



WILMINGTON COLLEGE

Undergraduate Catalog

2004–2005

WELCOME TO WILMINGTON COLLEGE

Wilmington College is a private, non-sectarian college which offers both undergraduate and graduate degree programs in a wide range of instructional areas. The College began with a charter class of 194 students in 1968 and has grown to serve a student body of approximately 9,000 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.

Wilmington College'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; North Dover; the William A. Carter Partnership Center in Georgetown, Delaware; and the College Information Center in Rehoboth Beach, Delaware.

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

The College Mission

Wilmington College 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 College 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 College'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

Throughout our lives we are confronted with choices. Some of those choices are easy to make and of little consequence one way or another. Some, however, are quite difficult and the consequences are enormous. Choosing a college is one of those choices. Whether you are a recent high school graduate, a working adult beginning or returning to college, or a professional seeking an advanced degree, Wilmington College has a place for you. Our student body is comprised of individuals from widely diverse backgrounds who bring varied interests and goals with them in pursuit of a dream.

We are 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 college 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.



Dr. Audrey K. Doberstein
President

Accreditation

Wilmington College is accredited by the Commission on Higher Education of the Middle States Association of Colleges and Schools, 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 College programs have been approved for training of eligible veterans and international students.

Nondiscrimination Policy

It is the policy of Wilmington College 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 College actively supports the rights of students with disabilities to have equal access to education. Wilmington College 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.

College Sites

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

College Information Center (302) 227-6295
41 Rehoboth Avenue FAX: (302) 227-6705
Rehoboth Beach, DE 19971-2119

Dover Air Force Base (302) 674-8726
436 MSS/DPE FAX: (302) 674-5034
639 Evreux Street
Room 215
Dover Air Force Base, DE 19902-6639

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

New Castle (302) 328-9407
Office of Admissions FAX: (302) 328-5902
320 DuPont Highway
New Castle, DE 19720-6491

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

Wilson Graduate Center (302) 655-5400
31 Read's Way FAX: (302) 655-7360
New Castle, DE 19720

For additional information about Wilmington College, please visit our world-wide-web site at **www.wilmcoll.edu**.

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UNDERGRADUATE ADMISSION



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

The College 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 a General Educational Development (GED) program.

Application Procedures

An application packet may be obtained by mail, phone, or in person from the Admissions Office or at any of the site offices throughout the state. The application may also be requested via the Wilmington College home page address: <http://www.wilmcoll.edu>. Applicants need to complete the following steps:

1. Send a completed application with the required fee of \$25.
2. Contact all previously attended post-secondary institutions to send official transcripts directly to the site of admission. Students with fewer than 15 transfer credits are required to submit an official high school transcript or GED to the site of admission.
3. Arrange an interview with an admissions representative at the chosen site of attendance.
4. Take the mathematics and English placement evaluations at a convenient time, preferably before registering for class.

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 College and cannot be returned to the student.

The Admissions Decision

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

Transfer Student Admission

Students wishing to transfer to Wilmington College are required to submit official copies of all previous college transcripts to the Admissions Office. Transcripts should be sent directly to the Wilmington College Admissions Office in a sealed envelope from the transfer institution bearing the seal of the institution's Registrar.

Wilmington College accepts for transfer a maximum of 75 hours towards a bachelor's degree and 30 hours towards an associate degree. Different contractual agreements apply at Dover Air Force Base. All credits must be from an accredited institution, 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 College.

Veteran Admission

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

International Student Admission

In addition to the standard admissions procedures, international students must submit the following information required by the U.S. Immigration and Naturalization Service:

1. Translated international credentials reviewed by an accredited U. S. credential translation agency. If you are not aware of such an agency, please call the Admissions Office for a referral.
2. Minimum TOEFL scores of 173 on the computer-based version or the successful completion of 12 credit hours from an accredited American institution.
3. Evidence of financial ability to pay the costs of education. Certified financial statements are required.

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.

Financial Aid

Financial aid is available to those who qualify. Essentially, when educational expenses are greater than family resources as federally defined, a student is in need of financial aid. Since the primary responsibility for financing a college education rests with parents and students, financial aid is provided to supplement the total family contribution and is awarded on the basis of demonstrated financial need.

