provided. This course is held at Fort Lewis, Washington. All expenses are paid. Commitment to military service is required. Restriction: Permission of instructor required. (This course will be taught at the University of Delaware.) Prerequisites: MLS 305 and MLS 306

MLS 365   3 credits
Military History Studies

This course covers selected topics in American military history, current military trends, and future military requirements. No military obligation is required. (This course will be taught at the University of Delaware.)

MLS 366   3 credits
Independent Study

See course descriptions for MLS 305 or MLS 306. This course is designed for students who have conflicts due to the scheduling of required degree courses. (This course will be taught at the University of Delaware.)

MLS 405   2 credits
Advanced Leadership

This course prepares cadets for commissioning by refining professional skills and leadership ability. Students are assigned leadership positions and function as commanders and staff officers in planning and executing cadet battalion activities. The course focuses on technical skills needed to accomplish assigned missions and other topics which expand cadet knowledge of Army systems and procedures. Commitment to military service is required. This course is for ROTC students only. (This course will be taught at the University of Delaware.) Prerequisites: MLS 305 and MLS 306

MLS 406   2 credits
Advanced Leadership II

This course builds on leadership skills from MLS 405 and helps complete the transition from cadet to lieutenant. Cadets are assigned new leadership positions to broaden their leadership experience. The focus is on officer professional development subjects needed to manage a military career and personal affairs. This course is for ROTC students only. Commitment to military service is required. (This course will be taught at the University of Delaware.) Prerequisites: MLS 405

MLS 466 — 3 credits
Independent Study

See course descriptions for MLS 405 or MLS 406. This course is designed for students who have conflicts due to the scheduling of required degree courses. (This course will be taught at the University of Delaware.)

MNY 300 — 3 credits
Money Management

This course is a basic survey of how to effectively handle personal money issues. Aimed at the general student population, it will focus on such topics as money management, reaching personal financial goals, creating a personal budget, understanding credit, financing major purchases (cars, computers, entertainment systems, homes) and an introduction to investing.

MUS 101 — 3 credits
Music Appreciation

This course increases the student's comprehension and perception of music. Each developmental period will be discussed (i.e. Middle Ages, Renaissance, Baroque, etc.) in terms of the historical background, social influences, characteristics, styles, composers, representative compositions, and performance media.

MUS 201 — 3 credits
Music in Contemporary Society

This course is an examination of music in contemporary society, including discussion of 19th century romanticism, progressive jazz, disco music, bluegrass, country western and folk ballads.

NUR 303 — 4 credits
Nurse as Professional

This course provides a basis for role transition of the registered nurse to student and provides opportunity for exploration of the many dimensions of professional nursing. The student considers the multiple roles of the nurse, the conceptual basis for nursing practice, and selected issues facing the profession of nursing. The course includes an introduction to information literacy and writing skills. Class sessions and course assignments are designed to foster critical thinking skills. Prerequisites: Registered nurse and BSN major

NUR 313 — 3 credits
Nurse as Decision Maker

This course focuses on the application of ethical thinking to contemporary nursing practice. The major ethical theories are examined, and the issue of ethical standards is addressed. The relationship of ethics to technology, legal issues, and economics is explored. Prerequisites: NUR 303 or NUR 305 and 60 lower level credits

NUR 323 — 3 credits
Nurse as Teacher

This course focuses on the development of teaching skills for professional nursing practice. The course will explore the role of the professional nurse in teaching individuals, families, communities, and peers. Prerequisites: NUR 303 or NUR 305 and 60 lower level division credits

NUR 327 — 3 credits
Hispanic Cultural Immersion (for Hispanic Cultural Certificate only)

In this course, students will utilize the skills and knowledge they gained in previous courses in Hispanic language and culture. Students will participate in a community clinical site which provides health care to the Hispanic community. Prerequisites: HUM 340, SPA 301, SPA 302, SPA 305, and HLT 371

NUR 333 — 3 credits
Nurse as Leader

This course focuses on the development of leadership skills for professional nursing practice. The course will explore the leadership role of the professional nurse through clinical practice, self-awareness, and professional involvement. Clinical experiences provide opportunities for students to expand leadership skills needed in professional nursing practice. The students' perspectives of leadership as a component of all professional nursing practice are enhanced through self-directed interaction with a variety of nursing leaders. This course requires sixteen (16) hours of clinical observation with a nurse leader. Prerequisites: NUR 303 or NUR 305 and 60 lower division credits

NUR 343 — 3 credits
Nurse as Consumer of Research

Emphasis in this course is placed on the ability to read, understand, and critique published research reports. Students learn the relevance of research and strategies for utilization. Advocacy and accountability in the conduct and use of research are stressed. Prerequisites: NUR 303 or NUR 305, MAT 308

NUR 363 — 3 credits
Nurse as Caregiver: Chronic and Palliative Care

This course emphasizes the professional nurse's role in health restoration and maintenance for individuals and families affected by chronic conditions from diagnosis through end of life. Palliative care issues are examined. The impact of chronic health problems on the individual, family, and community is explored. Prerequisite: NUR 303 or NUR 305 and 60 lower division credits

NUR 392 — 2 credits
Independent Study in Nursing Research

This course is intended to increase the student's ability to relate research findings to their clinical practice. Through independent research, the student identifies nursing research studies that relate to specific clinical problems.

NUR 393 3 credits

Independent Study In Nursing Practice

This course recognizes the student's personal and/or professional experiences and/or accomplishments relevant to nursing. The student will independently document the experience and/or accomplishment to show achievement of course objectives. If contracting for more than 1 credit, a review of relevant literature is required. Examples of personal and/or professional experiences and/or accomplishments related to nursing include: missionary work, disaster/humanitarian relief work, military experiences, volunteer work, community service, conference presentation, political action, national certification, parish nursing, and/or corporate training courses.

NUR 413 3 credits

Holistic Health Assessment

This course focuses on acquiring the skills to complete a holistic health assessment on an individual and family. Emphasis is placed on: physical assessment skills, communication skills, assessment of growth and development, identification of learning needs, and awareness of cultural diversity. Prerequisites: NUR 303 or NUR 305 and 60 lower division credits

NUR 423 3 credits

Global Health Care

This course focuses on health care needs of aggregates in local, national, and international communities from the perspective of primary, secondary, and tertiary prevention. Students explore a variety of frameworks such as epidemiology, health care systems, and health care planning as conceptual bases for diverse community health nursing roles. Prerequisites: NUR 303 or NUR 305, NUR 343 or NUR 325, NUR 413 or NUR 410, ENG 365, and 60 lower division credits

NUR 426 3 credits

Hispanic Community Health Practicum (for Hispanic Cultural Track students only)

In this course students integrate health care needs of Hispanic aggregates into community health nursing practice settings serving members of the Hispanic population. Students gain experience in group teaching and community assessment within the Hispanic population to strengthen application of community health nursing roles and principles. Prerequisites: NUR 303, or NUR 305, NUR 323, NUR 410 or NUR 413, NUR 420 or NUR 423, HUM 340, SPA 301, SPA 302, SPA 305, HLT 371 and 60 lower division credits

NUR 433 3 credits

Global Health Care Practicum

This course focuses on the integration and practical application of community/global health principles and conceptual bases for community health nursing. Students gain community-based experience in community assessment, group teaching for aggregates, and clinical nursing practice. This course requires thirty-two (32) hours at a clinical site plus three (3) hours of post-conference. Prerequisites: NUR 303 or NUR 305, NUR

323, NUR 363, NUR 413 or NUR 410, NUR 423 or NUR 420, and 60 lower division credits

NUR 460-479 3 credits

Topics in Nursing

These elective courses focus on contemporary subjects and current issues related to nursing and health care. Topics vary, with several different courses offered each year.

