

# Course Catalog

2009-2010



UNDERGRADUATE PROGRAMS



# W E L C O M E   T O   W I L M I N G T O N   U N I V E R S I T Y

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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.

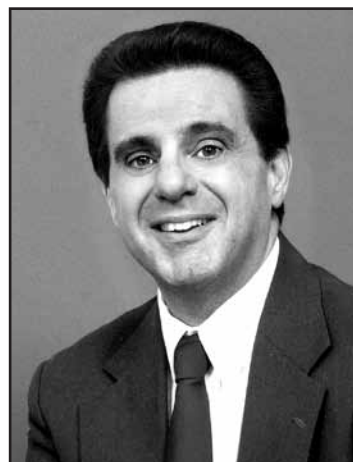
Wilmington University generally serves commuter students and does not provide student housing facilities. However, the University welcomes all qualified students and assists those needing living accommodations by providing a listing of nearby rental opportunities.

## 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, and we will continue to meet the ongoing challenges that higher education presents in the years ahead.

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.

A handwritten signature in black ink that reads "Jack P. Varsalona". The signature is written in a cursive, flowing style.

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

### **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

639 Evreux Street, Room 215

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

### **New Castle**

Office of Admissions

320 N. DuPont Highway

(302) 356-4636

New Castle, DE 19720-6491

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

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# ACADEMIC INFORMATION

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**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 Divisions Change to Colleges*

Wilmington University has made the decision to change our academic division names to Colleges to better reflect our university status. Introducing the six new Colleges of Wilmington University: College of Arts and Sciences (formerly the Division of General Studies), College of Business (formerly the Division of Business), College of Education (formerly the Division of Education), College of Health Professions (formerly the Division of Nursing & Allied Health), College of Social and Behavioral Sciences (formerly the Division of Behavioral Science), and College of Technology (formerly the Division of Information Technology and Advanced Communications).

## ACADEMIC AWARDS

Academic awards are given to students completing requirements for an undergraduate degree. These awards are described below:

### *College of Arts and Sciences Award*

The College of Arts and Sciences Award is given to an undergraduate 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 academic program.

### *College of Business Award*

The College of Business Award is given to a graduating student completing the requirements for a baccalaureate degree in a business major. The student must have a distinguished academic record and must demonstrate excellence in fulfilling the goals of his/her program of study.

### *College of Education Award*

The College of Education Award is given to an undergraduate degree recipient in education. The recipient must have achieved distinguished academic standing and must demonstrate a strong commitment to the education profession.

### *College of Health Professions Award*

The College of Health Professions Award is given to a graduating student 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 Award*

The College of Social & Behavioral Sciences 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 Award*

The College of Technology Award is given to an undergraduate degree recipient from the College of Technology. The student must have a distinguished academic record and must demonstrate 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 unsatisfactory academic standing if the cumulative grade point average falls below the following minimum requirements:

| <b>Credit Hours Earned</b> | <b>Cumulative GPA</b> |
|----------------------------|-----------------------|
| 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 will be limited to a maximum load of 12 credit hours (less, if recommended by the Academic Review Committee) and will not be permitted to participate in extracurricular activities. A suspended student may be reinstated on a probationary status by presenting and receiving approval of a written appeal to the Academic Review Committee chairperson. The suspended student must wait a complete academic year after the suspension was issued before submitting the letter of appeal to the Academic Review Committee Chairperson. Decisions of the Academic Review Committee shall be considered as final.

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*. Copies of the handbook are available in the Office of Student Affairs.

### *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.

### *Academic Dishonesty*

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.

All acts or attempted acts of alleged academic dishonesty are to be reported to the Dean of the appropriate academic college. Additional information may be found on the University website: [www.wilmu.edu/studentlife/acaddishonesty.html](http://www.wilmu.edu/studentlife/acaddishonesty.html).

## **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 division. 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 division.

|                        |                   |
|------------------------|-------------------|
| <b>Summa Cum Laude</b> | <b>highest 5%</b> |
| <b>Magna Cum Laude</b> | <b>next 8%</b>    |
| <b>Cum Laude</b>       | <b>next 12%</b>   |

**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*

Advanced Placement (AP) examinations of the College Entrance Examination Board may be used for advanced placement. Specific college course credits will be granted for scores of three, four, or five on the Advanced Placement (AP) examinations. You must have official AP score report 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 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.

### ***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. 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](http://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 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.

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

Upon 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 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 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).

**Table 1. Undergraduate Grading System**

| Grade | Numerical Equivalent | Quality Points | Explanation                                                                                                                                                                                               |
|-------|----------------------|----------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| A     | 95-100               | 4.00           | <b>Excellent.</b> 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           | <b>Good.</b> 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           | <b>Satisfactory.</b> 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           | <b>Lowest Passing Grade.</b> The student's accomplishment, while passing in some programs, is deficient. Minimum requirements have been met without distinction.                                          |
| F     | Below 65             | 0.00           | <b>Failure.</b>                                                                                                                                                                                           |
| FA    |                      | 0.00           | <b>Failure Due to Absence.</b> Student has excessive unexcused absences and did not withdraw.                                                                                                             |
| S     |                      | 0.00           | <b>Satisfactory.</b> The student has met expected standards of scholarship. This grade signifies acceptable performance of the course objectives.                                                         |
| U     |                      | 0.00           | <b>Unsatisfactory.</b> The student has not met the minimum course requirements.                                                                                                                           |
| I     |                      | 0.00           | <b>Incomplete.</b> 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           | <b>Course in Progress.</b> This grade is specific to Practicums, Internships, and Senior Seminars.                                                                                                        |
| AU    |                      | 0.00           | <b>Audit.</b> Does not yield credit.                                                                                                                                                                      |
| W     |                      | 0.00           | <b>Withdraw.</b> No academic penalty.                                                                                                                                                                     |
| NG    |                      | 0.00           | <b>No Grade.</b> A grade was not recorded by the instructor.                                                                                                                                              |
| NA    |                      | 0.00           | <b>Never Attended.</b> 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         |

## 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".

## **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 20202-4605

#### ***Annual Notification to Students***

Wilmington University is required to notify students annually of their rights regarding privacy. An ongoing message is inserted in each registration booklet, directing students to the following web address: [www.wilmu.edu/studentlife/privacy.html](http://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 registration booklet. 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, registration booklets, 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 registration booklets, 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

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## *Requirements for the Associate Degree*

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

- Complete course requirements in the major field of study, including the General Education Requirements.
- 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.
- Achieve an overall cumulative grade point average of at least 2.0.
- Achieve a cumulative grade point average of at least 2.0 in the major field of study.
- Demonstrate competence in verbal and written communications and computational skills.
- Complete a minimum of 60 total credit hours required for degree completion.

## *Requirements for the Baccalaureate Degree*

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

- Complete course requirements in the major field of study, including the General Education Requirements.
- 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.
- Achieve an overall cumulative grade point average of at least 2.0.
- Achieve a cumulative grade point average of at least 2.0 in the major field of study.
- Complete at least 45 credit hours of upper division (300-400 level) course work.
- Demonstrate competence in verbal and written communications and computational skills.
- Complete a minimum of 120 total credit hours required for degree completion.

## *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  
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

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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](http://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](http://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.



# STUDENT SERVICES

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## *Academic Advising Services*

The Office of Academic Advising offers all undergraduate students support services regarding academic development. The office provides academic advisement, schedule planning, and transfer credit evaluation. Students are 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](http://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 Affairs.

## *Housing*

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 Affairs offers assistance in introducing students to prospective roommates.



## STUDENT ACTIVITIES

### *Office of Student Affairs*

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

The Student Government Association and other clubs/organizations sponsor cultural and social events throughout the year. The University sponsors additional extracurricular and group activities. Any member of the student body may request any type of activity through the Student Government Association or the Office of Student Affairs.

### *Athletics*

Wilmington University is a member of the National Collegiate Athletic Association (NCAA), the Central Atlantic Collegiate Conference (CACC), and the Eastern Collegiate Athletic Conference (ECAC). 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, Business Professionals of America, International Reading Association, Society for Human Resource Management, honor societies, and departmental clubs.

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 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.

### *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.

# UNDERGRADUATE ADMISSION

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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](http://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 by 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](http://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 an 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](http://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

(formerly the Division of General Studies)

## Associate of Arts

General Studies

## Bachelor of Science

General Studies

Government and Public Policy

Legal Studies

## Minors

History

Literature

Natural Science

Mathematics

Military Science—Air Force

Military Science—Army

Political Science

## Certificates

Legal Studies

# 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     |
| 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 |
| HIS | 300 | World and Regional Geography       |

### Social Studies Elective (3 credits)

#### Choose one:

|                                             |     |                            |
|---------------------------------------------|-----|----------------------------|
| PSY                                         | 101 | Introduction to Psychology |
| SOC                                         | 101 | Introduction to Sociology  |
| Political Science Elective                  |     |                            |
| Natural Science Elective (SCI 308 excluded) |     |                            |
| Fine Arts Elective (Art, Drama, Music)      |     |                            |

### Humanities Electives (9 credits)

#### Choose 1 of each:

Literature, Philosophy, Humanities

### Electives (or core specialization) (18 credits)



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# 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: 20 General Education requirements and 20 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 (61–62 credits)**

#### **English Composition (12 credits)**

ENG 101 English Composition I

ENG 102 English Composition II

ENG 111 Advanced Communication Skills

Composition Elective (ENG 365 or ENG 360 recommended)

#### **Humanities (21 credits)**

HUM 360 Human World Views: 3500 BCE–1650 AD

HUM 361 Human World Views: 1650 AD–Present

PHI 310 Critical Thinking

#### **Humanities Electives (12 credits)**

##### **Select 4 courses from the following:**

ART, SPA, FRE, GER, HUM, LIT, MUS, PHI, DRA, COM 245, COM 322, DSN 110, HIS 230

#### **Social Sciences (15 credits)**

PSY 101 Introduction to Psychology

SOC 101 Introduction to Sociology

Political Science Elective

OR

CRJ 304 (Constitutional Law)

History Elective

Economics Elective

#### **Mathematics (3 credits)**

MAT 205 Introductory Survey of Mathematics (or equivalent)

#### **Natural Science (7 or 8 credits)**

Select 2 natural science electives. At least one course must include a lab. **NOTE:** The student could select 2 four-credit science courses.