Federally Funded Support

Federally funded support includes:

- The Federal Pell Grant
- The Federal Supplemental Educational Opportunity Grant (SEOG)
- The Federal College Work-Study Program (CWS)
- The Federal Stafford Loans
- The Federal Family Parent Loans

These funds include allowance for tuition and fees, books and supplies, transportation, modest living expenses, and dependency expenses. Interested students should consult the Office of Financial Aid for changes in federal policies when applying for admission. Detailed information on these programs is available to all students in the Wilmington College Guide to Financial Aid.

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 Delaware Higher Education, who determines eligibility and makes awards.

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

Wilmington College Institutional Scholarships

As a result of gifts to the College, 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 College. Scholarship awards vary from a minimum of \$200 to a maximum of \$500 per academic year.

A student must have a grade point average (GPA) of 3.25 or higher to qualify for consideration for an academic scholarship.

Athletic Scholarships

Partial scholarships may be awarded to students who show exceptional athletic ability. The athletic director, the coaching staff of each sport, and the Director of Financial Aid determine the amount of scholarship. Recipients must be academically qualified and must conform to the NCAA requirements and conditions.

Determination for Financial Aid

Those who desire financial assistance under the Federal Pell, Federal SEOG, Federal CWS, or state and/or institutional scholarships must submit a Federal Financial Aid application to the appropriate processing service.

Application forms are usually available as early as January 1st preceding the academic year for which the student is applying. Financial aid applicants should also complete an admissions application, as no funds can be awarded until the applicant has been officially accepted to the College.

Wilmington College encourages students to submit their form well in advance of the registration period for the term in which they plan to enter. Applications are generally processed on an ongoing basis and are considered as long as funds are available. Those who submit their applications late may have a smaller percentage of their need met than those who apply early.

Application Procedures for Financial Aid

1. Wilmington College accepts a needs analysis determined through the federal aid application. The web address is: www.fafsa.ed.gov. You may also obtain student aid applications and/or forms from the Office of Financial Aid at Wilmington College.
2. Complete all forms according to instructions and return them to the appropriate addresses listed in the instructions.
3. The Master Promissory Note (MPN) goes to the Office of Financial Aid at Wilmington College along with the "Request for Funds" form. The MPN is then forwarded to the lending institution. The applicant will be notified by the lending institution (bank, credit union, savings and loan association, etc.) concerning the loan approval.

4. The applicant receives an award letter from the College listing the types and amount of aid that will be available to him/her.
5. The applicant must be fully admitted and maintain a minimum of six credits per semester.

Renewal of Award Process

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

Student Refund and Withdrawal Policy

Wilmington College refund and withdrawal policies are published in the Wilmington College Guide to Financial Assistance which is available to all Wilmington College applicants and enrolled students. Please contact the Wilmington College Office of Admissions and Financial Aid for copies of the guide.

College Policies Regarding Substance Abuse

Wilmington College policies regarding substance abuse are detailed in the Wilmington College Student Handbook that is distributed to all students and on the Wilmington College home page address at <http://www.wilmcoll.edu>.

Wilmington College Guide to Financial Assistance

The guide is a comprehensive booklet which lists policies, procedures, and regulatory requirements; it is available to all students. Satisfactory academic progress requirements for maintenance of financial aid eligibility are outlined in the guide. Please contact the Office of Admissions or the Financial Aid Office for a copy of this publication.



STUDENT SERVICES



Academic Advising Services

The Academic Advising Center offers all students support services regarding academic development. The office provides academic advisement, schedule planning, and transfer credit evaluation. Students in the Division of Education are also assigned a faculty advisor to complement Academic Advising and further explain the intricacies of the education requirements.

College Library

The Wilmington College Library serves all students regardless of program site. Located in the Robert C. and Dorothy M. Peoples Library Building on the New Castle campus, the library holds a collection of over 196,000 volumes and subscribes to over 450 periodicals in print with access to over 10,000 titles electronically. The library features state-of-the-art technologies, including online catalog, e-books, electronic databases, and the Internet, which allow students and faculty from all sites to access and retrieve information resources in a variety of formats. The library maintains a toll-free telephone reference service to assist users from all program locations. Students living out-of-state or in Kent or Sussex counties in Delaware may use a books-by-mail service with prepaid two-way postage provided on materials sent directly to the home residence. In addition, two academic libraries in Delaware are providers of information and services to Wilmington College students: Delaware State University, Dover, and Delaware Technical and Community College, Owens campus, Georgetown.

Information about the library can be found on the Wilmington College website at: www.wilmcoll.edu/library/.

Facilities for the Handicapped

Most of the College's facilities are wheelchair accessible. For further information, please contact the Office of Student Affairs.