ORG 301 3 credits

Survey of Organizational Dynamics

This course reviews the factors that demonstrate how organizations interact with their stakeholders: employees, government leaders, clients, and the community. It also explores the attitudes and behaviors of individuals and groups in organizations with a focus on change in the workplace. Theories of cooperation, conflict, and innovation are discussed. Prerequisites: SOC 101 and PSY 101

ORG 302 3 credits

Psychology of Leadership

Effective leadership is essential to a free society, and an understanding of effective leadership behaviors and traits prepares students for cultivating and honing their own leadership styles. Effective leadership requires the ability to attract followers and motivate them to put forth their best efforts in solving problems. The psychology of leadership behaviors will analyze the leadership behaviors of well-known leaders, evaluate leadership behaviors according to societal values, and synthesize leadership theory into a personal leadership philosophy and action plan. Borrowing from many disciplines, this course will examine the impact of psychological needs and leadership influence. This highly interactive course will use reflection, self-assessments, and simulation scenarios to reflect on effective leadership behaviors and develop leadership skills in students. Prerequisites: SOC 101 and PSY 101

ORG 311 3 credits

Organizational Behavior, Change, and Development

The success and survival of any organization depends on the ability to adapt to change. This course reviews the challenges inherent in overcoming people's resistance to change as a key factor and determinant of organizational effectiveness. Topics will include incremental change and quantum change. Strategic planning and change process will be discussed. Organizational development techniques will be viewed as effective tools for getting people to adapt to change. Projects will include case studies, role playing, and group discussions. Prerequisites: SOC 101 or PSY 101

ORG 402 3 credits

Applied Organizational Research

This course is the capstone for the Organizational Dynamics Fusion program and is designed to provide a foundation in the application of research methods in organizational settings. As a project-focused course, students will construct a high quality, applied research project that can be used to inform

organizational policy and/or decision making. This course is appropriate for students studying organizational dynamics or other related fields and seeking greater understanding of applied organizational research. Examples of some of the topics to be covered in this course are: the philosophical basis of science - deciphering truth from fiction; organizational research techniques and tools; construction and implementation of organizational surveys; construction and implementation of organizational focus group research practices; quantitative versus qualitative research; report writing; research-based decision making, etc. Prerequisites: PSY 101, SOC 101, SOC 331

ORG 408   **3 credits**

Culture of the Workplace

General patterns of beliefs, expectations, and values that influence workplace cultural behavior will be discussed. Organizational cultural behavior will be presented as the cognitive framework that consists of assumptions and values that are shared by the organization members. Issues of diversity and multiculturalism will be included. Prerequisites: SOC 101 and PSY 101

ORG 433   **3 credits**

Theoretical View of Organizational Systems

This course is designed to explore the prevailing theoretical perspectives that guide the behavior of humans and the organizational systems in which they participate. The practical knowledge and skills necessary to create and lead high performance organizations are examined. Prerequisites: SOC 101 and PSY 101

ORG 444   **3 credits**

Organizational Justice, Ethics, and Social Responsibility

This course reviews the multifaceted concept of justice and the variety of questions that are raised in organizational settings. Fairness is discussed in the context of organizational justice. Ethical workplace behavior and social responsibility of organizations will be reviewed. Students will develop and resolve ethical dilemmas of the workplace that affect individual and group values. Prerequisites: SOC 101 or PSY 101

PHI 101   **3 credits**

Introduction to Philosophy

This course offers students a broad survey of philosophical thought from ancient to modern times. Emphasis is placed on western writers, along with some mention of important Asian and modern philosophers.

PHI 221   **3 credits**

Meditation and Creative Thought

This course examines meditation and the processes of creative thought. Emphasis is placed on developing positive concepts of self and others. Practical exercises in perception, techniques of positive thinking, and increasing powers of awareness are stressed.

PHI 301   **3 credits**

Philosophy of Love

This course is a survey of representative thinking on several types of love. Consideration will be given to affection, friendship, eros, charity, and agape.

PHI 302   **3 credits**

Ethics and Values in Behavioral Science

This course is an introduction to ethics and values with emphasis on contemporary society and professional issues. Prerequisites: PSY 101 or SOC 101

PHI 305   **3 credits**

Symbolic Logic

This course is a study of the principles of valid inference and their application to reasoning in everyday life in the sciences. Topics considered are syllogism and other types of formal reasoning, the nature of proof, the detection of fallacies, and an introduction to the logic of scientific methods. Contemporary developments in symbolic logic are examined as well.

PHI 310   **3 credits**

Critical Thinking

This course is designed to help students develop their critical reading, writing, and thinking skills. They will learn how to think critically and apply this thinking to a wide range of topics, including politics, media, culture, and entertainment. Students will learn to respond in speaking and writing that exhibits structured critical thinking. Prerequisites: ENG 102

PHI 314   **3 credits**

Ethics for Computer Professionals

The theory and practice of ethics for computer professionals are examined. The primary goal of the course is to study the basis for ethical decision making and the methodology for reaching ethical decisions. Ethical issues related to the design, implementation, application, and protection of computer and information systems are explored. Emphasis is placed on the technical and administrative aspects of computer and Internet crimes, safeguards and security, privacy, confidentiality, and data integrity. Prerequisites: BCS 206

PHI 321   **3 credits**

Peace: An Alternative

This course introduces students to writers who advocate non-violence as a viable technique for resolving conflict among individuals and nations. It also introduces students to eight methods of conflict resolution and five commonly used, but unsuccessful, techniques for resolving conflict. Prerequisites: ENG 102

POL 300   **3 credits**

American Politics

This course is a survey of the political institutions of the federal republic of the U.S.A. and their interaction, strengths, and weaknesses. The survey includes a description of the U.S. federal

system contained in the Constitution as amended formally and through legislation, the institutions which make up the vertical and horizontal separations of powers, the role of interest groups and elections in society, and the concept of civil rights and equality as opposed to freedoms in the culture.

POL 304   3 credits
Constitutional Law and Procedures
The focus of this course is the interaction, strengths, and weaknesses of the U.S. federal government. The course includes a study of selected Supreme Court cases which have clarified the roles of government and police power. It also includes a description of the U.S. federal system contained in the Constitution as amended formally and through legislation, the institutions which make up the vertical and horizontal separations of powers, the role of interest groups and elections in the society, and the concept of civil rights and equality as opposed to freedoms in the culture.

POL 315   3 credits
Comparative Government and Politics
This is a survey that approaches different forms of government from a theoretical and structural basis. The survey includes a review of political ideologies and the resultant governmental institutions of selected nation-states from democratic, communist, and other governmental forms. The institutional aspects reviewed are the organization of nation-state governments, including the executive, legislative, and judicial branches; political parties; the role of individual leaders; and domestic policies and stability.

POL 321   3 credits
International Organization and Politics
This course surveys the international arena, with a focus on political relations among states. It includes a description of the international political environment and its historical development; the principal institutions; the American organizations that conduct foreign policy; the contemporary issues resulting in cooperation and conflict; and the nature of, and reasons for, war.

POL 326   3 credits
Public Policy and Social Issues
This course studies how American societal problems become public policy issues; how those issues become part of the public agenda; and how public problems reshape or reorganize governmental institutions, structures, programs, and budgets. It includes both the process and the principles–public and private. Prerequisites: POL 300 or LES 316

POL 340   3 credits
Criminal Justice Policy
This course provides an overview of the policies and ethics surrounding criminal justice. Topics covered include capital punishment, drugs, violent crime, decriminalization, gun control, mandatory sentencing, public assistance, inequality, and redistribution of wealth. Prerequisites: POL 326 and ENG 102

POL 350   3 credits
Economic, Welfare and Income Policy
This course provides an overview of the policies and ethics surrounding the economy, welfare, and income. Topics covered include taxation and tax reform, guns vs. butter, poverty, Social Security, public assistance, inequality, and redistribution of wealth. Prerequisites: POL 326 and ENG 102

POL 360   3 credits
Education Policy
This course provides an overview of the policies and ethics surrounding education. Topics covered include federal, state and local involvement in education, school choice, student achievement, multiculturalism, and the No Child Left Behind Act. Prerequisites: POL 326 and ENG 102

POL 370   3 credits
Energy and Environmental Policy
This course provides an overview of the policies and ethics surrounding energy and the environment. Topics covered include policies effecting the production, distribution, and consumption of traditional and alternative energy sources, natural resources, air pollution, water pollution, toxic wastes, the Clean Air Act, and the National Environmental Policy Act. Prerequisites: POL 326 and ENG 102

POL 380   3 credits
Health Care Policy
This course provides an overview of the policies and ethics surrounding health care. Topics covered include managed care, quality of health care, cost of and payment for health care, access to health care, Medicare, Medicaid, the State Children's Health Insurance Program, and health care reform. Prerequisites: POL 326 and ENG 102

POL 402   3 credits
Analysis of Public Policy
This course combines theory and application. From a theory perspective, it evaluates the processes through which policy is created and the dynamics of power and access to the policy process. Measurements of policy success and ways to improve both policy quality and the efficiencies of its implementation are evaluated and explored. From an application perspective, each student selects a hypothetical new law that is of interest. Students conduct research, using primary as well as secondary sources, to justify and design their potential laws. They also analyze potential allies and foes, and develop strategies to get their issues on the "public agenda." Prerequisites: POL 326 and junior or senior status

POL 403   3 credits
Writing for Public Policy
This capstone course examines the theories, principles and ethics of government writing. Students apply this learning to the potential laws they researched in POL 402. Specifically, each student writes press releases, memos, and speeches relating to

building public awareness and support as well as drafting an original law. Prerequisites: POL 402

POL 490 — 3 credits
Public Policy Internship

This course consists of supervised, practical work experience in a government office, nonprofit organization, or another appropriate entity. Prerequisites: Senior status

PSY 101 — 3 credits
Introduction to Psychology

This course offers an overview of the principles of human behavior. Developmental theories, psychophysiology, thinking, learning, personality theories, abnormal, and deviant psychology are introduced. Methods of assessment and research principles are discussed.