#### **Computer Operations (3 credits)**

BCS 205 Personal Computer Operations I or equivalent

#### **Elective Core (or goal-directed track) (58–59 hours)**



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# 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)

## SUGGESTED PROGRAM SEQUENCE

### 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**

| <b>1st Semester</b> | <b>2nd Semester</b> |
|---------------------|---------------------|
| BCS 205 or 206      | ENG 102             |
| ENG 101             | HIS 204             |
| LES 120             | LES 314             |
| MAT 205             | SCI 105             |
| PSY 101             | SOC 101             |

### **SOPHOMORE**

| <b>1st Semester</b> | <b>2nd Semester</b> |
|---------------------|---------------------|
| ENG 111             | HUM 310             |
| HUM 360             | HUM 361             |
| LES 200             | LES 403             |
| LES                 | MAT 308             |
|                     | Legal Elective      |

### **JUNIOR**

| <b>1st Semester</b> | <b>2nd Semester</b> |
|---------------------|---------------------|
| HIS 314             | POL 326             |
| LES 320             | LES 317             |
| PHI 310             | LES 420             |
| Free Elective       | Free Elective       |
| Legal Elective      | Legal Elective      |

### **SENIOR**

| <b>1st Semester</b> | <b>2nd Semester</b> |
|---------------------|---------------------|
| LES 402             | 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

These minors, in each of four areas: math, science, literature, and history, are designed to enable Wilmington University students to enhance their skills and supplement their knowledge in areas that are particularly relevant to their career path and goals. The minors range from 15-21 credits and individual courses may require pre-requisites. Students wishing to pursue a minor should contact the Office of Academic Advising. Students may transfer a maximum of 30% of the course work required for a minor.

## 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 Environ 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 | 201 | United States History I  | (3 credits) |
| HIS | 202 | United States History II | (3 credits) |
| HIS | 204 | World History            | (3 credits) |

## Plus any (3) 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 (24 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 | 108 | Ranger Company                | (1 credit)  |
| MLS | 205 | Basic Leadership I            | (1 credit)  |
| MLS | 206 | Basic Leadership II           | (1 credit)  |
| MLS | 215 | Leadership Development        | (4 credits) |
| 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 credits) |
| 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<sup>1</sup>. 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.

<sup>1</sup>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 | 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*

*(formerly the Division of Business)*

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### *Bachelor of Science*

*Accounting*

*Accounting and Finance*

*Business Management*  
*Professional Aeronautics Track*

*Finance*

*Human Resource Management*

*Marketing*

*Organizational Management*

*Sports Management*

### *Minors*

*Business*

*Finance*

*Global Management*

*Human Resource Management*

*Management Information Systems*

### *Certificates*

*Accounting*

*Entrepreneurship/Small Business*  
*Management*

*Human Resource Management*

*Training and Staff Development*

### *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.

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# ***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)**

## SUGGESTED PROGRAM SEQUENCE

### FRESHMAN

| 1st Semester  | 2nd Semester            |
|---------------|-------------------------|
| BAC 101       | BAC 102                 |
| BCS 206       | BBM 201                 |
| ENG 101       | ENG 101                 |
| 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 301             | ECO 102                 |
| Humanities Elective | Social Science Elective |

### JUNIOR

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

### 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 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, 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)**



## SUGGESTED PROGRAM SEQUENCE

### 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           | Business Elective   |
| Business Elective | Humanities Elective |

### JUNIOR

| 1st Semester      | 2nd Semester |
|-------------------|--------------|
| BLA 303           | HUM 361      |
| FIN 305           | HRM 311      |
| HUM 360           | BBM 320      |
| MAT 301           | HRM 311      |
| 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.

## SUGGESTED PROGRAM SEQUENCE

### FRESHMAN

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Transferred credits

### SOPHOMORE

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| 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) |

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# 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)**



## SUGGESTED PROGRAM SEQUENCE

### 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      |

# Human Resource Management

## BACHELOR OF SCIENCE

### *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<br>(prerequisite HRM 311) |
| HRM 405 | Compensation Administration<br>(prerequisite HRM 311)                |
| HRM 410 | Training and Development<br>(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 |

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# 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 |
| <i>(all must be in English composition)</i> |           |

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. Appraise the American legal system through study and direct application of its principles.

## 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 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 301               | 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 306               | 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 60 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 3.0. 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<sup>1</sup> 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:**

BAC 490 Internship in Accounting  
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.

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

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# 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

This general option includes the following courses:

### Business Minor (27 credits)

|     |     |                             |
|-----|-----|-----------------------------|
| 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

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.

### Global Management Minor (18 credits)

|     |     |                                         |
|-----|-----|-----------------------------------------|
| 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

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.

### Finance Minor (21 credits)

|     |     |                      |
|-----|-----|----------------------|
| 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

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:

### HRM Minor (18 credits)

#### 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

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:

### MIS Minor (21 credits)

|     |     |                                                  |
|-----|-----|--------------------------------------------------|
| IRM | 200 | Information Systems Theory and Practice          |
| IRM | 300 | Information Technology Hardware and Software     |
| IRM | 310 | Programming, Data, File, and Object Structures   |
| IRM | 400 | Analysis and Logical Design                      |
| IRM | 410 | Physical Design and Implementation with DBMS     |
| IRM | 450 | Project Management and Practice                  |
| SEC | 210 | Principles and Practices of Information Security |



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# *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<br>(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

*(formerly the Division of Education)*

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## Associate of Science

*Early Childhood Education*

## Bachelor of Science

*Career and Technical Education*

*Early Care and Education—  
Birth through Grade 2*

*Elementary Education—  
Kindergarten through Grade 6*

*Middle Level Education—  
Grade 6 through Grade 8*

*The College of Education at Wilmington University reserves the right to change requirements to comply with any licensure/certification mandates 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.

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# 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, 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 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. 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. Exhibit enthusiasm, vigor, strength of inner self, humor, fairness, and concern for others.

### *Clinical Requirements*

Internship placements for students must be arranged and approved through the College of Education, Office of Clinical Studies. Applications 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 (3credits)**

#### **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                              |              |

# Education

## BACHELOR OF SCIENCE

The Bachelor of Science degree programs in Education are approved by the State 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 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. Exhibit enthusiasm, vigor, strength of inner self, humor, fairness, and concern for students.
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 to the appropriate 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 may be downloaded from

the Wilmington University website. 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

Completion of the student teaching requirement is contingent upon the successful completion of an electronic portfolio documenting achievement of 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 teacher candidates deals with their proficiency in working with students from diverse backgrounds and exceptionalities to ensure that each student has an opportunity to learn. The required clinical experiences in the BS program are designed to encourage candidates to interact with exceptional students and students from different socioeconomic, gender, racial, language, geographic and ethnic groups.

A second area of importance for teacher candidates is the realization 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 professional educators.

In order to assess a teacher candidate's initial dispositions and multicultural 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.



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# 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.

\*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:<br>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.

### 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<br>(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 successful score on the 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.

### Major Concentration

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 Eng Gram  
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

#### **English/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 Sciences

#### **English/Science**

MAT 205 Introductory Survey of Mathematics  
SCI 312 Physics (4 credits)  
SCI 315 Applied Chemistry  
SCI 305 Earth and Space  
MAT 320 Finite Mathematics

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

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# Career and Technical Education

## BACHELOR OF SCIENCE

### *Purpose*

The purpose of the Bachelor of Science in Education in Career and Technical Education is to provide professional development and certification opportunities. The program is designed for adults who seek 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. Students will learn methods to successfully communicate the content and skills of their craft as well as to develop effective teaching strategies to ensure that students are receiving the best instruction possible while increasing student achievement.

### *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.

### *Praxis I: PPST Requirements*

Students must satisfy Delaware's PRAXIS I testing requirements prior to completing the necessary requirements for the degree.

## 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 E-portfolio  
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

**Clinical Component (6 credits)**

EDC 420 Major Professional Project through Directed Study

\*Note: 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

# Health Professions

*(formerly the Division of Nursing  
and Allied Health)*

## *Bachelor of Science in Nursing*

*RN to BSN*

*RN to BSN Pathway*

*for Registered Nurses  
with a Bachelor's Degree in another field*

## *Certificates*

*Hispanic Cultural Certificate*

## *Degree Completion Programs*

*Bachelor of Science  
in Allied Health Education*

*Bachelor of Science  
in Allied Health Management*

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## *Pre-RN Option*

### *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 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 371 Cultural Diversity in Health and Illness (3 credits)

ALH 323 Health Professional as Teacher (3 credits)

ALH 402 Medical Law and Ethics (3 credits)

Upper level requirements, including MAT 308 Inferential Statistics and required Humanities, may also be taken while Pre-RN students wait for clinical placement.

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# ***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 campus and the Georgetown, Dover, and Cumberland, NJ sites. 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 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.
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 appropriate documentation in clinical courses.
6. All nursing students are required to complete a background check and drug screening. Details are provided in the program handbook and are available in the College of Health Professions.

## **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 |

#### **HUM upper level electives (9 credits)**

##### **Choose from the following:**

PHI, HUM, ART, DRA, LIT, MUS, Foreign Language, COM 245, COM 322, DSN 110, ENG 360, HIS 230

##### **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 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.

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## ***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 bachelor's 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)

**Free Electives** (8 credits)

**Total transfer credits possible:** (89 credits)

\*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).

#### **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)

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## ***BSN to MSN Option for second degree students***

### **BACHELOR OF SCIENCE IN NURSING**

Students who have completed basic nursing education along with a bachelor's degree in another field who wish to complete their MSN will be admitted into the BSN to MSN Option for second degree students. Transfer credits will remain the same as for the RN to BSN Pathway Bachelor of Science in Nursing students. Students in this option will be awarded a BSN once they have completed 31 credits consisting of the courses listed below. Students will receive their MSN once all remaining courses are completed in the Graduate Program.