Housing

Wilmington College does not provide on-campus housing for students. However, the College provides a listing of housing accommodations in the community to meet the needs of students who require 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

Under the direction of the Vice President of Student Affairs, the Office of Student Affairs is responsible for planning, coordinating, developing, and implementing all student activities. Student activities at Wilmington College enhance the educational process.

The Student Government Association and other organizations sponsor cultural and social affairs throughout the year. The College sponsors additional extracurricular events and group activities. Any member of the student body may request any type of activity through the Student Government Association.

Athletics

Wilmington College is a member of the National Collegiate Athletic Association (NCAA), the Central Atlantic Collegiate Conference (CACC), and the Eastern Collegiate Athletic Conference (ECAC). The College fields intercollegiate basketball, baseball, soccer, golf, and cross-country for men; and basketball, softball, volleyball, soccer, lacrosse, 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 College experience. Wilmington College 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, Wildcat Cheerleaders, honor societies, departmental clubs, and non-varsity athletic events.

The College requires all official organizations to identify their goals and objectives to ensure they are compatible with the philosophy and regulations of the College. Procedures for organizing student clubs are outlined in the Student Government Association by-laws, available in the Office of Student Affairs.

The Alumni Association

The Wilmington College Alumni Association was founded with the first graduating class of 150 students in 1972 to strengthen and promote the growth of the College.

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

An alumni representative is elected to the College's Board of Trustees and participates in College governance. The Association is comprised of undergraduate and graduate alumni.

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

Guest Speakers

Wilmington College and participating campus organizations sponsor guest speakers on a wide range of subjects. The College is eager to have a variety of points of view expressed and to have the best available representatives of each point of view. The College 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. Policy pertaining to guest speakers and entertainment can be obtained in the Office of Student Affairs.



ACADEMIC INFORMATION AND PROCEDURES

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

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 College will make such records available within 30 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 College will notify the student in writing of the decision regarding amendment of the record.

Right to consent to disclosure:

The College may disclose the following directory information unless the student or parent of a dependent student makes a written request to withhold information: name, address (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 College 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 (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 College 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 College 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: <http://www.wilmcoll.edu/studentlife/privacy.html>.

Academic Policies

Complete copies of Wilmington College academic policies are located in the Division and site offices, Admissions Office, and the Office of the Registrar and are available to any registered or prospective student upon request. These policies contain detailed explanations of academic probation, Dean's List, transfer credit policy, etc., as well as definitions for terms used in the maintenance of a student's academic record. Some frequently used policies are outlined below.

Change of Policy

Wilmington College 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.

Student Conduct

Wilmington College 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 College, which are communicated in the College Student Handbook. Copies of the handbook are available in the Office of Student Affairs.

Registration

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

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 Financial Aid Office to determine potential consequences of any change in course credit load.

"I" Grade for Incomplete Work

An "incomplete" may be granted with prior approval of the course instructor. The student must complete course work within 60 days following the end of the grading period for 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.

Course Withdrawal

Students may withdraw from a course without academic penalty prior to the course withdrawal deadline stated in the College 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."

Wilmington College 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 Billing Office for appropriate consideration.

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."

Attendance/Absences

Regular and prompt class attendance is an essential part of the educational experience. Wilmington College 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 College-sponsored or work-related activities, illness, or valid emergencies.

College and Academic Calendar Year

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

Course Numbering System

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

Undergraduate Courses

000-099	Non-credit courses
101-199	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

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 Division Chair 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 Division Chair. 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.

Policy for Residency Requirements and Transfer Credit

Residency is defined as those courses completed at Wilmington College. The College will maintain a 45-credit hour residency requirement for a bachelor's degree and a 30-credit-hour residency requirement for an associate degree. All baccalaureate degree programs require a minimum 120 credits, of which 45 credits must be upper division level course work. The maximum credit allowed for transfer from other accredited institutions is 75 credit hours for a bachelor's degree and 30 credit hours for an associate degree with a grade of "C" or better. A maximum of 6 credit hours may be transferred into a certificate program, which requires 30 or more credit hours.

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 manager. 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.).

Pass/Fail Option

Permission may be sought to enroll on a pass/fail basis by meeting with an academic advisor or site manager prior to registration for courses considered electives in a student's program (up to a maximum of two courses beyond the 15 credit hours currently 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).