PSY 201 — 3 credits
Child Growth and Development

This course provides a comprehensive study of human development from the prenatal period through adolescence. Areas that are studied include physical, social-emotional, and intellectual development. Major developmental theorists are reviewed. The interrelationship of heredity and environmental factors that influence change are also considered. Prerequisite/Co-requisite: PSY 101 (except for K-6 and 6-8 education programs)

PSY 204 — 3 credits
Life Span Development

This course is a survey of maturational and learned behaviors as they develop through all life phases. Human behavioral development is traced from prenatal stages through infancy, childhood, adolescence, adulthood, and later life. Physical, cognitive, and social development are considered, along with the development of language and personality. Prerequisites: PSY 101

PSY 215 — 3 credits
The Family: Effect on Development

The effects of family and home environment on the development of children are examined. Current trends in the family, the impact of society on the family and the child, as well as the influence of values on family interactions are explored.

PSY 280 — 3 credits
Problem Solving

This course is an introduction to human information processing: how we think, reason, and solve problems. Students explore the way in which problems can be transformed into opportunities. Topical issues include models of thinking, simulation, and creativity. Prerequisites: PSY 101

PSY 290-291 — 1 credit
Guided Practicum in Behavioral Science and Psychology

This course is a supervised and guided 30-clock hour field experience for undergraduate students who have completed more than 15 credits but less than 60 credits in an organization or agency involved in the coordination or delivery of human services. Such organizations could be psychiatric facilities, nursing homes, or community-based agencies providing social services. Prior Learning Assessment credits are not applicable to this course. Course is graded pass/fail. Prerequisites: PSY 101 and SOC 101 and freshman or sophomore status

PSY 300 — 3 credits
Theories of Personality

The concept of personality is explored via the developmental theories of several social scientists. The impact of personality upon such processes as intelligence, anxiety, health, aggression, altruism, and moral behavior is studied. Prerequisites: PSY 101

PSY 301 — 3 credits
Social Psychology

This course is a study of the impact of social institutions on the behavior of the individual, as well as the impact of the individual on the group. Topics include attitudes, beliefs, public opinion, propaganda, leadership, prejudice, and international tension. Prerequisites: PSY 101 and SOC 101

PSY 302 — 3 credits
Organizational and Industrial Psychology

This course is the analysis of psychological issues in industry. Topics include motivational theories, supervisory and management skills, personnel selection, the use of statistics and testing, group decision-making processes, leadership skills, and the general impact of organizational structure on employee performance and productivity. Prerequisites: PSY 101

PSY 303 — 3 credits
History of Psychology

This course surveys the history of psychology through psychological research endeavors that have had remarkable and lasting effects on the various disciplines that comprise the science known as psychology. Prerequisites: PSY 101

PSY 305 — 3 credits
Abnormal Psychology

This course is a study of the causes, characteristics, and management of abnormal behavior. The course is divided into three general areas: major theoretical perspectives of abnormal behavior; major disorders following the categories of the Diagnostic and Statistical Manual of the American Psychiatric Association (DSM-IV-TR); and causes, treatment, and impact of abnormal behavior. Prerequisites: PSY 101

PSY 306   **3 credits**

Behavior Modification

This course surveys and examines the theory and technique of operant and classical conditioning in behavior modification. The main emphasis is on understanding the basic principles of behavior modification. Prerequisites: PSY 101

PSY 309   **3 credits**

Interpersonal Communication Skills

This course explores communication patterns and styles between people. Focus is on developing effective communication skills and understanding those factors which influence the implementation of these skills. Prerequisites: PSY 101

PSY 310   **3 credits**

Community Psychology

This course studies the community as a system which affects the development of the individual. It provides a study of community organizations as they impact the individual and includes a search for approaches to creating and re-creating the community through grass-roots efforts. Prerequisites: PSY 101

PSY 314   **3 credits**

Psychology of Human Potential

This course is a study of the techniques and theoretical approaches common to the human potential movement. The course examines the basics of humanistic psychology and its origins in eastern philosophy. Special attention is given to the reconciliation of rational and non-rational modes of thought in human psychology. Prerequisites: PSY 101

PSY 315   **3 credits**

Group Dynamics

This course focuses on the social and psychological implications and processes of groups, group participation, and organization. Included are class exercises which foster students' understanding of group development, styles of facilitation, and interdependency. Prerequisites: PSY 101

PSY 316   **3 credits**

Stress Management

This course provides the student with an understanding of the causes and symptoms of stress and burnout. The emphasis is on prevention strategies and the development of individual coping skills, including proper exercise, nutrition, breathing techniques, biofeedback, time management, and progressive relaxation. Prerequisites: PSY 101

PSY 319   **3 credits**

Family Systems

This course focuses on how families function as a system; aspects of assessment and treatment are also considered. Prerequisites: PSY 101

PSY 322   **3 credits**

Wellness in the Workplace

This course will cover the challenges of creating and sustaining wellness in the workplace. The course will examine health promotion models and preventative management techniques for planning, implementing, and evaluating worksite wellness programs and interventions. The underlying premise of the course is that improving the quality of health of the individual and the organization involves changing organizational systems as well as people's attitudes and behaviors. Prerequisites: PSY 101

PSY 330   **3 credits**

Infant and Toddler Development

This course is an in-depth study of the growth and development of an infant from conception to age three. The effect of nature vs. nurture on development is emphasized; recent trends in infant group care are reviewed. Basic knowledge of child growth and development is essential to succeed in the course.

PSY 331   **3 credits**

Middle Childhood Development

This course focuses on physical, cognitive, and social/emotional development in middle childhood. Attention is also given to development immediately preceding and following this phase of development.

PSY 332   **3 credits**

Adolescent Development

This course provides an overview of the significant developmental stages of adolescent growth. Consideration of this stage spans preadolescence and extends into early adulthood. Special emphasis is placed on the sequences of social and emotional development common to all adolescents. Prerequisites: PSY 101.

PSY 333   **3 credits**

Psychology of the Exceptional Child

This course provides information and strategies for individuals working with exceptional children. Emphasis is on identification, assessment, and intervention appropriate to various types of exceptionalities, as well as the impact of these exceptionalities on the social-emotional development of the child. Prerequisites: PSY 101.

PSY 334   **3 credits**

The Biological Basis of Behavior

This course focuses on the biological systems that impact human behavior. Special attention is given to the parts of the brain, hormones, and neurochemistry of behavior, as well as drugs that affect behavior. Additional topics include illness; abnormality or defects that affect behavior; applications of knowledge to understanding of common behaviors; and implications of this information for treatment, prevention, remediation, and common research methodologies. Evolutionary considerations are also an important focus of this course. Prerequisites: PSY 101 and SCI 335

PSY 351 3 credits

Learning and Cognition

This course is the study of the thinking process from sensory perception through attention, memory, learning, and the higher- order skills of problem solving. In addition to basic research in the field of neuropsychology, the course includes theories of language acquisition and information processing. Prerequisites: PSY 101

PSY 352 3 credits

Human Sexuality

This course provides a basic knowledge of both the anatomy and the physiology of the human sexual response in the male and female. Attitudes with regard to controversial issues such as homosexuality, sterilization, and abortion are also considered. Prerequisites: PSY 101

PSY 353 3 credits

Sports Psychology

This course provides knowledge about psychological factors that affect behavior in sports, such as anxiety, motivation, concentration, and confidence. Students also study the psychological effect that participation in a sport or physical activity has on a performer. Prerequisites: PSY 101

PSY 363 3 credits

Psychology of Language

This course is a study in language behavior. Normative, cognitive, emotional, and relational aspects of language behavior are examined. Emphasis is placed on aspects of language learning, production, and comprehension. Individual, social, and gender-based differences are explored, as well as surface and deep structures of language and the psychological aspects of miscommunication. Prerequisites: PSY 101, ENG 102, and ENG 111

PSY 364 3 credits

Disability Issues

This course is a comprehensive overview of the barriers faced by people with physical and mental disabilities. The focus is on sensitivity training, awareness of community resources, and recent civil rights legislation as means of surmounting stereotypical attitudes. Prerequisites: PSY 101

PSY 375 3 credits

Forensic Psychology

This course is designed to give the student a general understanding of the interface of psychology and the law and the differences between the two fields of study. In doing so, the course will examine the roles and responsibilities of forensic psychologists and will include topics such as: the selection and training of police, police interrogations and confessions, criminal profiling, criminal investigation, eyewitness accounts, trial preparation, jury selection, mental defenses and issues of competency, other types of defenses, sexual abuse issues, child custody disputes, discrimination, sexual harassment, and death penalty cases. Prerequisites: PSY 101

PSY 390-394 3 credits

Independent Study in Behavioral Science

Through independent study, the student is offered the opportunity to pursue individual special interests under supervision. This course is graded pass/fail. Prerequisites: PSY 101 and GPA of 2.5

PSY 401 3 credits

Adult Development and Aging

Biological, sociological, psychological, and medical attributes of the facts and myths regarding adulthood and aging are examined in this course. Historical and cultural perspectives are applied to understanding attitudes regarding adulthood and aging. Prerequisites: PSY 101

PSY 403 3 credits

Counseling Process: Techniques and Applications

This course is an introduction to current theory about psychological counseling. Theories covered include cognitive approaches, behavior modification, psychoanalytic approaches, existential therapy, and others. Prerequisites: PSY 101