#### **BSN for Second Degree Students**

NUR 303 Nurse as Professional  
NUR 313 Nurse as Decision Maker  
NUR 333 Nurse as Leader  
NUR 343 Nurse as Consumer of Research Practice  
NUR 363 Nurse as Caregiver  
NUR 323 Nurse as Teacher  
NUR 413 Holistic Health Assessment  
NUR 423 Global Health Care  
NUR 433 Global Health Care Practicum

**Nursing or HLT elective** (as needed)

#### **BSN to MSN for Second Degree Students**

NUR 303 Nurse as Professional  
MSN 6645 Bioethics in Nursing Practice  
MSN 6500 Leadership for Advanced Nursing Practice  
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)



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# 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 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 experiences

**Total credits for the Hispanic Cultural Certificate - 18**

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# *Degree Completion Program for Allied Health*

## **BACHELOR OF SCIENCE IN ALLIED HEALTH MANAGEMENT**

## **BACHELOR OF SCIENCE IN ALLIED HEALTH EDUCATION**

### *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 roles in education or management.

### *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 or education. The program is offered at the New Castle, Dover, and Georgetown sites. 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 either management or educational 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 or 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)

### Allied Health Management Track

|         |                                            |
|---------|--------------------------------------------|
| 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             |
| SOC 304 | Ethnic Groups and Minorities               |
| ALH 401 | Allied Health Professional Capstone        |
| PSY 315 | Group Dynamics                             |

### Allied Health Education Track

|         |                                            |
|---------|--------------------------------------------|
| ALH 323 | Health Professional as Teacher             |
| ALH 402 | Medical Law and Ethics                     |
| ALH 333 | Leadership for Allied Health Professionals |
| HRM 340 | The Adult Learner                          |
| ALH 401 | Allied Health Professional Capstone        |
| EDC 400 | Educational Psychology                     |
| EDC 401 | Instructional Technology                   |
| EDC 402 | Advanced Curriculum Design                 |
| EDC 410 | Multicultural Education                    |
| EDC 412 | Classroom Management                       |

### 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.

# *Social and Behavioral Sciences*

*(formerly the Division of Behavioral Science)*

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## *Bachelor of Science*

*Behavioral Science*

*Criminal Justice*

*Organizational Dynamics*

*Psychology*

## *Certificates*

*Criminal Justice*

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# *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 & 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                          |
| PSY | 406 | Tests and Measurements                  |
| OR  |     |                                         |
| SOC | 490 | Internship in Behavioral Science        |

#### Choose a course from the following:

|     |     |                                                                       |
|-----|-----|-----------------------------------------------------------------------|
| PSY | 408 | Seminar in Behavioral Science                                         |
| 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                                               |

### 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       | Free Elective       |
| Free Elective | Humanities Elective |

### SOPHOMORE

| 1st Semester        | 2nd Semester  |
|---------------------|---------------|
| ENG 111             | ECO 105       |
| MAT 205             | SCI 335       |
| PSY 300             | SOC 331       |
| PSY 309             | SOC 302       |
| Humanities Elective | Free Elective |

### JUNIOR

| 1st Semester                | 2nd Semester |
|-----------------------------|--------------|
| HUM 360                     | HUM 361      |
| MAT 308                     | PSY 315      |
| PSY 305                     | SOC 304      |
| Behavioral Science Elective | SOC 318      |
| Behavioral Science Elective | SOC 340      |

### 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**

| <b>1st Semester</b> | <b>2nd Semester</b>      |
|---------------------|--------------------------|
| BCS 205             | CRJ 205                  |
| CRJ 101             | ENG 102                  |
| ENG 101             | MAT 205                  |
| PSY 101             | Humanities Elective      |
| SOC 101             | Natural Science Elective |

### **SOPHOMORE**

| <b>1st Semester</b> | <b>2nd Semester</b> |
|---------------------|---------------------|
| CRJ 304             | CRJ 316             |
| CRJ 206             | CRJ 318             |
| ENG 111             | CRJ 350             |
| Free Elective       | ECO 105             |
| Humanities Elective | Core Elective*      |

### **JUNIOR**

| <b>1st Semester</b> | <b>2nd Semester</b> |
|---------------------|---------------------|
| CRJ 303             | CRJ 301             |
| CRJ 412             | CRJ 341             |
| HUM 360             | CRJ 410             |
| Core Elective*      | HUM 361             |
| Free Elective       | Core Elective*      |

### **SENIOR**

| <b>1st Semester</b> | <b>2nd Semester</b> |
|---------------------|---------------------|
| 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, ORG, 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)**

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# Organizational Dynamics

## 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.

### *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 in the managerial aspects of administration. The Bachelor of Science degree in Organizational Dynamics is an accelerated degree-completion program that provides the skills, knowledge, and abilities in the social and psychological elements of organizational behavior that are needed to facilitate organizational 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. The Organizational Dynamics accelerated program is designed for students who have some post-high school experience which exposed them to the functions of organizational/workplace behaviors and have a two-year degree or at least 48 credit hours of college credits.

### *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 accelerated core of the program consists of 36 credits of course work that include a balance of theory, practice, and research in the field. Other courses in the major can be taken as electives. Courses are taught primarily in an accelerated hybrid course format. The classes meet one night per week for five weeks. Students who choose to take three courses

and one weekend modular during the fifteen-week term can complete the required core course work in one year. Courses will be taught on a one-year cycle for the convenience of the students. This program is intended for the busy working adult who wants to complete their degree and grow professionally in their organization.

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 SOC 101 and PSY 101 prior to taking Organizational Dynamics courses. Students entering this program will have demonstrated a level of academic maturity and experience in the organizational workplace setting that should prepare them to take the upper level courses in this program.

|                                       |                     |
|---------------------------------------|---------------------|
| <b>General Education Requirements</b> | <b>(39 credits)</b> |
| <b>Computer Operations</b>            | <b>(3 credits)</b>  |
| <b>English</b>                        | <b>(9 credits)</b>  |
| <b>Humanities</b>                     | <b>(12 credits)</b> |
| <b>Math</b>                           | <b>(3 credits)</b>  |
| <b>Natural Science</b>                | <b>(3 credits)</b>  |
| <b>Social Science</b>                 | <b>(9 credits)</b>  |

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.

### **Accelerated 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)**



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# 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, 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 | 401 | 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 | Psychology Elective |

**SOPHOMORE**

| 1st Semester        | 2nd Semester                  |
|---------------------|-------------------------------|
| ENG 111             | ECO 105                       |
| MAT 205             | SCI 335                       |
| PSY 300             | SOC 331                       |
| Free Elective       | Developmental Psych. Elective |
| Humanities Elective | Psychology Elective           |

**JUNIOR**

| 1st Semester        | 2nd Semester |
|---------------------|--------------|
| HUM 360             | HUM 361      |
| MAT 308             | PSY 315      |
| PSY 305             | PSY 351      |
| PSY 334             | SOC 304      |
| Psychology Elective | SOC 340      |

**SENIOR**

| 1st Semester        | 2nd Semester                    |
|---------------------|---------------------------------|
| PHI 302             | PSY 408 Seminar in Beh. Science |
| PSY 406             | Free Elective                   |
| Psychology Elective | Free Elective                   |
| Free Elective       | Psychology Elective             |
| Free Elective       | Psychology Elective             |

# Technology

*(formerly the Division of Information  
Technology and Advanced Communications)*

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## *Associate of Science*

*Media Art, Design and Technology*

## *Bachelor of Science*

*Computer and Network Security*

*Information Resource Management*

*Media Design*

*Studio Production*

*Web Information Systems*

## *Minors*

*Drama*

*Media Design—Multimedia*

*Media Design—Photography*

*Media Design—Print*

*Studio Production—*

*Broadcast and Electronic Journalism*

*Studio Production—*

*igital Film-Making*

*Studio Production—*

*Television and Video*

## *Overview*

Programs in the College of Technology have been developed for those students wishing to work in informational technology fields, in computer and network security, and in the many creative design and communication industries that are emerging as digital technologies expand. Design-related careers include, among others, the fields of Multimedia Design, TV and Video Production, Print and Broadcast Journalism, and Photography and Graphic Design. The use of Information Systems and Technology in business and industry continues to increase steadily, as does the number of employees, administrators, and staff who are routinely exposed to computers and associated devices. The global presence throughout all of the nation's enterprise of computers and related technologies has, therefore, created educational and employment opportunities unknown a scant few years ago. Information-related careers include the fields of Information Technology, Project Leader/Manager, Web Application Developer, Systems Analyst, Database Specialist, E-commerce Analyst, Network Specialist, Security Technician, Security Analyst, and Information Assurance and Computer Forensics Specialist, among many others. United States Department of Labor statistics reflect the nation's demand for Information technology professionals across all industry segments. In addition, the Federal Information Security Management Act of 2002 requires qualified professionals to further maintain the security of our nation's infrastructure. Wilmington University's College of Technology programs involve courses that are taught, using an appropriate balance of theory and practice, in state-of-the-art computer labs and extensively equipped 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 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, 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 Information Resource 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 projects 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 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 technology field, and in the media 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 Resource Management (IRM) degree closely follows the guidelines as created by a joint effort between ACM (Association of Computing Machinery), AIS (Association of Information Systems), and AITP (Association of Information Technology Professionals). The IRM 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 communications skills and a sound understanding of current business practices. A General Studies 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 9 credit hours of related electives, and is buttressed by a support core of 21 credits. Coupled with 39 credits of General Studies 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 Studies courses (6 credit hours) plus a design core and specialized career tracks. The Media Design degree includes a Media Design core of 10 courses (30 credit hours) and offers career tracks in Multimedia, Photography and Print consisting of 17 courses ( 51 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 provides 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.

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# *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 and Studio Production bachelor's degrees.

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, SSD, 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; the BLS projects a 59 percent increase in the occupation for workers with a bachelor’s degree from 2002 through 2012).