Competency-Based Evaluation

The College allows students to obtain academic credit for learning that has taken place outside the classroom. Wilmington College accepts a maximum of 15 credit hours through competency-based evaluation. Competency-based evaluation involves presenting evidence of non-classroom learning experience for academic credit consideration. Following the establishment of an academic contract, the student prepares a 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 thorough understanding of the subject. A competency-based evaluation applies to knowledge obtained through work experience (military or civilian), in-service training programs, volunteer activities, workshops, and/or personal study. Students interested in the competency-based program should contact an academic advisor or site manager.

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. Students interested in challenge by examination may contact an academic advisor or site manager.

Wilmington College accepts a maximum of 15 credit hours through challenge by examination. Students interested in the option should inquire with an academic advisor or site manager for details. Tuition and fees are the same as standard course tuition.

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 manager one month (minimum) prior to the semester advanced registration period in which the independent study is to be conducted. Upon final approval by the Division Chair, 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 manager.

Directed Study

Directed study is available only under extenuating circumstances for students who are approved by their program Division Chair. A minimum 2.5 cumulative grade point average is required to be eligible for directed study.

Internship/Field Placements

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

Written permission must be obtained from an academic advisor or site manager 60 days prior to the semester registration period in which the placement is to occur. Upon approval by the Division Chair, 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.

College-Level Examination Program (CLEP)

The College Level Examination Program is a national testing system that offers two types of examinations: the general examination and the subject examination. The program is administered by the College Examination Board of Princeton, New Jersey.

The general exam measures achievement in the liberal arts: English composition, humanities, natural sciences, mathematics, social science, and history. The subject exam measures achievement in specific college courses. For credit in English, Wilmington College requires a student to complete the English Composition examination with essay and accepts a maximum of six credit hours toward a particular subject area for each exam that is successfully completed.

The College Entrance Examination Board, an independent agency, charges a fee for test administration. Wilmington College does not charge students for transferring these credits. Students who are interested in CLEP exams should contact an academic advisor or site manager for further information.



ACT Proficiency Examination Program

Wilmington College grants academic credit for successful completion of the American College Testing (ACT) Proficiency Examination Program. The examinations are similar to the CLEP subject examinations.

Information concerning the examinations and associated fees can be obtained by writing to: ACT Assessment, 2101 W. Dodge St., P.O. Box 168, Iowa City, IA 52243.

Other Credits Through Examination

Credit may be awarded for successful completion of examinations formerly offered by the United States Armed Forces Institute (USAFI), College General Education Development (CGED) test, and current examinations offered by Defense Activity for Non-Traditional Education Support (DANTES) and the Advanced Placement Program (APP).

Air Force and Army ROTC

Wilmington College has a cross-enrollment agreement program with the Air Force and Army ROTC Departments of the University of Delaware. Students who are interested in pursuing such a program can obtain information on ROTC courses from the Wilmington College Academic Advising Office.

Library Orientation

A basic library orientation project is required of all new undergraduate students as part of ENG 101 (English Composition I). An advanced library orientation should be completed by all undergraduate students as part of a course in the student's major program.

Grading System

Wilmington College 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 of "C-" 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 College.

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" and "FA" are used in computing the grade point average. Courses with grades of "F" and "FA" are counted in attempted credit hours and receive zero quality points.

Table 1. Grading System

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

* Students in the Behavioral Science, Criminal Justice, Psychology, and Nursing 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.

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. All grades will remain on the transcript. A successfully completed course can be applied to graduation requirements only once.

Appeal of Grade or Course Grievance Procedure

A student who seeks appeal of a problem in a course or with a final grade should first speak with the faculty member concerned. If the student wishes to proceed further with the appeal, the student should speak with the appropriate Program Coordinator. If not resolved with the Program Coordinator, the student should submit the appeal, in writing, to the Division Chair. Student appeals must be received no later than 60 days from the end of the block or semester in which the course was scheduled in order for the appeal to be considered.

Request for Hearing

If there is a question about the decision of the Division Chair, a student can register the grievance in writing to the Assistant Vice President for Academic Affairs to determine whether or not a legitimate grievance still exists. Should a legitimate grievance exist, the Vice President will convene the Academic Review Committee and forward a copy of the student's request to the committee. If the Assistant Vice President finds that a legitimate grievance does not exist, the student will be so informed within ten days. The decision of the Academic Review Committee will be final.

Academic Standing (Probation/Suspension)

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 College, 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:

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

The Academic Review Committee will meet after each semester (every 15 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 a written appeal to the Academic Review Committee chairperson.