PSY 406 3 credits

Tests and Measurements

This course is a study of the construction and evaluation of standardized tests for psychological, educational, and industrial applications. Prerequisites: SOC 331 GPA 1.67, SOC 340 GPA 1.67, and MAT 308 GPA 1.67

PSY 407 3 credits

Psychology of Learning

This course is a study of the psychological principles underlying learning and teaching. Learning theories and their application to behavioral changes are also explored. Prerequisites: PSY 101

PSY 408 3 credits

Seminar in Behavioral Science

This course is the capstone of the Behavioral Science program. Students demonstrate professional judgment and research abilities and become acquainted with the range and scope of professional career options and settings. The course provides a foundation for future professional development. Prerequisites: SOC 331 GPA 1.67, SOC 340 GPA 1.67, and MAT 308 GPA 1.67

PSY 412 3 credits

Crisis Intervention

This course uses a theoretical approach to crisis intervention in social, therapeutic, and business settings. Students develop a sound theoretical approach to crisis work, along with some pragmatic approaches to commonly encountered problems. Prerequisites: PSY 101

PSY 460-467   3 credits

Topics in Behavioral Science

This course is an intensive study of selected contemporary topics relative to psychology and sociology. Emphasis is on in-depth research in areas selected by the student. Prerequisites: PSY 101, SOC 101, and junior status

PSY 468   3 credits

Psychology of Gambling

This course focuses on the social and psychological implications of gambling, including identification of problem gambling, related disorders and/or addictions, stages of gambling disorders, and treatment for pathological gambling. Prerequisites: PSY 101

PSY 471   3 credits

Wealth and Democracy

This course examines current concepts of personal wealth in the United States. Some of the many conflicting ideas about wealth are explored, including: what it is, how we get it, how we scorn it, how we love it, how we steal it, how we fear it, and what money buys (and doesn't buy). Students will be required to do research, examine assigned materials, and write essays on a specified theme each week. Assignments will include three to four novels, three to four videos, and some newspaper/magazine articles.

PSY 473   3 credits

Topic in Behavioral Science: Introduction to Expressive Arts Therapies

This course is an introduction to the therapeutic use of the expressive arts (drama, dance/movement, art, music, poetry, and play/humor) in counseling process. A focus is given to exploring the history and rationale behind the development of expressive art therapies as well as an opportunity to engage in experiential exercises which will foster a greater understanding of creative process and its impact on the potential for human growth. Prerequisites: PSY 101

PSY 490-494   3 credits

Internship in Behavioral Science (Psychology Majors)

This course consists of supervised field placement in an agency related to human services such as a psychiatric facility, a nursing home, or a community-based agency providing social services. It is graded satisfactory/unsatisfactory. Note: see Academic Advisor prior to registering for this course. Prerequisites: PSY 101, junior status, and overall GPA of 2.5 or higher

RDG 300   3 credits

Language Development and Early Literacy

Students examine language and its relationship to developing literacy. Students develop an awareness of social and cultural language differences, language acquisition of young children, assessment and intervention of language and communication, facilitation of literacy, and the relationship of oral language to the development of writing and reading. Five (5) hours of

clinical observation and study of young children's language and literacy is required. Prerequisites: PSY 201

RDG 301   3 credits

Teaching of Reading/Writing

This course presents the fundamental concepts and principles of reading instruction, with an emphasis on the critical analysis of varied materials and techniques. The reading and writing connection is emphasized. Readiness, beginning reading instruction, vocabulary development, word attack skills, comprehension, organizations of reading instruction, and other aspects of the reading program are included, with the major focus on the process approach to writing. Prerequisites: RDG 300

RDG 302   3 credits

Literature for Children

This course is a study of literature for children and adolescents, designed for teachers and others who work with students. Knowledge of literature and how to incorporate literature effectively into an integrated curriculum is the major focus. Education students will read and study a minimum of 45 books for children, from toddlers to adolescents. The majority of books studied by education students are appropriate for the age/grade level they plan to teach, i.e., the level of certification sought. Prerequisites: RDG 300

RDG 305   3 credits

Reading in the Content Areas

Students examine theories about the reading process and reading to learn. Emphasis is placed on practical strategies for acquiring knowledge through reading in a variety of subject areas at the middle level.

RDG 306   3 credits

Diagnosis/Correction of Reading Difficulties

The focus is on the nature of reading problems and examination of methods, techniques, and materials used in diagnosing and correcting reading-related difficulties. Attention is focused on the learner and interpretation of physiological, psychological, sociological, emotional, and educational factors which influence reading achievement. Provisions are made for identification, analysis, and interpretation of informal and formal measures of reading performance and for the development of instructional strategies employed in the remediation process. Prerequisites: RDG 301

RDG 401   3 credits

Methods of Teaching Language/Literacy

Students learn lesson and unit planning as required by teacher evaluation systems. Content, methods, materials, and demonstration of the integrated language areas of listening, speaking, reading, and writing are addressed. A major focus of this course is the pre-reading and pre-writing abilities of young children. The development of vocabulary, spelling, and handwriting will be included. All language/literacy areas will be related to the developmental stages, needs, interests, and

background of the child. A virtual clinical experience from schools using "best practices" is required. Prerequisites: RDG 300 and passing score on all sections of PRAXIS I, and for students entering Fall 2007 and afterward, PRAXIS II

SCI 105   4 credits
Physical Science (with Lab)

The relationship between matter and energy and the principles governing this relationship are examined in this course. It sets forth the basic concepts of physics and chemistry, including the physics and chemistry of materials (their properties, the process by which they are changed, and how they are used), and energy (what it is, why it is important, and how it is used).

SCI 110   3 credits
Conceptual Physics (with Lab)

This course provides an understanding of how the physical environment changes around us. It gives an understanding of the relationship between matter and energy, including the following concepts: force, motion, conservation laws, energy, heat, wave motion (including sound and light), electricity and magnetism, the atom, and semiconductor materials. Prerequisites: MAT 101 or MAT 205 or MAT 304

SCI 232   4 credits
Life and Environmental Science (with Lab)

This course is an overview of how living things reproduce, develop, and transmit traits. Theories of evolution are discussed to account for the abundance of life forms. A review of how this knowledge is applied to agriculture and human health is given. A study of how all organisms are interconnected through structured ecosystems shows how humans apply scientific knowledge to better use natural resources.

SCI 302   3 credits
Secret of Life: A Study of Human Biology

This course involves the study of life on earth. Elements include human development, human interaction with the natural world, changes in disease patterns, and current medical research. A theme of DNA connects the course topics and provides opportunities for a look at genetic research and some ethical questions currently facing researchers.

SCI 303   3 credits
Meteorology

This course is a study of the earth and its atmospheric phenomena that result in weather. Weather theories, forecasting, dissemination, and applications of weather principles are studied. Developments resulting from pollution of the atmosphere are examined.

SCI 304   3 credits
Astronomy

Students in this course will gain an understanding of the sun and other stars, planets, comets, asteroids, and galaxies in the universe. Emphasis is placed on discovering how happenings

in the universe affect everyday life. Stargazing field trips will take place when skies are clear.

SCI 305   4 credits
Earth and Space Science (with Lab)

This course covers earth's place in the universe and how our chemistry and physics parallel what we have discovered about other planets and suns. An overview is given of how matter and energy are used by living entities to conduct their life processes

SCI 308   3 credits
Statistics for the Sciences

This course introduces the student to the scientific method of collecting, organizing, and interpreting quantitative data in the sciences. Students are introduced to ways of making wise choices in the face of uncertainty and ways to recognize developing situations that may require corrective action. Topics include mathematical and measurement concepts, frequency distributions, measures of central tendency and variability, probability distributions, random sampling, and hypothesis testing using "sign", "z", and "t" tests, analysis of variance, and chi-square tests. Prerequisites: MAT 200.

SCI 310   3 credits
Environmental Science

This course identifies the causes of environmental degradation and examines current efforts toward correcting a variety of complex environmental situations. Emphasis is placed on the role of humans using science and technology to find solutions to the problems facing earth.

SCI 311   4 credits
Botany (with Lab)

This course involves the study of organisms in the plant kingdom. The course is designed to introduce students to the diversity, ecology, anatomy, morphology, genetics, and physiology of plants. Through lectures and lab exercises, students will gain information about plant biology and lab techniques used to study plants.

SCI 312   4 credits
Physics (with Lab)

This is an algebra-based physics course providing an understanding of the major concepts in physics. Topics covered include Newtonian motion, work and energy, thermodynamics, wave properties, sound, optics, electricity and magnetism, the atom and nuclear processes, and relativity. Prerequisites: MAT 101 or MAT 205 or MAT 304

SCI 315   4 credits
Applied Chemistry (with Lab)

This course explores the chemistry needed to understand the impact of chemical, human, and industrial processes on our lives and our environment. The basics of inorganic, organic, and biochemistry are covered, including the chemistry of life (DNA).

SCI 321 3 credits

Technology in the Sciences

This course provides an overview of technology in the sciences. A review of major technological advances and their relationship to man's understanding of the universe will be included. The impact of current technology on individuals, society, and the environment, including moral and ethical concerns, will also be discussed. Prerequisites: junior status or higher.