## 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 | 301 | Principles of Statistics I        |
| PHI | 314 | Ethics for Computer Professionals |

### Security Core (45 credits)

|     |     |                                                           |
|-----|-----|-----------------------------------------------------------|
| IRM | 230 | Introduction to Linux                                     |
| IRM | 320 | Networks and Telecommunications                           |
| IRM | 330 | Linux for Systems Administrators                          |
| MIS | 320 | Management Information Systems                            |
| SEC | 210 | Principles and Practices of Information Security          |
| SEC | 220 | Introduction to Computer Forensics                        |
| SEC | 310 | Cryptography: Algorithms and Applications                 |
| SEC | 330 | Operating System and Computer Systems Security            |
| SEC | 410 | Operating Systems Security: Web and Data Security         |
| SEC | 420 | Data Integrity, Computer Forensics, and Disaster Recovery |
| 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 | 340 | Windows Operating Systems                               |
| IRM | 430 | Advanced Network Management or                          |
| SEC | 430 | Security Issues Concerning RFID Technology Applications |

### College of Technology Electives (6 credits)

#### Choose two courses from:

IRM, SEC, TEC, WIS

### Free Electives (15 credits)

## SUGGESTED PROGRAM SEQUENCE

### FRESHMAN

| Semester 1           | Semester 2 |
|----------------------|------------|
| BCS 206              | ECO 105    |
| ENG 101              | ENG 102    |
| MIS 320              | MAT 102    |
| MAT 101              | PSY 101    |
| Elective (3 credits) | WIS 290    |

### SOPHOMORE

| Semester 1 | Semester 2           |
|------------|----------------------|
| CRJ 101    | ENG 111              |
| IRM 230    | HUM 360              |
| MAT 301    | IRM 330              |
| SCI 110    | SEC 220              |
| SEC 210    | Elective (3 credits) |

### JUNIOR

| Semester 1                   | Semester 2                   |
|------------------------------|------------------------------|
| IRM 320                      | HUM 361                      |
| PHI 314                      | LES 330                      |
| SEC 310                      | SEC 330                      |
| Program Elective (3 credits) | HUM Elective (3 credits)     |
| Elective (3 credits)         | Program Elective (3 credits) |

### SENIOR

| Semester 1                   | Semester 2                          |
|------------------------------|-------------------------------------|
| HUM Elective (3 credits)     | CRJ 411                             |
| LES 331                      | SEC 420                             |
| SEC 410                      | SEC 450                             |
| Program Elective (3 credits) | Elective (3 credits)                |
| Elective (3 credits)         | Social Science Elective (3 credits) |

# Information Resource Management

## BACHELOR OF SCIENCE

### *Philosophy*

The Wilmington University undergraduate degree program in Information Resource 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 Resource Management will possess a working command of current informational practices that can be immediately applied in business, educational, and governmental organizations regardless of size. Degree recipients will be capable of managing complex projects from inception to completion, including professional services engagements as well as the acquisition and management of informational infrastructure. The IRM 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 continues to increase steadily, as does the number of employees, administrators, and staff who are routinely exposed to computers and associated devices. The increased presence throughout the entire nation's enterprise of computers and related technologies has, therefore, created educational and employment opportunities unknown a scant few years ago. Among IT professionals and business leaders, several unmet IT-related staffing needs have emerged, namely:

- A need to become competent practitioners, able in the use of technology and capable of assuming a leadership role in its implementation;
- A need to be effective problem solvers, with the ability to integrate information systems and technology into the workplace;
- A need to be 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 Resource 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 Resource Management (33 credits)

|         |                                                                   |
|---------|-------------------------------------------------------------------|
| IRM 100 | Fundamentals of Information Systems                               |
| IRM 200 | Information Systems Theory and Practice                           |
| IRM 300 | Information Technology Hardware and Software                      |
| IRM 310 | Programming, Data and Object Structures                           |
| IRM 320 | Networks and Telecommunications                                   |
| IRM 400 | Analysis and Logical Design of an Information System              |
| IRM 410 | Physical Design and Implementation with DBMS                      |
| IRM 420 | Physical Design and Implementation with a Programming Environment |
| IRM 450 | Project Management and Practice                                   |
| SEC 210 | Principles and Practice of Information Security                   |

IRM Elective (3 credits)

Free Electives (18 credits)

## SUGGESTED PROGRAM SEQUENCE

### FRESHMAN

| Semester 1           | Semester 2           |
|----------------------|----------------------|
| BCS 206              | ECO 105              |
| ENG 101              | ENG 102              |
| MAT 101              | IRM 100              |
| SCI 110              | MAT 102              |
| Elective (3 credits) | Elective (3 credits) |

### SOPHOMORE

| Semester 1           | Semester 2            |
|----------------------|-----------------------|
| FIN 300              | BBM 201               |
| SEC 210              | IRM 300               |
| IRM 200              | IRM 310               |
| MAT 308              | Electives (6 credits) |
| Elective (3 credits) |                       |

### JUNIOR

| Semester 1 | Semester 2           |
|------------|----------------------|
| BBM 301    | BBM 320              |
| ENG 111    | Elective (3 credits) |
| HUM 360    | HUM 361              |
| IRM 320    | IRM 410              |
| IRM 400    | Elective (3 credits) |

### SENIOR

| Semester 1            | Semester 2            |
|-----------------------|-----------------------|
| BBM 350               | BMK 305               |
| IRM 420               | IRM 450               |
| Elective (3 credits)  | PHI 314               |
| Electives (6 credits) | Electives (6 credits) |

# 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 recently expanded Media Design major now includes concentration areas in Multimedia, Print, and Photography, allowing students the flexibility to tailor their degree to their career interests.

All Media Design students will complete the Media Design core, which offers introductory courses in drawing, desktop 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.

In addition to the Media Design Core and the General Education requirements required of all Wilmington University students, Media Design students will select a concentration from among the three 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        |

### Media Design Core (30 credits)

|             |                                  |
|-------------|----------------------------------|
| COM 310     | Legal Aspects of Communication   |
| COM 431     | Media and Society                |
| COM 485/486 | Senior Project A (1cr) & B (2cr) |
| COM 490     | Internship                       |
| DSN 110/112 | Drawing                          |
| DSN 120     | Desktop Publishing               |

|         |                               |
|---------|-------------------------------|
| DSN 210 | Digital Image Manipulation    |
| DSN 220 | Concept Development           |
| DSN 318 | Portfolio Production          |
| TEC 215 | Basic Photographic Techniques |

### **Multimedia Track (51 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 420/422 | Non-Linear Editing                |
| DSN 201     | Fundamentals of Motion Graphics   |
| DSN 230     | Graphic Design Applications       |
| DSN 320     | Introduction to Web Design        |
| DSN 325     | Multimedia Web Design             |
| DSN 326     | Interactive Multimedia Web        |
| TEC 101     | Introduction to Audio             |
| TEC 102     | Introduction to Video             |
| WIS 120     | Basic Web Application Development |

### **Design Electives (12 credits)**

Choose 4 courses from the following:  
COM, DFM, DSN, TEC

### **Free Electives (9 credits)**

## **SUGGESTED PROGRAM SEQUENCE**

### **FRESHMAN**

| <b>Semester 1</b> | <b>Semester 2</b> |
|-------------------|-------------------|
| ENG 101           | COM 245           |
| ART 210           | MAT 205           |
| BCS 210           | DSN 120           |
| SCI               | HIS 230           |
| DSN 110/112       | PSY 101           |

### **SOPHOMORE**

| <b>Semester 1</b> | <b>Semester 2</b> |
|-------------------|-------------------|
| ECO 105           | DSN 201           |
| DSN 210           | DSN 220           |
| TEC 215           | COM 322           |
| COM 310           | TEC 101           |
| COM 300           | TEC 102           |

### **JUNIOR**

| <b>Semester 1</b> | <b>Semester 2</b> |
|-------------------|-------------------|
| COM 420/422       | HUM 360           |
| DSN 230           | DSN 325           |
| DSN 320           | WIS 120           |
| COM 360           | Elective          |
| DSN 318           | Design Elective   |

### **SENIOR**

| <b>Semester 1</b> | <b>Semester 2</b>      |
|-------------------|------------------------|
| DSN 326           | COM 431                |
| HUM 361           | COM 485/486 or COM 487 |
| COM 490           | Design Elective        |
| Design Elective   | Elective               |
| Design Elective   | Elective               |

### **Photography Track (51 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   |
| TEC 235 | Black and White Photo   |
| TEC 300 | Advanced Photography    |
| TEC 315 | Nature Photography      |
| TEC 325 | Business of Photography |
| TEC 366 | Photojournalism I       |
| TEC 405 | Photo Studio Lighting   |

### **Design Electives (12 credits)**

Choose 4 courses from the following:  
COM, DFM, DSN, TEC

### **Free Electives (9 credits)**



## SUGGESTED PROGRAM SEQUENCE

### FRESHMAN

| Semester 1  | Semester 2 |
|-------------|------------|
| ENG 101     | COM 245    |
| ART 210     | MAT 205    |
| BCS 210     | TEC 215    |
| SCI         | HIS 230    |
| DSN 110/112 | PSY 101    |

### SOPHOMORE

| Semester 1 | Semester 2 |
|------------|------------|
| ECO 105    | DSN 105    |
| DSN 210    | DSN 220    |
| DSN 120    | COM 322    |
| COM 300    | DSN 318    |
| TEC 300    | TEC 405    |

### Semester 3

TEC 235  
TEC 325  
TEC 102

### JUNIOR

| Semester 1      | Semester 2      |
|-----------------|-----------------|
| DSN 241         | COM 310         |
| BMK 305         | TEC 366         |
| TEC 315         | HUM 360         |
| Design Elective | Design Elective |
| Design Elective |                 |

### SENIOR

| Semester 1      | Semester 2  |
|-----------------|-------------|
| HUM 361         | COM 431     |
| COM 490         | COM 485/486 |
| Design Elective | Elective    |
| Elective        | Elective    |

### Print Track (51 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 (12 credits)

Choose 4 courses from the following:

COM, DFM, DSN, TEC

### Free Electives (9 credits)

## SUGGESTED PROGRAM SEQUENCE

### FRESHMAN

| Semester 1  | Semester 2 |
|-------------|------------|
| ENG 101     | COM 245    |
| ART 210     | MAT 205    |
| BCS 210     | DSN 120    |
| SCI         | HIS 230    |
| DSN 110/112 | PSY 101    |

### SOPHOMORE

| Semester 1 | Semester 2 |
|------------|------------|
| ECO 105    | BMK 305    |
| DSN 210    | DSN 220    |
| TEC 215    | COM 322    |
| COM 310    | DSN 105    |
| COM 300    | DSN 241    |

### JUNIOR

| Semester 1 | Semester 2      |
|------------|-----------------|
| DSN 230    | HUM 360         |
| DSN 308    | DSN 402         |
| DSN 401    | DSN 410         |
| DSN 315    | Design Elective |
| DSN 318    | Design Elective |

### SENIOR

| Semester 1      | Semester 2             |
|-----------------|------------------------|
| DSN 415         | COM 431                |
| HUM 361         | COM 485/486 or COM 487 |
| COM 490         | Elective               |
| Design Elective | Elective               |
| Design Elective | Elective               |

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# 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 420/422 | Non-Linear Editing                   |
| COM 485/486 | Senior Project A (1cr) & B (2cr)     |

|         |                                 |
|---------|---------------------------------|
| 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 video 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

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| Semester 1 | Semester 2 |
|------------|------------|
| ENG 101    | COM 245    |
| ART 210    | MAT 205    |
| BCS 210    | HIS 230    |
| SCI        | DSN 201    |
| DSN 210    | PSY 101    |