Students receiving Title IV financial aid funds, state grants, and forms of scholarship offered by Wilmington College must make academic progress as defined by the institutional criteria for maintaining satisfactory academic progress. The Director of Financial Aid reserves the right to make decisions concerning the student's circumstances. Students receiving financial aid who are placed on academic probation must schedule a meeting with the Director before aid will be offered the following semester. Students who do not schedule a meeting will automatically forfeit their financial aid package.

Any student who receives an institutional scholarship or tuition assistance from Wilmington College 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.

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

Students must satisfy degree and course requirements as outlined in the catalog in effect at the time of initial enrollment at the College 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 College 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 Registration for Graduation 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 Registration for Graduation 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.

Graduation Competencies

It is intended that undergraduate students will achieve the following competencies:

1. Exercise critical thinking strategies, including reasoning, problem solving, analysis and evaluation.
2. Demonstrate an understanding of basic mathematics and statistics.
3. Demonstrate effective oral and written communication.
4. Demonstrate an awareness of ethical principles within one's field of study.
5. Demonstrate a commitment to self-directedness, self-discipline, and lifelong learning.
6. Recognize the principles associated with a pluralistic society and show respect for our multicultural world.
7. Demonstrate an awareness of self in relationship to others, including the ability to work in teams.
8. Demonstrate skill in the use of information technologies.
9. Exhibit flexible thinking and goal-directed behaviors.
10. Demonstrate an awareness of creative expression through the arts and humanities.
11. Demonstrate knowledge of the natural sciences.
12. Demonstrate an understanding of basic economic principles.
13. Describe how past and current world events influence contemporary society.
14. Meet the unique competencies in one's academic program.

Student Writing and Math Skills

The College 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. New College students complete the English and math placement analysis. If they meet the standard, they may enroll in ENG 101 or the first level math required by the student's degree curriculum. If they do not meet the standard, they will be expected to complete ENG 110, *English Essentials*, and/or MAT 110, *Math Essentials*. For students needing academic preparation at a more basic level, zero credit courses in both English and math are available (i.e. ENG 095 and MAT 095).
2. Once students reach junior status, a writing assessment is administered during a course assignment. If the College standard is not met, the student will be advised to complete ENG 365, *Academic Writing*.

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 Wilmington College residency requirements in order to be considered for honors. A maximum of 15 credit hours of challenge by exam and/or competency-based evaluation 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.

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

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

Academic Awards

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

Division of Behavioral Science Award

The Division of Behavioral Science 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.

Division of Business Award

The Division 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.

Division of Education Award

The Division 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.

Division of General Studies Award

The Division of General Studies Award is given to an undergraduate degree recipient from the General Studies Division. 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.

Division of Information Technology and Advanced Communications Award

The Division of Information Technology and Advanced Communications Award is given to an undergraduate degree recipient from the iTAC Division. The student must have a distinguished academic record and must demonstrate excellence in one or more fields of information technology, communications, or design.

Division of Nursing Award

The Division of Nursing Award is given to a graduating BSN student who has a distinguished academic record and exemplifies the spirit of professional nursing.



DEGREE REQUIREMENTS

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 Studies core.
- Complete 30 credit hours of residency at Wilmington College. Residency credit may include 15 credit hours of challenge by exam and/or competency-based evaluation.
- 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 Studies core.
- Complete 45 credit hours of residency at Wilmington College. Residency credit may include 15 credit hours of challenge by exam and/or competency-based evaluation.
- 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 College.

General Studies Requirements for the Baccalaureate Degree

Certain core courses are required in each of the degree programs of the College. These courses provide a thorough understanding of basic accumulated general knowledge. They are designed to assure that a wide range of viewpoints and philosophies, as well

as classic literature, become familiar to students. Core 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 Studies requirements for the baccalaureate degree:

English Composition

9 credits

English Composition I

English Composition II

Advanced Communication Skills

Humanities

12 credits

Human World Views: Ideas

Human World Views: Applications

Two Humanities electives (6 credits) to be selected 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

DIVISION OF BEHAVIORAL SCIENCE

Degree Programs

Bachelor of Science Degree Programs:

Behavioral Science
Criminal Justice
Psychology

Certificates:

Criminal Justice



BEHAVIORAL 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 Studies courses required of all Wilmington College 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:

Be able 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

1. Demonstrate effective oral and written presentation skills.
2. Demonstrate effective critical thinking and problem solving skills.
3. Demonstrate the ability to conceptualize, plan, implement, analyze, and report formal inquiry in the behavioral sciences.
4. Demonstrate effective utilization of current technologies.
5. Demonstrate the ability and skills necessary to explore the various applications of behavioral science in the real world, including career options.