SCI 331 3 credits

Microbiology

This course explores the unseen life on earth. The world and the diversity of microorganisms, including the basics of cell biology and genetics, are examined. Students will gain a deeper understanding of how microbes shape the environment and their essential role in human life. Controlling microbes under special situations (e.g. food safety, hospitals), how the human body defends against microbial invaders, disease outbreaks, and current efforts to track and control infectious diseases are discussed.

SCI 335 4 credits

Human Anatomy and Physiology (with Lab)

Students in this course explore the structure and function of the human body. Basic terminology to describe the structure of the body while explaining the basic concepts of body function are presented. The student is introduced to the principles of operation of the major organ systems in healthy humans.

SDL 300 3 credits

Life Planning

This course introduces concepts of goal-setting and planning for present and lifelong learning. Students develop and implement a learning contract which is supported through a mentoring process.

SEC 210 3 credits

Principles and Practice of Information Security

This course provides the latest security tips and techniques on Internet and computer security best practices. Topics include: important privacy legislation, case studies of infamous hackers, how to develop an effective security system, selection of IT security products, firewall benefits and limitations, intruder detection, correct ways to configure your computer, browser settings, virus settings, operating system vulnerabilities, strong password techniques, parasite detection, and encryption techniques. Note: This course replaces IRM 110.

SEC 220 3 credits

Introduction to Computer Forensics

This hands-on introductory course provides students with the knowledge and skills necessary to begin a computer-based investigation. The course begins with an overview of computer forensics and then proceeds to introduce forensics tools, concepts, and documentation of evidence/procedures. The course uses common and accepted Incident Response Policies and Procedures for previewing and securing digital evidence.

Topics include: (1) Learn "What exactly are computer forensics and computer evidence?" (2) Learn basic forensic methodology: a) how to acquire the evidence without altering or damaging the original, b) how to authenticate the recovered evidence, and c) how to analyze the data without modifying it.

SEC 230 3 credits

Introduction to Linux

Designed for the serious computer user, this course will introduce the student to the basic concepts of the Linux operating system. Completion of the course will provide a good basic working knowledge of: essential Linux commands, login and logout sequences; Linux e-mail; fundamentals of the vi editor; piping and redirection; security and process control; Directory and File Systems and essential utilities; Linux shell programming; X Windows; Linux installation; and basic system administration. Prerequisites: BCS 206 or equivalent

SEC 300 3 credits

Information Technology Hardware and Software

This course provides the hardware/software technology background to enable systems development personnel to understand trade-offs in computer architecture for effective use in a business environment. System architecture for single user, central, and networked computing systems is examined, as are single and multi-user operating systems. An advanced library orientation has been incorporated as part of this course. Prerequisites: BCS 206

SEC 310 3 credits

Cryptography: Algorithms and Applications

Algorithms and theory and how they are used in everyday web and computer applications are studied. The theory behind the algorithms is included, as well as application of those theories. Some of the topics explored include the following: Cryptography (encompassing private and public key cryptography; digital signatures; and encryption methods such as Rijdael, RSA, and Kerberos), Data Compression (MPEG/JPEG), Indexing/Traversing methodologies Prerequisites: SEC 210

SEC 320 3 credits

Networks and Telecommunications

This course provides an in-depth knowledge of data communications and networking requirements, including networking and telecommunications technologies, hardware, and software. Emphasis is upon the analysis and design of networking applications in organizations. Management of telecommunications networks, cost-benefit analysis, and evaluation of connectivity options are also covered. Students learn to evaluate, select, and implement different communication options within an organization. Prerequisites: BCS 206

SEC 330 3 credits

Operating System and Computer Systems Security

This course expands upon the material studied in SEC 210. The following topics are covered: Security Principles (Windows 2000 Security Architecture, Linux Security), Account

Security (Securing Accounts, Passwords, Password Aging, and Verification of System State), File System Security (Windows 2000, XP File Security, NAS Storage Security), Accessing Risk (Key loggers, Sniffers, Port Scanning), Risk Analysis (Viruses, Patches, Packaging Techniques), and Encryption (applying topics from SEC 310 to Web Sites and applications). The student's basic network and operating system skills will be expanded to include planning, implementation, and auditing of a system's security package. Prerequisites: SEC 320 or IRM 320

SEC 335   **3 credits**
Linux for Systems Administrators

This course covers key network services managed by the Linux Administrator. Focus is on Web servers, e-mail (POP and SMTP protocols), and security. The course will present the following Internet services: DNS, FTP, HTTP (Apache Web Server), telnet, and SSH. Intranet topics included are: NFS (Network File System), NIS (Network Information Services) and interoperability with the Windows system using Samba. At the conclusion of the course students will explore topics in networking: network configuration, security and interoperability. Prerequisites: SEC 230 or permission of the program coordinator

SEC 340   **3 credits**
Windows Operating Systems and Systems Administration

This course uses practices and procedures for installing and configuring modern Windows operating systems, including user accounts; file, print, and terminal servers; mobile computing; and disaster recovery. User account management, security, disk configuration, and backup procedures are addressed, with particular attention to coverage of TCP/IP and TCP/IP applications. Students will learn system installation, configuration and administration issues as well as network file systems, network access and compatibility with other operating systems. Through practical lab sessions, students receive real-world experience administering Windows operating systems. Prerequisites: BCS 206 or equivalent

SEC 380   **3 credits**
Cloud Computing

This course will help students get a firm, practical grasp of cloud computing, its concepts and implementations. Students will explore the rationale for this fast-growing segment of the IT industry and how virtualization is affecting the traditional client/server architecture. Students get to examine different vendor-specific versions of virtual computing in data-centers, servers, storage and desktops. The course will provide practical exposure to cloud computing through detailed hands-on labs that illustrate the power and functions of virtual environments in VMWare server and workstation, Citrix virtualization, Microsoft Virtual PC, Sun VirtualBox and open source offerings. Prerequisites: IRM 230, IRM 320

SEC 410   **3 credits**
Web and Data Security

This course will help students build a security policy and SOP for an organization which is implementing a new network and web infrastructure. Topics include the following: Security Education and Advisory, Risk Management, Threats to IT Assets, Encryption (an expansion of SEC 310), Standards and Compliance, and Security Testing and Implementation. Prerequisites: SEC 330

SEC 420   **3 credits**
Data Integrity and Disaster Recovery

This course will expand upon SEC 330 and will leave a student with a complete understanding of the steps necessary to protect an organization from an attack or disaster. Topics include the following: Data Backup and archiving, Retrieval methods, Log Analysis, Error Checking and Integrity Analysis. Also covered in this course is Disaster Recovery. Students will be asked to develop a Disaster Recovery Plan keeping in mind the Risk assessment, location, network, computer, financial and power constraints necessary to develop an efficient DRP for an organization. Prerequisites: SEC 330

SEC 430   **3 credits**
Security Issues Concerning RFID Technology Applications

Radio Frequency Identification is an automatic identification methodology relying on the storage and remote retrieval of subject-specific data using devices called RFID "tags" or "transponders". The use of RFID technology is proliferating and emerging as a ubiquitous and sensitive informational asset within today's global enterprise. This course will help students better understand the role that RFID plays In various applications to include: product distribution, tracking, education, and government. Security of applicable resources as well as the technology employed and ethical issues will be discussed in detail. As a result, students will be better prepared to identify when and where to employ RFID technology as a business solution.

SEC 435   **3 credits**
Advanced Network Management

This course builds on Introduction to Network Management to develop an understanding of advanced networking management and Management Information Systems, MIS. Students will design and maintain their own corporate network configuration. Topics will be covered in a theoretical and practical way. There is a large component of hands-on computer work. Students will practice network theory, hardware selection and upgrading, operating systems, platforms, programming languages, batch control, shared resources, security systems, anti-virus procedures, and specific manufacturers' methodology. Prerequisites: SEC 320

SEC 450   3 credits

Protecting Your Network: Firewall and Perimeter Security

This is the ultimate security course on protecting company assets through network security. Topics include Firewall, Perimeter Security, Intrusion Detection Systems (IDS), Edge Devices, and Assessment. Students will learn how to develop a set of firewall rules that will keep hackers out, how to look at all possible ways in which unauthorized users might gain access to network assets, and how an IDS can provide an analysis showing who has access to the system. Students will develop a security plan and monitor ongoing activities to determine effectiveness of a security model. Prerequisites: SEC 320 or IRM 320

SEC 460   3 credits

Topics in Computer and Network Security

This course surveys contemporary subjects and current events pertaining to Computer and Network Security. Prerequisites: Permission of the Program Coordinator

SEC 490-494   6 credits

Computer and Newtork Security Internship

Students in the final year of the program who have completed the program's core requirements will be offered the option, as an elective, to receive academic credit of up to six credit hours for a supervised field experience. Prerequisites: Permission of the Program Coordinator

SOC 101   3 credits

Introduction to Sociology

This course introduces students to the fundamental concepts and methods of the scientific study of group behavior in terms of social interactions and processes. An introduction to social psychology, socialization, personal development, culture, and personality is also offered.