### SOPHOMORE

---

| Semester 1 | Semester 2  |
|------------|-------------|
| ECO 105    | COM 300     |
| TEC 101    | TEC 215     |
| TEC 102    | COM 420/422 |
| DSN 220    | COM 310     |
| Elective   | COM 322     |

## **JUNIOR**

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### **Semester 1**

COM 331  
COM 303  
COM 335  
TEC 305  
Design Elective

### **Semester 2**

COM 240  
COM 345  
COM 344  
Design Elective  
Design Elective

## **SENIOR**

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### **Semester 1**

HUM 360  
COM 425  
Design Elective  
COM 490  
Design Elective

### **Semester 2**

COM 485/486  
HUM 361  
COM 412  
COM 413  
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 421/423 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**

ENG 101  
ART 210  
BCS 210  
SCI  
DSN 210

#### **Semester 2**

COM 245  
MAT 205  
HIS 230  
DSN 201  
PSY 101

### **SOPHOMORE**

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#### **Semester 1**

ECO 105  
TEC 101  
TEC 102  
COM 306  
DSN 220

#### **Semester 2**

COM 300  
TEC 215  
COM 420/422  
COM 310  
COM 322

### **JUNIOR**

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#### **Semester 1**

COM 331  
COM 303  
DFM 200  
TEC 305  
COM421/423

#### **Semester 2**

DFM 300  
COM 401  
DFM 350  
COM 335  
Design Elective

### **SENIOR**

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#### **Semester 1**

HUM 360  
DFM 400  
COM 490  
Design Elective

#### **Semester 2**

COM 485/486  
HUM 361  
Design Elective  
Elective  
Elective

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# 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 |

**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 120 Basic Web Application Development

WIS 200 Internet Foundations

WIS 210 Database Fundamentals

WIS 220 Intermediate Web Application Development

WIS 300 Foundations of Object Oriented Programming

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**

BCS 206

ENG 101

MAT 101

SCI 110

Elective (3 credits)

**Semester 2**

ECO 105

ENG 102

MAT 102

WIS 100

Elective (3 credits)

**SOPHOMORE****Semester 1**

ENG 111

MAT 308

WIS 120

WIS 210

Elective (3 credits)

**Semester 2**

BBM 201

WIS 200

WIS 220

Elective (3 credits)

Elective (3 credits)

**JUNIOR****Semester 1**

BBM 301

FIN 300

HUM 360

MIS 320

WIS 300

**Semester 2**

BBM 320

HUM 361

PHI 314

WIS 370

WIS 400

**SENIOR****Semester 1**

BMK 305

WIS 320

Elective (3 credits)

Elective (3 credits)

Elective (3 credits)

**Semester 2**

BBM 350

WIS 420

WIS 450

WIS 490 or WIS 485/486

Elective (3 credits)



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# 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 420/422 | Non-Linear Editing              |
| 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 460 | Topics in Photography                  |
| TEC 470 | Advanced Photography II: the Portfolio |

### MEDIA DESIGN—PRINT 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 120 | Desktop 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 the various types of journalistic settings 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 420/422 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

## **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 331 Single Camera Video Production
- COM 412 Television News Production
- COM 420/422 Non-Linear Editing
- COM 303 Introduction to Television Studio Production

### **Select one of the following:**

- COM 335 Corporate Video Production
- COM 401 Producing the Documentary

## COURSE DESCRIPTIONS

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### *Air Force—Military Science*

#### **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. *Prerequisite: 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. *Prerequisite: AFS 110 and freshman status*

#### **AFS 150** **0 credits**

##### *Leadership Lab for Freshmen 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. *Prerequisite: freshman status*

#### **AFS 151** **0 credits**

##### *Leadership Lab for Freshmen 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: AFS 210 and sophomore status*

#### **AFS 250** **0 credits**

##### *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. *Prerequisite: sophomore status*

#### **AFS 251** **0 credits**

##### *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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: AFS 310 and junior status*

#### **AFS 350** **0 credits**

##### *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. *Prerequisite: AFS 250, AFS 251 and junior status*

#### **AFS 351** **0 credits**

##### *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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: AFS 410 and senior status*

**AFS 450** **0 credits**  
*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. *Prerequisite: AFS 350, AFS 351 and senior status*

**AFS 451** **0 credits**  
*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. *Prerequisite: AFS 350, AFS 351, AFS 450 and senior status*

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## **Allied Health**

**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. *Prerequisite: 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.

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## **Art**

**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. *\*The Great Themes volume of the Time-Life Library of Photography is the recommended (not required) text.*

**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*

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## *Accounting*

**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.  
*Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: BAC 321 GPA 2.0*

**BAC 401** **3 credits**  
*Advanced Accounting I*

This course examines problems relating to business combinations, consolidated financial statements, debt restructuring, corporate reorganizations, and liquidations. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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.

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## *Aviation Management*

### **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. *Prerequisite: 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.

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## *Business Management*

### **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. *Prerequisite: 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. *Prerequisite: BBM 201*

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| <b>BBM 302</b> <span style="float: right;"><b>3 credits</b></span><br><i>Business and the Environment</i><br>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. <i>Prerequisite: BBM 201</i> | <b>BBM 330</b> <span style="float: right;"><b>3 credits</b></span><br><i>Power and Negotiation</i><br>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. <i>Prerequisite: BBM 301 or ORG 301</i>                                                                          |
| <b>BBM 310</b> <span style="float: right;"><b>3 credits</b></span><br><i>Materials Management</i><br>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. <i>Prerequisite: BBM 201</i>                                                                                                                                                                                 | <b>BBM 331</b> <span style="float: right;"><b>3 credits</b></span><br><i>Business and Society</i><br>This course reviews the problems facing business and society. Social responsibility, pollution, minority groups, poverty, and consumerism are studied. Society's needs and corporate priorities are analyzed in light of making recommendations to improve quality of life. Government regulatory controls relating to consumer and manufacturer/service provider are examined. <i>Prerequisite: BBM 201</i>                                                                                                  |
| <b>BBM 315</b> <span style="float: right;"><b>3 credits</b></span><br><i>Supervisory Management</i><br>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. <i>Prerequisite: BBM 201</i>                                                                                                                                                  | <b>BBM 350</b> <span style="float: right;"><b>3 credits</b></span><br><i>Introduction to E-Commerce</i><br>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. <i>Prerequisite: BBM 201</i>                                                                                                                                                                              |
| <b>BBM 319</b> <span style="float: right;"><b>3 credits</b></span><br><i>Business Ethics</i><br>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. <i>Prerequisite: BBM 201</i>                                                                                           | <b>BBM 351</b> <span style="float: right;"><b>3 credits</b></span><br><i>Small Business Management</i><br>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. <i>Prerequisite: BBM 201</i>                                                                                                                                                     |
| <b>BBM 320</b> <span style="float: right;"><b>3 credits</b></span><br><i>Business Communications</i><br>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. <i>Prerequisites: ENG 102 and BBM 201</i>                    | <b>BBM 355</b> <span style="float: right;"><b>3 credits</b></span><br><i>Quality Management</i><br>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. <i>Prerequisite: BBM 201</i> |

**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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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.

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## ***Business Financial Management***

**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. *Prerequisite: Organizational Management major*

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## ***Computer Operations***

The BCS requirement in your General Education Requirements may be satisfied by any one of the following three courses: BCS 205 - Personal Computer Operations I, BCS 206 - Computer Applications for Business, or BCS 210 - Computer Science (for College of Technology majors only). Students who have successfully completed one of these three courses have already met their BCS requirement and should not register for either of the remaining two courses. However, BCS 307 -

Computer Presentations may be taken as a free elective when appropriate.

**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 College of Technology 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 College of Technology, 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). *Prerequisite: BCS 205 or BCS 206 or BCS 210 or demonstrated computer proficiency*

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## ***Business Law***

**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, ENG 111, 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.

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## ***Marketing***

**BMK 221** **3 credits**  
*Principles of Advertising and Public Relations*

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 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. *Prerequisite: BBM 201*

**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. *Prerequisite: 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. *Prerequisite: BMK 305*

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| <b>BMK 311</b><br><b><i>Sales Force Management</i></b><br>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. <i>Prerequisite: BMK 305</i>                                                                                                                                                                                                   | <b>3 credits</b> | <b>BMK 344</b><br><b><i>Logistics: Physical Distribution</i></b><br>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. <i>Prerequisite: BMK 305</i>                                                                                                                                                                                                                               | <b>3 credits</b> |
| <b>BMK 312</b><br><b><i>Personal Selling</i></b><br>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. <i>Prerequisite: BMK 305</i>                                                                                                                                                                                               | <b>3 credits</b> | <b>BMK 355</b><br><b><i>Internet Marketing</i></b><br>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. <i>Prerequisite: BMK 305</i>                     | <b>3 credits</b> |
| <b>BMK 320</b><br><b><i>Consumer Behavior</i></b><br>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. <i>Prerequisite: BMK 305</i> | <b>3 credits</b> | <b>BMK 366</b><br><b><i>Entrepreneurship</i></b><br>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. <i>Prerequisites: BMK 305 and BBM 201</i> | <b>3 credits</b> |
| <b>BMK 321</b><br><b><i>Marketing Research</i></b><br>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. <i>Prerequisites: BMK 305 and MAT 301 or MAT 308</i>                                                                                             | <b>3 credits</b> | <b>BMK 407</b><br><b><i>Sports Marketing and Promotions</i></b><br>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. <b>Note:</b> 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.         | <b>3 credits</b> |
| <b>BMK 333</b><br><b><i>Services Marketing</i></b><br>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. <i>Prerequisite: BMK 305</i>                                              | <b>3 credits</b> | <b>BMK 413</b><br><b><i>Marketing Management</i></b><br>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. <i>Prerequisites: BMK 305, BMK 320, and BMK 321</i>                                                                            | <b>3 credits</b> |

**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 allows students to learn job-hunting and career-changing strategies. Students assess themselves as a “Product” (in terms of their skills, experiences, and education), and then decide how to best “Promote” themselves (via resume, interviews, online website), “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 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. *Prerequisite: BMK 305*

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## ***Communication Technology***