SOC 201   3 credits

Cultural Anthropology

This course studies the cultural origins, development, and diversity of human beings. The dynamics of the cultural process, similarities and differences within cultures, and the implications and limitations of present research are examined. Prerequisites: SOC 101

SOC 205   3 credits

Principles of Criminology

This is an introductory course in the study of crime and criminal behavior that examines various theories of crime causation, profiles of criminal behavior systems, societal reaction to crime, and structures of criminological methods of inquiry. Prerequisites: PSY 101, SOC 101, and CRJ 101

SOC 302   3 credits

Marriage and the Family

This course introduces the subjects of marriage and the family from a sociological perspective. It includes an examination and comparison of patterns of behavior surrounding these institutions historically and cross-culturally, with an emphasis on contemporary U.S. society. Students are encouraged to analyze the causes and probable consequences of current trends and social problems surrounding the family. Topics explored are family violence, mate selection, romantic love, gender roles, sex, divorce, and the changing composition of the family. Prerequisites: PSY 101 or SOC 101

SOC 303   3 credits

Contemporary Social Problems

This course addresses social problems, the way people perceive social conditions, and models for analyzing social problems. Among the areas explored are mental illness; crime and delinquency; poverty; environmental issues; racial and economic tensions; and the special problems of families, gender, and aging. Prerequisites: SOC 101

SOC 304   3 credits

Ethnic Groups and Minorities

This course is a study of the cultural diversity and history of ethnic divisions and conflicts in the United States. It provides a framework for the study of inter-group relations, prejudice and discrimination, racial differences, and possible problem solving techniques. Prerequisites: PSY 101 or SOC 101

SOC 305   3 credits

Selected Contemporary Cultures

This course is a survey of a selected contemporary group such as Native Americans, the Vietnamese, etc. Emphasis is on the selected group's natural and present social environment, religion, and current world views. Prerequisites: SOC 101

SOC 307   3 credits

Women in Contemporary Society

This course explores contemporary women from sociological, psychological, and cross-cultural perspectives. The course surveys literature, history, and philosophy pertaining to women in society. Prerequisites: PSY 101 or SOC 101

SOC 309   3 credits

Poverty and Welfare

This course examines poverty and current welfare assistance programs in the U.S. against a background of conflicting values, attitudes, and experience accumulated over hundreds of years. It includes discussion of how today's economic factors affect the incidence of poverty. Current federally supported programs, the political and social context that produced them, and policy choices for the future are also studied. Prerequisites: PSY 101 or SOC 101

SOC 310   3 credits

Men in Contemporary Society

This course explores contemporary man from sociological, psychological, and cross-cultural perspectives. This course surveys literature, history, and philosophy pertaining to men in society. Prerequisites: PSY 101 or SOC 101

SOC 312   3 credits

Community Health & Social Issues

This course is designed to provide students with an overview of community health and the social issues that influence the overall health of the community. Students will learn the principles of community health, review human behaviors associated with community health, assess environmental influences that contribute to the overall health of a community, and become familiar with the roles of community agencies related to community health. Prerequisites: SOC 101

SOC 318   3 credits

Social Change

This course begins by describing recent social changes in America, and more broadly, the world. It analyzes these changes in terms of type and degree, and offers theories of how change is created, concluding with speculation about the future. Prerequisites: SOC 101 or PSY 101

SOC 320   3 credits

Society and Technology

This course examines the critical role of technology's effects on society and the effects of culture on the role of technology in that society. Prerequisites: SOC 101

SOC 324   3 credits

Health, Society and Culture

This course explores approaches to health and healing, with emphasis on related cultural factors and beliefs. Systems such as homeopathy, Chinese medicine, and other alternative or complementary medical approaches are considered. Prerequisites: PSY 101 or SOC 101

SOC 325   3 credits

Myth, Ritual, Psychotherapy

This course is devoted to the exploration of the relationship between human culture and consciousness. It will explore the sacred symbols emerging from the human psyche and revealed in myth and ritual. Areas of study include psychology and the symbolism of rebirth; the therapeutic potential of myth and ritual; the relationship of myth to personality structure, world views, and values. Prerequisites: SOC 101

SOC 330   3 credits

Sociology of Sex and Gender

This course will explore the historical foundations and the contemporary patterns producing the sex/gender system. Areas of discussion will include traditional and transitional female/male roles in all Institutions of society, including the family, workplace, religion, education and government. Prerequisite: PSY 101 or SOC 101

SOC 331   3 credits

Research, Writing and Information Literacy in the Behavioral Sciences

This course addresses the information literacy, research methods, and academic journals used in the Behavioral Sciences, and the writing requirements demanded of Behavioral Sciences professionals. Students will be introduced to various research methods used in the Behavioral Science field and instructed in the writing requirements of Behavioral Science programs, and the field in general. In addition, students will be oriented to information literacy of Behavioral Science-related materials on the Internet. Prerequisites: (PSY 101 OR SOC 101) GPA 1.67 AND (ENG 101 AND ENG 102) GPA 1.67

SOC 333   3 credits

Organizational and Corporate Crime

This course provides an in-depth examination of organizational and/or corporate crime. Various topics are explored and contemporary cases representative of each topic are comprehensively studied. The class discusses the theoretical development of these concepts, as well as the laws and investigative techniques that have been developed to specifically address this type of criminal activity. Prerequisites: SOC 101, CRJ 101, PSY 101

SOC 340   3 credits

Applied Research Design

This course is an introduction to research design in the social sciences. Emphasis is on students as consumers of research. Critical reading of research and application of research findings in practice are included. Prerequisites: PSY 101 or SOC 101, ENG 101, ENG 102, SOC 331 GPA 1.67 and MAT 308 GPA 1.67.

SOC 401   3 credits

Cultural Perspectives in Dream Exploration

This course examines dream symbolism from the psychological and sociological perspective. Also investigated is the function of dreams in our lives and in interpreting social identity and social roles. Prerequisites: SOC 101

SOC 402   3 credits

The Role of Women in Leadership

Current issues and trends pertaining to women and leadership will be examined from historical, sociological, psychological, political, economic, and ethical perspectives. A variety of resources will be used to analyze and synthesize issues facing women who hold or seek leadership roles. Strategies for developing leadership skills will be integrated throughout the course. Prerequisites: PSY 101 or SOC 101

SOC 405   3 credits

Social Deviance

The course follows the development of the sociology of deviance from 19th century functionalism to contemporary perspectives of class and politics. A varied theoretical background with

emphasis on real-world approaches to social deviance is examined. Prerequisites: SOC 101

SOC 411   3 credits
Special Topics: Sociology of Religion
Throughout history societies have incorporated religion as a means of establishing norms and values of societal life and provided a system of order. This course will explore the role and functions of religion and religious experiences as part of larger society. Students will explore the basics concepts of sociology of religion, discuss the role of religion in modern societies, and analyze the "social-ness" of the practice of religion itself. Prerequisites: SOC 101

SOC 460   3 credits
Topic in Behavioral Science: Sociology of Globalization
The Sociology of Globalization combines macro and micro-sociological views in examining the impact of globalization with a focus on understanding what globalization is, how it impacts individuals and societies, and the development of world culture. This course will analyze globalization using the perspectives of nations, organizations, and societies, and will include three globalization theories: world-system theory, world polity theory, and world culture theory. Prerequisites: SOC 101 or PSY 101

SOC 461   3 credits
Women and Leadership
The purpose of this course is to analyze the roles and responsibilities of women in leadership positions. Current issues and trends will be examined from historical, sociological, psychological, political, economical, and ethical perspectives. Analysis and synthesis will be used to apply information from a variety of resources to issues facing women who hold or seek leadership roles. Strategies for developing leadership skills will be integrated throughout the course. Prerequisite: PSY 101 or SOC 101

SOC 463   3 credits
Special Topics: Social Values & Intercultural Communication
This course explores the relationship between culture and communication. The purpose of this course is to develop an understanding of how cultural context shapes communication, specifically, how the cultural context influences and affects communication across different cultures. Students will learn to identify ethnocentrism and shared assumptions of their own culture and understand how these affect their ability to present our own ideas to those of another culture. Prerequisites: PSY 101 or SOC 101 and College Level Junior

SOC 465   3 credits
Special Topics: Child Abuse Recognition and Investigation
Recognizing the varying forms of child abuse and understanding the typical profiles of child abusers, this course provides an introduction to identifying typical profiles of child abuse, the reporting requirements, and investigation processes. Prerequisites: PSY 101 or SOC 101

SOC 466   3 credits
Responding and Investigation: Child Maltreatment
This course is the second course into child advocacy. The focus of the course is on the responses of professionals to allegations of child maltreatment. The purpose of this course is to expand the student's knowledge and skills in identifying, investigating and prosecuting child maltreatment. Students majoring in criminal justice, education, behavioral science, nursing, and other areas where knowledge of child maltreatment investigation and advocacy are necessary will receive competency based skills training such as forensic interviewing, documentation, etc. Prerequisites: PSY 101 or SOC 101

SOC 490-494   3 credits
Internship in Behavioral Science (Behavioral Science majors)
This course consists of supervised field placement in an agency related to human services such as a psychiatric facility, a nursing home, or a community-based agency providing social services. It is graded satisfactory/ unsatisfactory. Note: see Academic Advisor prior to registering for this course. Prerequisites: Behavioral Science or Psychology major, PSY 101, PSY 204, PSY 300, junior status, and overall GPA 2.5 or higher

SPA 101   3 credits
Spanish I
This course is an introduction to the Spanish language with emphasis on developing listening and speaking skills commonly used in conversation.

SPA 102   3 credits
Spanish II
This course emphasizes increasing vocabulary and the use of the past tenses (preterite and imperfect) and includes an introduction to Hispanic culture. Prerequisites: SPA 101

SPA 105   3 credits
Spanish for Health Care Personnel
This course, which focuses on health care professionals, provides essential points of grammar and vocabulary for students whose profession requires a working knowledge of Spanish. The course is designed to help students better communicate with Spanish-speaking people with whom they interact in their work in the health care profession.

SPA 106   3 credits
Spanish for Business and Finance
This course, which focuses on the business and finance professions, provides essential points of grammar and vocabulary for students whose profession requires a working knowledge of Spanish. The course is designed to help students better communicate with Spanish-speaking people with whom they interact in their work as business and finance professionals.

SPA 108   3 credits

Spanish for Law Enforcement

This course, which focuses on the law enforcement profession, provides essential points of grammar and vocabulary for students whose profession requires a working knowledge of Spanish. The course is designed to help students better communicate with Spanish-speaking people with whom they interact in their work as law enforcement professionals.

SPA 301   3 credits

Practical Spanish I

This course is an introduction to the Spanish language with emphasis on developing listening and speaking skills commonly used in conversation.

SPA 302   3 credits

Practical Spanish II

This course emphasizes increasing vocabulary and the use of the past tenses and includes an introduction to Hispanic culture. Prerequisites: SPA 301 or permission from faculty

SPA 305   3 credits

Spanish for Health Care Personnel

This course, which focuses on health care professionals, is a follow-up to SPA 302. It provides essential points of grammar and vocabulary for students whose profession requires a working knowledge of Spanish. The course is designed to help students better communicate with Spanish-speaking people with whom they interact in their work in the health care profession. Prerequisites: SPA 302 or permission from faculty

SPA 306   3 credits

Spanish for Business and Finance

This course, which focuses on the business and finance professions, is a follow-up to SPA 302. It provides essential points of grammar and vocabulary for students whose profession requires a working knowledge of Spanish. The course is designed to help students better communicate with Spanish-speaking people with whom they interact in their work as business and finance professionals. Prerequisites: SPA 302 or permission from faculty

SPA 307   3 credits

Spanish for Social Services

This course, which focuses on social service professionals, is a follow-up to SPA 302. It provides essential points of grammar and vocabulary for students whose profession requires a working knowledge of Spanish. The course is designed to help students better communicate with Spanish-speaking people with whom they interact in their work in the social service profession. Prerequisites: SPA 302 or permission from faculty

SPA 308   3 credits

Spanish for Law Enforcement

This course, which focuses on the law enforcement profession, is a follow-up to SPA 302. It provides essential points of grammar and vocabulary for students whose profession requires a working knowledge of Spanish. The course is designed to help students better communicate with Spanish-speaking people with whom they interact in their work as law enforcement professionals. Prerequisites: SPA 302 or permission from faculty

SPA 309   3 credits

Spanish for Educators

This course, which focuses on the teaching profession, is a follow-up to SPA 302. It provides essential points of grammar and vocabulary for students whose profession requires a working knowledge of Spanish. The course is designed to help students better communicate with Spanish-speaking people with whom they interact in their work as educators. Prerequisites: SPA 302 or permission from faculty

SPA 340   3 credits

Hispanic Culture

This course provides the background of several nations in Hispanic America, summarizing the chief historical trends and influences that have contributed to each nation's present-day culture, character, problems, and behavior. This unique perspective will help the student become more attuned to the needs of the Hispanic people. The course will be taught in Spanish. Prerequisites: SPA 301 and 302 or permission from faculty

SPM 200   3 credits

Science of Coaching

This course focuses on the principles and philosophies of coaching across all area of sports. Specifically, the course introduces the roles of coaches to potential coaches, athletes, and parents. The course also focuses on enhancing the coaching skills of present coaches.

SPM 210   3 credits

Sports in America

This course is a study of the evolution of sports in America and the impact of sports on society. This course will consider the major influences on sports including economics, politics, and society. The course will consider major contributors to American sports including athletes, managers, and strategists. This course will have discussions on the influences of foreign markets and foreign athletes in American sports.

SPM 301   3 credits

Legal and Ethical Issues in Sports

This course is designed for students interested in the growing problems of sports litigation. Amateur and professional aspects of sports are covered from four major perspectives: (1) judicial review of athletic associations; (2) eligibility rules and disciplinary measures; (3) equal opportunity provisions; and (4) tort liabilities. Specific topics include due process, anti-trust

and free speech, Title IX, duty of ordinary care and of care owed athletes and spectators, injuries, assumption of risk, and contributory negligence. The course stresses the application of principles of law and ethics to the sports setting. Actual court cases relating to these principles are examined.

SPM 302   **3 credits**
Sociology of Sport

This course examines the social/cultural history of sports and its influence on our social institutions, such as politics, the economy, and government. Also highlighted will be issues such as race, gender, deviance and social problems, and youth socialization in relationship with sports.

SPM 304   **3 credits**
Current Issues in Sports Management

This course studies current issues, problems, and trends in sports management.

SPM 305   **3 credits**
Sports Management I

This introduction to the sports industry covers theories of recreation and leisure, planning, policy-making, program evaluation, budgeting, and public relations. Prerequisites: BBM 201

SPM 306   **3 credits**
Sport Media Relations

This course focuses on the application of media relations and communications in a sport organization. Students learn how to utilize the various broadcast, print, and electronic media and how they are vital to the success of the sport organization. Students will develop media brochures, media guides and publications, and news releases for an existing or special sport event organized by the class. Prerequisites: SPM 305

SPM 405   **3 credits**
Sports Management II

This course gives students a comprehensive view of the procedures and operation of professional sports, collegiate athletics, and recreational organizations and enterprises. The course examines skills and processes such as budgeting, marketing, event staging, and fund-raising that are necessary for the successful administration of these organizations. The interrelationship between these skills and administrative goals and objectives is studied. Prerequisites: SPM 305

SPM 406   **3 credits**
Sport Facilities Management and Planning

This course focuses on the principles and practices of operating athletic centers and recreational facilities. Emphasis is on the management of such facilities, in addition to transportation, security, time management, and other related issues. Prerequisites: SPM 405

SPM 408   **3 credits**
Financing Sport Operations

This class discusses the financial concepts and theories and their application in the professional, intercollegiate, and commercial sport industries. Specific topics include: revenues and expenses of professional, intercollegiate, and private sport industries; budgeting; the economic impact of the sports industry; and fund-raising. Prerequisites: SPM 405 and FIN 305

SPM 490   **3 credits**
Sports Management Internship I

The internship provides students with administrative experience in their chosen concentration. Students gain practical experience, enhance skills learned in the classroom, and acquire contacts with professionals in the sports management field. A minimum of 120 hours is required for Sports Management internships. This course is graded pass/fail. Prerequisites: SPM 305

SPM 491   **3 credits**
Sports Management Internship II

The internship provides students with administrative experience in their chosen concentration. Students gain practical experience, enhance skills learned in the classroom, and acquire contacts with professionals in the sports management field. A minimum of 120 hours is required for Sports Management internships. This course is graded pass/fail. Prerequisites: SPM 490

SSD 101   **3 credits**
Introduction to Programming with Java

This course introduces the student to computer programming through the Java programming language. The purpose of the course is to help students understand programming as both an art form and a science. Prerequisites: BCS 206 or equivalent

TEC 101   **3 credits**
Introduction to Audio

This course introduces the principles of sound recording and sound design using analog and digital technologies. The course's aim is to provide the students with the skills necessary to set up and use current equipment and manipulate sound in order to maximize communication. Particular emphasis is placed on using and understanding the concepts of digital sound systems. Also examined are the use of sound design as a communicative medium and the relationship of sound to visuals to create in the student an "auditory awareness." Sound characteristics, acoustics, ergonomics, and basic audio technology professional practices will be introduced.

TEC 102   **3 credits**
Introduction to Video

This course is designed to teach the importance of a team approach to media production, including single camera portable and the TV studio. Instruction is given on basic techniques, including script writing, pre-production planning, camera control, recording, lighting, and continuity. Basic editing will also be covered.

TEC 215 3 credits

Basic Photographic Techniques

This course introduces students to the technical aspects of photography. The content will include camera and lens types, film types and light meters, exposure control, and depth of field. Also explored is the development of basic 2D design, shape, texture, and basic image manipulation.