**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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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 capture, edit, and encode source materials to create streaming media projects. To create such projects, students will learn each step of digital video editing that encompasses the following processes: logging and capturing footage, three-point editing, trimming, motion effects, audio mixing, and finally, exporting digital file formats to a server. Additional topics of discussion include market research techniques, copyright issues, storyboarding, and scripting. *Prerequisite: TEC 101 and TEC 102*

|                                                                                                                                                                                                                                                                                                                                                          |                  |                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  |
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| <b>COM 310</b><br><i>Legal Aspects of Communication</i>                                                                                                                                                                                                                                                                                                  | <b>3 credits</b> | <b>COM 345</b><br><i>Field Journalism</i>                                                                                                                                                                                                                                                                                                                                                                                                  | <b>3 credits</b> |
| 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. |                  | This course is an introduction to the nature of news and its sources. Students will explore the principles of news gathering, news writing, and news editing for the new electronic media and photojournalism. <i>Prerequisites: TEC 101 and TEC 102</i>                                                                                                                                                                                   |                  |
| <b>COM 311</b><br><i>The Early History of Film</i>                                                                                                                                                                                                                                                                                                       | <b>3 credits</b> | <b>COM 350</b><br><i>Ethics in Journalism</i>                                                                                                                                                                                                                                                                                                                                                                                              | <b>3 credits</b> |
| 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.                                                                                                                                              |                  | 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.                                                   |                  |
| <b>COM 322</b><br><i>Aesthetics of Film</i>                                                                                                                                                                                                                                                                                                              | <b>3 credits</b> | <b>COM 360</b><br><i>Human Computer Interface Design</i>                                                                                                                                                                                                                                                                                                                                                                                   | <b>3 credits</b> |
| 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.                                         |                  | 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. <i>Prerequisites: DSN 210 and DSN 220</i>                                                                                                                                                                                                              |                  |
| <b>COM 331</b><br><i>Single Camera Video Production</i>                                                                                                                                                                                                                                                                                                  | <b>3 credits</b> | <b>COM 401</b><br><i>Producing the Documentary</i>                                                                                                                                                                                                                                                                                                                                                                                         | <b>3 credits</b> |
| 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. <i>Prerequisite: TEC 102</i>                                           |                  | 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. <i>Prerequisites: COM 245 and COM 331</i> |                  |
| <b>COM 335</b><br><i>Corporate Video Production</i>                                                                                                                                                                                                                                                                                                      | <b>3 credits</b> | <b>COM 412</b><br><i>Introduction to TV News Production</i>                                                                                                                                                                                                                                                                                                                                                                                | <b>3 credits</b> |
| 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. <i>Prerequisite: COM 331</i>                                          |                  | This course is designed to teach students how to direct and produce news programs. Students further enhance their skills through the creation, development, and execution of hands-on productions. In this course, each student will be responsible for producing two 10-minute news programs. <i>Prerequisites: COM 303 and COM 420/COM 422</i>                                                                                           |                  |
| <b>COM 344</b><br><i>Writing and Reporting for the News Media</i>                                                                                                                                                                                                                                                                                        | <b>3 credits</b> | <b>COM 413</b><br><i>Advanced TV News Production</i>                                                                                                                                                                                                                                                                                                                                                                                       | <b>3 credits</b> |
| 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. <i>Prerequisite: ENG 101</i>                             |                  | This course covers advanced theory and practice of video production, concentrating on television news and news type programming. Students will learn advanced shooting and editing techniques. Each student will produce one 20-minute newscast. <i>Prerequisites: COM 412</i>                                                                                                                                                             |                  |



**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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: TEC 101 and TEC 102*

**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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: Permission required*

**COM 487** **3 credits**  
*Senior Project C*

This course is designed as a directed workshop to allow teams of senior year students the opportunity to practice their specialization in a production environment. At the start of the group project, team(s) of students will agree on a realistic project in their main competency area(s) with their 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 Desktop Published pages, a proper use of color, typography, etc., using their own corporate style and logo.

**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. Students in the College of Technology wishing to complete their internship requirements should review procedures at <http://wilmu.edu/itac/internships>. *Prerequisite: Permission required*

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## ***Criminal Justice***

**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. *Prerequisite: 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 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*

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## ***Distance Learning Orientation***

**DIS 095** **0 credits**

***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. For more details go to: [www.wilmu.edu/distancelearning/dlorientation](http://www.wilmu.edu/distancelearning/dlorientation). *Note: only students who have completed the Admission process and received their WebCampus and Blackboard username will be able to complete the orientation.*

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## ***Digital Film-Making***

**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*  
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. *Prerequisite: DFM 350*

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## ***Drama***

**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. *Prerequisite: 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. *Prerequisite: 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.

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## ***Design***

**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.



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| <b>DSN 112</b> <span style="float: right;"><b>3 credits</b></span><br><i>Digital Drawing</i><br>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.                                                                                      | <b>DSN 230</b> <span style="float: right;"><b>3 credits</b></span><br><i>Graphic Design Applications</i><br>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.<br><i>Prerequisites: BCS 210</i>                                                                                                                                                                 |
| <b>DSN 120</b> <span style="float: right;"><b>3 credits</b></span><br><i>Desktop Publishing</i><br>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.                                                                             | <b>DSN 241</b> <span style="float: right;"><b>3 credits</b></span><br><i>Color Theory</i><br>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. <i>Prerequisites: DSN 110 or DSN 112</i>                                                                                                                                |
| <b>DSN 201</b> <span style="float: right;"><b>3 credits</b></span><br><i>Fundamentals of Motion Graphics</i><br>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. <i>Prerequisites: BCS 210, DSN 110/DSN 112, DSN 210</i>                                                        | <b>DSN 301</b> <span style="float: right;"><b>3 credits</b></span><br><i>Introduction to 3D</i><br>This course demonstrates the critical concepts of 3D time and space, and helps explain the principles of 3D modeling, animation, dynamics and rendering. <i>Prerequisites: DSN 201 and DSN 210</i><br><br><b>DSN 302</b> <span style="float: right;"><b>3 credits</b></span><br><i>3D Modeling Techniques</i><br>This course focuses on creating structures and objects in three dimensional space, working with polygons, planes, spheres, and hypernurb objects. <i>Prerequisites: DSN 201, DSN 210, DSN 301</i> |
| <b>DSN 210</b> <span style="float: right;"><b>3 credits</b></span><br><i>Digital Image Manipulation</i><br>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. <i>Prerequisite: BCS 210</i>                                                                                                                                                             | <b>DSN 303</b> <span style="float: right;"><b>3 credits</b></span><br><i>3D Texture, Rendering and Lighting Techniques</i><br>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. <i>Prerequisites: DSN 201, DSN 210, DSN 301</i>                                                                                                                                                                                             |
| <b>DSN 220</b> <span style="float: right;"><b>3 credits</b></span><br><i>Concept Development</i><br>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.<br><i>Prerequisite: DSN 210</i> | <b>DSN 308</b> <span style="float: right;"><b>3 credits</b></span><br><i>Illustration</i><br>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. *Prerequisite: 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.

**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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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 and DSN 230*

**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. *Prerequisite: 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. *Prerequisite: 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.

*Prerequisite: 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. *Prerequisite: permission required*

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## ***Early Childhood Education***

**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. *Prerequisite: 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 after, 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. *Prerequisite: 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. *Prerequisite: 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.*

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***Economics*****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. *Prerequisite: successful completion of math skills assessment or MAT 110*

**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. *Prerequisite: ECO 101 and MAT 101*

**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.

**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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: ECO 102*

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## ***Career and Technical Education***

**EDC 100** **0 credits**  
*E-folio*

This course is designed to provide access to the electronic portfolio that is required for all students in career and technical education programs who are beginning their coursework during the fall semester of 2009 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.

**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.

**EDC 401** **3 credits**  
*Career and Technical Education Instructional Technology*

This course focuses on technology selection that is specific to a teacher's particular career program. Course topics include word processing, spreadsheets, and desktop publishing, as well as diagnosis and evaluation of students. Students will be responsible for developing and selecting appropriate software for their particular subject area.

**EDC 402** **3 credits**  
*Career and Technical Education Advanced Curriculum Design*

This course focuses on curriculum design for vocational courses. Students will learn how to develop the sequence of teaching activities in vocational courses as well as the content that should be taught to be state-of-the-art for the workplace.

**EDC 403** **3 credits**  
*History and Regulations of Career and Technical Education*

This course addresses cultural and social issues associated with vocational education students. It will also address school organization, curriculum, guidance and student activity organizations, and legal issues associated with being a career program teacher. State and federal regulations for vocational funding will also be an integral part of this course.

**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 vocational-technical schools, community colleges, and four-year colleges. Job placement in community and school-based settings is also studied.

**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.

**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.

**EDC 407** **3 credits**  
*Career and Technical Student Organizations*

This course focuses on the history and importance of vocational and student organizations in the career and technical high schools. The course will focus on building student leadership skills, presentation skills, and specific technical skills appropriate to the specific career program. Instruction will also include preparing students for the state and national skills events.



**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.

**EDC 411****3 credits*****Methods of Teaching Career and Technical Education I***

This course 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.

**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.

**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.

**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 vocational-technical courses.

**EDC 420****6 credits*****Clinical Component for Career and Technical Education Teachers***

A major professional project will be required for graduation. An example of a major professional project would be to develop and implement an integration project to promote interdisciplinary learning within career and technical studies or infusing academic studies with career and technical education's emphasis on the application of theory to everyday problems. Other examples might be to rewrite the career program content to make it part of a career cluster or to develop an innovative exploratory program for students.

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## ***Education***

**EDU 102****0 credits*****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. *Prerequisite: 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, RDG 300 for Birth-Grade 2 majors, RDG 301 for K-6 majors, 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. *Prerequisite: BCS 205 or BCS 206*

### **EDU 402** **3 credits** *Integrated Methods to 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 to 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 to 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 to 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 201, MAT 202, and MAT 304; 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. *Prerequisite: 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.)

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## English

**ENG 095** **0 credits**  
*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. *Prerequisite: 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. *Prerequisite: 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”). *Prerequisite: A score of 72 or higher in the English Skills Assessment, or successful completion of ENG 095.*

### **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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: ENG 102*

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## **Educational Psychology**

### **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. *Prerequisite: 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. *Prerequisite: PSY 333*

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## Finance

**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.

**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.

**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.

**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.

**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. *Prerequisite: BAC 102*

**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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: FIN 306*

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## French

**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.

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## German

**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.

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## General Studies

**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)*

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## History

**HIS 201** **3 credits**  
*United States History I*

This course examines the evolution of political and social movements in the pre-industrial United States, including colonial experiences. It considers the Federal achievements, the Jeffersonian period, the age of Jackson, the antebellum period, the Civil War, and Reconstruction.

**HIS 202** **3 credits**  
*United States History II*

This course covers the cultural, economic, political, and social developments in the United States from Reconstruction to the present time.

**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 artistic trends and how developing technologies have influenced creative work through 19th and 20th century Europe and America. The course focuses on the relationship between design and art and also on 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 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.

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## ***Human Resource Management***

### **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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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.

*Prerequisite: 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.

*Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: HRM 311*

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## Humanities

**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 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 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.

**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. *Prerequisite: ENG 102*

**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. *Prerequisites: Students must be 21 years of age*

**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. *Prerequisites: Students must be 21 years of age*

**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.

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## ***Information Resource Management***

**IRM 100** **3 credits*****Fundamentals of Information Systems***

This course provides an introduction to systems and development concepts, information technology, and application software. It explains how information is used in organizations and how IT enables improvement in quality, timeliness, and competitive advantage. *Prerequisite: BCS 206 or equivalent*

**IRM 200** **3 credits*****Information Systems Theory and Practice***

This course provides an understanding of organizational systems, planning, and decision processes and how information is used for decision support in organizations. It covers quality and decision theory, information theory, and practice essential for providing viable information to the organization. Also outlined are the concepts of IS for competitive advantage, data as a resource, IS and IT planning and implementation, Total Quality Management (TQM) and reengineering, project

management and development of systems, and end-user computing.

### **IRM 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. *Prerequisite: BCS 206 or equivalent*

### **IRM 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. *Prerequisite: IRM 100*

### **IRM 310**

**3 credits**

#### ***Programming, Data, File, and Object Structure***

This course provides an understanding of algorithm development, programming, computer concepts, and the design and application of data and file structures. It includes an understanding of the logical and physical structures of both programs and data. *Prerequisite: BCS 206 or equivalent*

### **IRM 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. *Prerequisite: BCS 206*

### **IRM 330**

**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. *Prerequisite: IRM 230 or permission of the program coordinator*

### **IRM 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. *Prerequisite: BCS 206 or equivalent*

### **IRM 400**

**3 credits**

#### ***Analysis and Logical 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. *Prerequisite: BCS 206*

### **IRM 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. *Prerequisite: BCS 206*

**IRM 420** **3 credits*****Physical Design and Implementation with a Programming Environment***

Physical design, programming, testing, and implementation of the system are covered in this course. A major focus is implementation of object-oriented, client-server designs using a programming environment. *Prerequisite: IRM 400*

**IRM 430** **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. *Prerequisite: IRM 320; Note: This course replaces TEC 430.*

**IRM 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 is a capstone course which includes elements of BBM 402, by incorporating such functional areas as finance, marketing, and production in the project. *Prerequisite: IRM 400; Corequisite: IRM 420*

**IRM 460** **3 credits*****Topics in IRM***

This course surveys contemporary subjects and current events pertaining to Information Resource Management. *Prerequisite: Approval from Program Coordinator*

**IRM 490** **6 credits variable*****Information Resource Management Internship***

Students in the final year of the program who have completed the bulk of the program requirements will be offered the option, as an elective, to receive academic credit of up to six credit hours for a supervised field experience. *Prerequisite: Approval from Program Coordinator*

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## ***Legal Studies***

**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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: LES 316*

**LES 416** **3 credits**  
*Environmental Law*

This course surveys the major federal statutes 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: Completion of all Legal Studies core courses and senior status*



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## Literature

### 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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 Conan 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. *Prerequisite: ENG 102*

### LIT 354 3 credits

#### *Women 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: ENG 102*

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## Mathematics

**MAT 095** **0 credits**  
*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. *Prerequisite: 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. *Prerequisite: 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"). *Prerequisite: Passing score in the Computational Skills portion of the Math Skills Assessment or successful completion of MAT 095*

**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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: MAT 202 (Please note: minimum passing grade is a "C")*

**MAT 306** **3 credits**  
*Quantitative Tools in Business and Management*

This course examines the various quantitative methods used to enhance decision making. Topics covered include regression analysis, linear programming, statistical estimation, hypothesis testing, and forecasting with emphasis on applications to business and management problems. *Prerequisite: MAT 301*

**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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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*

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## **Management Information Systems**

**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. *Prerequisite: BCS 206*

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## **Army—Military Science**

**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** **1-3 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.)



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| <b>MLS 206</b><br><i>Basic Leadership II</i><br>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.)                                                                                                                                                                                                                                                                                                       | <b>1 credit</b>    | <b>MLS 306</b><br><i>Applied Leadership II</i><br>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.) <i>Prerequisite: MLS 305</i>                                                     | <b>2 credits</b>   |
| <b>MLS 215</b><br><i>Leadership Development</i><br>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.)                                                                                                           | <b>4 credits</b>   | <b>MLS 315</b><br><i>Leader Evaluation</i><br>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.) <i>Prerequisites: MLS 305 and MLS 306</i>                                                                                                                                           | <b>4 credits</b>   |
| <b>MLS 266</b><br><i>Special Problem</i><br>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.)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | <b>1-3 credits</b> | <b>MLS 365</b><br><i>Military History Studies</i><br>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.)                                                                                                                                                                                                                                                                                                                                                                          | <b>3 credits</b>   |
| <b>MLS 305</b><br><i>Applied Leadership I</i><br>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.) | <b>2 credits</b>   | <b>MLS 366</b><br><i>Independent Study</i><br>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.)                                                                                                                                                                                                                                                                                                                                                                                       | <b>1-3 credits</b> |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |                    | <b>MLS 405</b><br><i>Advanced Leadership</i><br>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.) <i>Prerequisites: MLS 305 and MLS 306</i> | <b>2 credits</b>   |



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**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.) *Prerequisite: MLS 405*

**MLS 466** **1-3 credits*****Independent Study***

See course descriptions for MLS 405 or MLS 4306. 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.)

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***Money Management*****MNY 300** **3 credits**

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.

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***Music*****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.

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***Nursing*****NUR 303** **4 credits*****Nurse as Professional***

This course provides a basis for role transition of the registered nurse as 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. *Prerequisite: 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. *Prerequisite: 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, or peers. *Prerequisite: 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. *Prerequisite: 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** **1-2 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** **1-3 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. *Prerequisite: 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, 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. *Prerequisites: NUR 303 or NUR 305, NUR 323, NUR 410 or NUR 413, and NUR 420 or NUR 423, 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.

**HLT 301-379** **3 credits*****Health Electives***

Health (HLT) courses count as nursing electives. The reason for the HLT prefix is to encourage non-nurses to participate in the courses, as the information is vital for everyone.

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## ***Organizational Dynamics***

**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*

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## *Philosophy*

**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. *Prerequisite: 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.

**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. *Prerequisite: ENG 102*

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## *Political Science*

**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.



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| <b>POL 326</b><br><i>Public Policy and Social Issues</i>                                                                                                                                                                                                                                                                                                                                                              | <b>3 credits</b> | <b>POL 380</b><br><i>Health Care Policy</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | <b>3 credits</b> |
| 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. <i>Prerequisites: POL 300 or LES 316</i>                                                           |                  | 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. <i>Prerequisite(s): POL 326 and ENG 102</i>                                                                                                                                                                                                                                                                                                                                                                                       |                  |
| <b>POL 331</b><br><i>Foreign Policy and Social Issues</i>                                                                                                                                                                                                                                                                                                                                                             | <b>3 credits</b> | <b>POL 402</b><br><i>Analysis of Public Policy</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>3 credits</b> |
| This course examines changes in Europe, Africa, Asia, Latin America, and the Middle East from the twentieth century to the present. This course also studies global societal problems and issues from ideological, historical, theoretical, and practical perspectives.                                                                                                                                               |                  | 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." <i>Prerequisite: POL 326 and junior or senior status</i> |                  |
| <b>POL 340</b><br><i>Criminal Justice Policy</i>                                                                                                                                                                                                                                                                                                                                                                      | <b>3 credits</b> | <b>POL 403</b><br><i>Writing for Public Policy</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | <b>3 credits</b> |
| 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. <i>Prerequisites: POL 326 and ENG 102</i>                                                                                               |                  | 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. <i>Prerequisite: POL 402</i>                                                                                                                                                                                                                                                                                                                                                                          |                  |
| <b>POL 350</b><br><i>Economic, Welfare and Income Policy</i>                                                                                                                                                                                                                                                                                                                                                          | <b>3 credits</b> | <b>POL 490</b><br><i>Public Policy Internship</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | <b>3 credits</b> |
| 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. <i>Prerequisite(s): POL 326 and ENG 102</i>                                                                                                         |                  | This course consists of supervised, practical work experience in a government office, nonprofit organization, or another appropriate entity. <i>Prerequisite: Senior status</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                  |
| <b>POL 360</b><br><i>Education Policy</i>                                                                                                                                                                                                                                                                                                                                                                             | <b>3 credits</b> | <hr/>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |
| 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. <i>Prerequisite(s): POL 326 and ENG 102</i>                                                                                                                      |                  | <b>Psychology</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                  |
| <b>POL 370</b><br><i>Energy and Environmental Policy</i>                                                                                                                                                                                                                                                                                                                                                              | <b>3 credits</b> | <b>PSY 101</b><br><i>Introduction to Psychology</i>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        | <b>3 credits</b> |
| 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. <i>Prerequisite(s): POL 326 and ENG 102</i> |                  | 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                  |