TEC 235 3 credits

Black and White Photography

Students in this course will learn the fundamentals of black and white photography, including processing film and exposing proof sheets and prints.

TEC 300 3 credits

Advanced Photography I

This course will cover the more technical aspects of photography, including how to cover special events. Prerequisites: TEC 215 or approval of program coordinator.

TEC 305 3 credits

TV Studio and Location Lighting

Through demonstration and practice, the students will learn manual and programmed lighting techniques for various types of TV and location productions. Prerequisites: TEC 102

TEC 315 3 credits

Nature Photography

This course will explore nature through the eye of the digital camera. We will look up close with the use of macro equipment to see and photograph the small world that often goes unseen, and reach out with the telephoto to those parts of nature that lie just out of reach. There will be an emphasis on equipment, both hardware and software, and its application to the various areas of nature photography. Photo equipment will be provided, but students are invited to use their own equipment if desired. There will be substantial field work and projects associated with such areas as macro, landscape, and wildlife photography. Prerequisites: TEC 215

TEC 325 3 credits

Business of Photography

This course will teach students the finer points of event photography, from considering aesthetic details such as angle and lighting to working with clients and pricing. In this hands-on photography course, students will learn to shoot ceremonies as well as sporting events. Prerequisites: TEC 215

TEC 366 3 credits

Photojournalism I

This course is centered on visual storytelling as applied in print media. Students will learn to combine journalism and photography in order to best tell a story using images. They will photograph typical assignments such as general news, sports, and feature photography. Prerequisites: TEC 215

TEC 376 3 credits

Photojournalism II

Students will further study the art of visual storytelling with an emphasis on the photographic essay. Through a series of images, students will comprehensively document a topic in a creative fashion. Prerequisites: TEC 366

TEC 405 3 credits

Photographic Studio Lighting

This course is designed to explore the use of photography in the design process. Through demonstration and practice in the studio, the students will study and produce still life and portrait photographs using tungsten and powerflash equipment. Prerequisites: TEC 215

TEC 406 3 credits

Photographic Location Lighting

This is a comprehensive course covering practical techniques for better use of light. Students will learn how to obtain predictable visual results as well as dramatic lighting by analyzing existing light conditions and using multiple light sources. The various aspects and techniques of photographic location work, including considerations for natural and created lighting, and camera flash use. Hands-on opportunities to practice the techniques covered in the class will be provided. Prerequisites: TEC 215 and TEC 405. Some equipment purchases may be required for full participation in the class assignments.

TEC 460 3 credits

Topics in Photography

Students will have the ability to specialize in this class to suit their needs. Among the genres that can be pursued are commercial/advertising photography, sports, nature/wildlife, wedding photography, studio work, and artistic work. This class is designed to allow the student to explore techniques, styles, and formats. Prerequisites: Permission of the Program coordinator

TEC 470 3 credits

Advanced Photography II: The Portfolio

This course will prepare a student who plans to enter the profession of photography. Emphasis will rest on creating a portfolio, whether in digital, slide, or print format. Students will also learn business aspects, promotion, legal issues, interview skills, and résumé preparation. Prerequisites: TEC 300

WIS 100 3 credits

Basic to Intermediate Web design

This course will introduce the student to the Hypertext Markup Language (HTML), the language of the web. Students will produce and publish basic web sites using HTML, cascading style sheets (CSS), forms, and tables. The emphasis will be on creating web pages manually in a simple text editor to help prepare students for subsequent programming courses. XML Prerequisites: BCS 206 or BCS 210

WIS 200 3 credits

Internet Foundations

This course covers the fundamentals of network and hardware architecture for the Internet. Topics will include network protocols for the web, such as HTTP, DNS, and DHCP, as well as client-server and peer-to-peer architectures. Various hardware, including routers, gateways, network topology, and network media will also be covered. Prerequisites: BCS 206

WIS 210 3 credits

Database Fundamentals

This course covers the fundamentals of the database management systems environment. Students will study database concepts including the Structured Query Language (SQL), the relational model, normalization, database planning, design, and administration. Students will obtain hands on experience using the MySQL DBMS. Prerequisites: BCS 206

WIS 220 3 credits

Intermediate Web Application Development

Object-oriented concepts will be introduced. Students will build on their knowledge of server side programming, focusing on database connectivity to web applications. Other concepts explored through class discussion and individual projects will include layered architectures, maintaining state, and sessions. Prerequisites: WIS120 or WIS 305; and WIS 210

WIS 290 3 credits

Introduction to Programming with Python

This course introduces the student to computer programming using the Python programming language. The purpose of the course Is to help students understand programming as both an art form and a science. Prerequisites: BCS 206 or equivalent. Note: This course replaces SSD 101.

WIS 300 3 credits

Foundations of Object-Oriented Programming

This course introduces students to software development using Object-oriented programming techniques. Students will learn to apply common software design concepts including abstraction, encapsulation, composition, and inheritance to simplify application development. Prerequisites: WIS 220 or WIS 306

WIS 305 3 credits

Basic Web Application Development

This is an introductory programming course using PHP, a powerful server side scripting language. Students will explore software development with PHP in conjunction with the Apache web server environment. Features common to all programming languages will be studied, including variables, arrays, functions, and control constructs. Web application development using HTML, forms, and server side scripting will be explored. Prerequisites: WIS 100 or permission of program coordinator

WIS 306 3 credits

Intermediate Web Application Development

Object-oriented concepts will be introduced. Students will build on their knowledge of server side programming, focusing on database connectivity to web applications. Other concepts explored through class discussion and individual projects will include layered architectures, maintaining state, and sessions. Prerequisites: WIS 305, WIS 210

WIS 320 3 credits

Advanced Web Applications Development

This course will further explore web applications development from the perspective of the client and server. Students will investigate the details of http, the browser, server-side, and database components that together comprise a complete platform for developing rich internet applications. Prerequisites: WIS306

WIS 330 3 credits

Distributed Systems

Distributed Systems focuses on principles and practices of network-based computing. It begins with an overview of networking technology in support of data and multimedia communication. It continues with application-oriented protocols and approaches to distributed object-oriented programming using Java. Students will explore widely used and emerging standards and technologies for data exchange in e-commerce in a hands-on environment. Prerequisites: WIS 300

WIS 370 3 credits

User Centered Design

This course explores human-computer interaction, providing training in the basic skills of task analysis and user interface evaluation and design. Students will learn to develop designs that are usable and useful for people by using well-established heuristics. Graphical user interface (GUI) designs will be implemented and analyzed using rapid prototyping with Visual Basic. Prerequisites: WIS 120 or WIS305

WIS 400 3 credits

Advanced Database Design

This course provides in-depth coverage of the conceptual, logical, and physical design of database systems. Emphasis is placed on the concepts and methodology of relational design for transactional systems, with additional coverage of dimensional design for analytical processing (data warehousing). Database architectural designs, such as stand-alone, client-server, n-tier, replication, partitioning, and mobile databases will also be studied. Students will obtain hands-on experience modeling data for real-world problems using Microsoft Visio and My SGL DBMS. Prerequisites: WIS 210

WIS 420   3 credits

Systems Analysis and Design

The Software Development Life Cycle (SDLC) will be the focus of study. Emphasis will be on current and emerging technologies for systems analysis and requirements gathering. Various object-oriented modeling techniques will be examined in a hands-on environment. Other topics covered will include testing, documentation, and configuration control. Prerequisites: WIS 300

WIS 450   3 credits

Software Project Management

Management techniques are continually evolving to help minimize the cost of software development and ongoing maintenance while also minimizing time to market. This course will examine the software project management methodologies in use today with emphasis on those used for web-based applications and e-Commerce. Typical responsibilities of the software project manager will be examined, including leadership, scheduling, budgeting, risk analysis, intellectual property issues, confidentiality, and liability. Prerequisites: WIS 420

WIS 460-464   3 credits

Special Topics in Web Information Systems

This course surveys contemporary subjects and current events pertaining to Web Information Systems. Prerequisites: Permission of the Program Coordinator

WIS 485   1 credit

Senior Project Plan

This is the planning phase of the senior project in web information systems and is intended to be taken in conjunction with WIS 486. The student will work with a faculty advisor to identify a realistic project related to his or her career goals and course of study. Having agreed upon a timetable for the project's completion, the student then begins a required, minimum 30-hour flexible workshop where he or she must prepare a clear and comprehensive project plan that includes phases for requirements analysis, design, implementation, and testing, with deliverables for each phase. Prerequisites: Permission of the Program Coordinator

WIS 486   2 credits

Senior Project

Having agreed upon a project's definition and timetable in WIS 485, students will begin implementation of the project plan. Periodic consultation with the instructor is mandatory throughout the session. In this manner, students will have completed a professional-level, web information systems project prior to graduation. Prerequisites: WIS 485 and permission of the Program Coordinator

WIS 490-494   3 credits

Web Information Systems Internship

This course will provide students with real world experience in the field of web information systems. Students will become acquainted with the work place while enhancing their professional skills and interacting with other web information systems professionals. Prerequisites: Permission of the Program Coordinator

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