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| <p><b>PSY 201</b> <span style="float: right;"><b>3 credits</b></span><br/> <b><i>Child Growth and Development</i></b><br/> 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. <i>Prerequisite/Co-requisite: PSY 101 (except for K-6 and 6-8 education programs)</i></p>                                                                                                                                              | <p>altruism, and moral behavior is studied. <i>Prerequisite: PSY 101</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <p><b>PSY 204</b> <span style="float: right;"><b>3 credits</b></span><br/> <b><i>Life Span Development</i></b><br/> 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. <i>Prerequisite: PSY 101</i></p>                                                                                                                                                                                                             | <p><b>PSY 301</b> <span style="float: right;"><b>3 credits</b></span><br/> <b><i>Social Psychology</i></b><br/> 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. <i>Prerequisites: PSY 101 and SOC 101</i></p>                                                                                                                                                                                                                                                                                                                    |
| <p><b>PSY 215</b> <span style="float: right;"><b>3 credits</b></span><br/> <b><i>The Family: Effect on Development</i></b><br/> 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.</p>                                                                                                                                                                                                                                                                                                                                        | <p><b>PSY 302</b> <span style="float: right;"><b>3 credits</b></span><br/> <b><i>Organizational and Industrial Psychology</i></b><br/> 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. <i>Prerequisite: PSY 101</i></p>                                                                                                                                                                                                                             |
| <p><b>PSY 280</b> <span style="float: right;"><b>3 credits</b></span><br/> <b><i>Problem Solving</i></b><br/> 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. <i>Prerequisite: PSY 101</i></p>                                                                                                                                                                                                                                                                                                           | <p><b>PSY 303</b> <span style="float: right;"><b>3 credits</b></span><br/> <b><i>History of Psychology</i></b><br/> 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. <i>Prerequisite: PSY 101</i></p>                                                                                                                                                                                                                                                                                                                                                                                     |
| <p><b>PSY 290-291</b> <span style="float: right;"><b>1 credit</b></span><br/> <b><i>Guided Practicum in Behavioral Science and Psychology</i></b><br/> 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. <i>Prerequisites: PSY 101 and SOC 101 and freshman or sophomore status</i></p> | <p><b>PSY 305</b> <span style="float: right;"><b>3 credits</b></span><br/> <b><i>Abnormal Psychology</i></b><br/> 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. <i>Prerequisite: PSY 101</i></p>                                                                                                                                                                                                     |
| <p><b>PSY 300</b> <span style="float: right;"><b>3 credits</b></span><br/> <b><i>Theories of Personality</i></b><br/> 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,</p>                                                                                                                                                                                                                                                                                                                                                                                                   | <p><b>PSY 306</b> <span style="float: right;"><b>3 credits</b></span><br/> <b><i>Behavior Modification</i></b><br/> 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. <i>Prerequisite: PSY 101</i></p> <p><b>PSY 309</b> <span style="float: right;"><b>3 credits</b></span><br/> <b><i>Interpersonal Communication Skills</i></b><br/> 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. <i>Prerequisite: PSY 101</i></p> |

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| <p><b>PSY 310</b><br/> <b><i>Community Psychology</i></b><br/> 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. <i>Prerequisite: PSY 101</i></p>                                                                                                                                                                                                    | <p><b>3 credits</b></p> | <p><b>PSY 330</b><br/> <b><i>Infant and Toddler Development</i></b><br/> 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.</p>                                                                                                                                                                                                                                                                                     | <p><b>3 credits</b></p> |
| <p><b>PSY 314</b><br/> <b><i>Psychology of Human Potential</i></b><br/> 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. <i>Prerequisite: PSY 101</i></p>                                                                                                                                                    | <p><b>3 credits</b></p> | <p><b>PSY 331</b><br/> <b><i>Middle Childhood Development</i></b><br/> 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.</p>                                                                                                                                                                                                                                                                                                                                                                                                | <p><b>3 credits</b></p> |
| <p><b>PSY 315</b><br/> <b><i>Group Dynamics</i></b><br/> 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. <i>Prerequisite: PSY 101</i></p>                                                                                                                                                                                                                            | <p><b>3 credits</b></p> | <p><b>PSY 332</b><br/> <b><i>Adolescent Development</i></b><br/> 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.</p>                                                                                                                                                                                                                                                                                                                 | <p><b>3 credits</b></p> |
| <p><b>PSY 316</b><br/> <b><i>Stress Management</i></b><br/> 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. <i>Prerequisite: PSY 101</i></p>                                                                                                                                                                      | <p><b>3 credits</b></p> | <p><b>PSY 333</b><br/> <b><i>Psychology of the Exceptional Child</i></b><br/> 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.</p>                                                                                                                                                                                                                                                                              | <p><b>3 credits</b></p> |
| <p><b>PSY 319</b><br/> <b><i>Family Systems</i></b><br/> This course focuses on how families function as a system; aspects of assessment and treatment are also considered. <i>Prerequisite: PSY 101</i></p>                                                                                                                                                                                                                                                                                                                                                                               | <p><b>3 credits</b></p> | <p><b>PSY 334</b><br/> <b><i>The Biological Basis of Behavior</i></b><br/> 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. <i>Prerequisites: PSY 101 and SCI 335</i></p> | <p><b>3 credits</b></p> |
| <p><b>PSY 322</b><br/> <b><i>Wellness in the Workplace</i></b><br/> 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. <i>Prerequisite: PSY 101</i></p> | <p><b>3 credits</b></p> | <p><b>PSY 351</b><br/> <b><i>Learning and Cognition</i></b><br/> 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. <i>Prerequisite: PSY 101</i></p>                                                                                                                                                                                                                                                                  | <p><b>3 credits</b></p> |

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| <p><b>PSY 352</b> <span style="float: right;"><b>3 credits</b></span><br/> <b>Human Sexuality</b><br/> 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. <i>Prerequisite: PSY 101</i></p>                                                                                                                                                                                                                                                                                                 | <p>custody disputes, discrimination, sexual harassment, and death penalty cases. <i>Prerequisite: PSY 101</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
| <p><b>PSY 353</b> <span style="float: right;"><b>3 credits</b></span><br/> <b>Sports Psychology</b><br/> 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. <i>Prerequisite: PSY 101</i></p>                                                                                                                                                                                                                                                                             | <p><b>PSY 390-394</b> <span style="float: right;"><b>3 credits</b></span><br/> <b>Independent Study in Behavioral Science</b><br/> Through independent study, the student is offered the opportunity to pursue individual special interests under supervision. This course is graded pass/fail. <i>Prerequisites: PSY 101 and GPA of 2.5</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| <p><b>PSY 354</b> <span style="float: right;"><b>3 credits</b></span><br/> <b>Psychology of Sports Injuries</b><br/> This course focuses on the role the mind plays from the moment an athletic injury is sustained until the time the athlete completes rehabilitation and is back playing the sport.</p>                                                                                                                                                                                                                                                                                                                                                                                       | <p><b>PSY 401</b> <span style="float: right;"><b>3 credits</b></span><br/> <b>Adult Development and Aging</b><br/> 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. <i>Prerequisite: PSY 101</i></p>                                                                                                                                                                                                                                                                                                                                                                                     |
| <p><b>PSY 363</b> <span style="float: right;"><b>3 credits</b></span><br/> <b>Psychology of Language</b><br/> 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. <i>Prerequisites: PSY 101, ENG 102, and ENG 111</i></p>                                                                                                                            | <p><b>PSY 403</b> <span style="float: right;"><b>3 credits</b></span><br/> <b>Counseling Process: Techniques and Applications</b><br/> This course is an introduction to current theory about psychological counseling. Theories covered include cognitive approaches, behavior modification, psychoanalytic approaches, existential therapy, and others. <i>Prerequisite: PSY 101</i></p>                                                                                                                                                                                                                                                                                                                                                                                                           |
| <p><b>PSY 364</b> <span style="float: right;"><b>3 credits</b></span><br/> <b>Disability Issues</b><br/> 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. <i>Prerequisite: PSY 101</i></p>                                                                                                                                                                                                                                                                            | <p><b>PSY 406</b> <span style="float: right;"><b>3 credits</b></span><br/> <b>Tests and Measurements</b><br/> This course is a study of the construction and evaluation of standardized tests for psychological, educational, and industrial applications. <i>Prerequisites: PSY 101, SOC 331</i></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <p><b>PSY 375</b> <span style="float: right;"><b>3 credits</b></span><br/> <b>Forensic Psychology</b><br/> 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</p> | <p><b>PSY 407</b> <span style="float: right;"><b>3 credits</b></span><br/> <b>Psychology of Learning</b><br/> This course is a study of the psychological principles underlying learning and teaching. Learning theories and their application to behavioral changes are also explored. <i>Prerequisite: PSY 101</i></p> <p><b>PSY 408</b> <span style="float: right;"><b>3 credits</b></span><br/> <b>Seminar in Behavioral Science</b><br/> 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. <i>Prerequisites: SOC 340 and senior status</i></p> |
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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 463** **3 credits**  
*Topics in Behavioral Science: Addictive Behavior*

This course will explore the use and abuse of drugs and other substances in American society, including basic concepts such as addiction, tolerance, withdrawal, and diagnosis. Topics include contemporary patterns of drug use, the causes of addictive behavior, physiological complications, and treatment/support resources.

**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. *Prerequisite: 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 the 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*

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## *Reading (Education)*

**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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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*

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## **Science**

**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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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.

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## *Self-Directed Learning*

**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.

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## *Security*

**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 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 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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 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. *Prerequisite: 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. *Prerequisite: Permission of the Program Coordinator*

**SEC 490-494** **6 credits variable**  
*Information Resource Management 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. *Prerequisite: Permission of the Program Coordinator*

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## **Sociology**

**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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: PSY 101 or 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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, ENG 101, ENG 102, Blackboard Literacy and Wilmington University e-mail address*
- 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. *Prerequisite: 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: SOC 331 and senior status*
- 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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 490-494*****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*

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***Spanish*****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. *Prerequisite: SPA 101*

**SPA 301** **3 credits*****Practical Spanish I***

This course emphasizes vocabulary building with a focus on the development of conversational skills used in the daily life of the American-Hispanic community, including the future and conditional verb forms. The course is especially useful for police officers, social workers, teachers, and clerical personnel in business establishments who have regular contact with individuals from the Hispanic community.

**SPA 302** **3 credits*****Practical Spanish II***

This is a continuation of SPA 301. Emphasis is on a variety of conversational settings, both in the U.S. and in Hispanic countries. The subjunctive form of the verb is introduced. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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*

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## *Sports Management*

**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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: SPM 490*

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## ***Systems Software Development***

**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. *Prerequisite: BCS 206 or equivalent*

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## ***Technology***

**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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: TEC 215*

**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*

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## *Web Information Systems*

**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  
*Prerequisite: BCS 206*

**WIS 120** **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. *Prerequisite: WIS 100 (or DSN 320 for Design majors only) or permission of program coordinator*

**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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: WIS 120, 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. *Prerequisite: WIS 220*

**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. *Prerequisite: WIS 300*

**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. *Prerequisite: 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. *Prerequisite: WIS 120*

**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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: 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. *Prerequisite: Permission of the Program Coordinator*



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| Assistant Vice President .....                                           | Angela C. Suchanic, Ed.D.               |
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| Assistant Vice President .....                                           | Peter A. Bailey, D.B.A.                 |
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