Personal and Professional Development

1. 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.
2. 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.

Program Policies

Elective Guidelines

The Behavioral Science Division recommends that students who transfer in six or more core classes 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 divisions.

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 Studies Core

(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 & Expressions: Ideas
HUM	361	Human World Views: Applications
MAT	205	History & Principles of Math
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

SCI 335 Human Anatomy and Physiology (4 credits)

Behavioral Science Core

(45 credits)

MAT	308	Inferential Statistics
PHI	302	Ethics & 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

Choose a course from the following:

PSY	406	Tests and Measurements
PSY	490	Internship in Behavioral Science
PSY	408	Seminar in Behavioral Science
SDL	300	Life Planning
SOC	201	Cultural Anthropology
SOC	302	Marriage and Family
SOC	304	Ethnic Groups and Minorities
SOC	318	Social Change
SOC	340	Applied Research Design

Behavioral Science Electives

(18 credits)

Courses beginning with the prefix CRJ, PSY, or SOC may be used as Behavioral Science electives.

NOTE: Guided Practicum (PSY 290-291) as well as Internship (PSY 490) experiences are available.

Free Electives

(18 credits)

Behavioral Science Suggested Program Sequence

Freshman

1st Semester	2nd Semester
English Composition I	English Composition II
Intro. to Psychology	Free Elective
Intro. to Sociology	Humanities Elective
PC Operations I	Cultural Anthropology
Free Elective	Life Span Development

Sophomore

1st Semester	2nd Semester
Advanced Comm. Skills	Human Anatomy & Physiology
Theories of Personality	Fund. of Economics
Interpersonal Comm. Skills	Marriage & Family
Humanities Elective	Life Planning
History & Prin. of Math	Free Elective

Junior

1st Semester	2nd Semester
HW Views & Exp:Ideas	HW Views: Applications
Behavioral Science Elective	Ethnic Groups & Minorities
Behavioral Science Elective	Social Change
Abnormal Psychology	Group Dynamics
Inferential Statistics	Applied Research Design

Senior

1st Semester	2nd Semester
Tests & Measurements	Seminar in Behavioral Science
OR	Behavioral Science Elective
Internship in Beh. Sci.	Behavioral Science Elective
Ethics & Values in Beh.Sci	Free Elective
Free Elective	Behavioral Science Elective
Behavioral Science Elective	
Free Elective	

CRIMINAL JUSTICE

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 Studies core courses, required of all Wilmington College 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.

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 life-long 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.

Curriculum

General Studies Core

(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 & Expressions: Ideas
 HUM 361 Human World Views: Applications
 MAT 205 History & Principles of Math
 PSY 101 Introduction to Psychology
 SOC 101 Introduction to Sociology
 Humanities Electives (6 credits):
 Choose two courses from the following:
 ART, DRA, HUM, LIT, MUS, PHI, Foreign Language,
 COM 245, COM 322, DSN 110, ENG 360, HIS 230
 Natural Science Elective

Criminal Justice Core

(45 credits)

All criminal justice core courses have the prerequisites of CRJ 101 and CRJ 205 unless otherwise stated. Non-criminal justice majors who wish to take a course as a free elective should contact the Program Coordinator for a waiver.

CRJ 101 Survey of Criminal Justice
 CRJ 205 Principles of Criminology
 CRJ 206 Corrections and Rehabilitation
 CRJ 301 Juvenile Justice
 CRJ 303 Administration of Criminal Justice Organizations
 CRJ 304 Constitutional Law
 CRJ 316 Criminal Law
 CRJ 318 Criminal Investigation
 CRJ 341 Community Corrections
 CRJ 350 Computer Operations in Criminal Justice
 CRJ 410 Multicultural Issues in Criminal Justice
 CRJ 411 Criminal Evidence and Procedures
 CRJ 412 Ethics in Criminal Justice
 CRJ 413 Research Methods in Criminal Justice

CRJ 450 Seminar in Criminal Justice

Criminal Justice Electives

(18 credits)

Courses beginning with the prefix CRJ, PSY, or SOC may be used as criminal justice electives.

Free Electives

(18 credits)

Criminal Justice

Suggested Program Sequence

Freshman

1st Semester

English Composition I
 Intro. to Psychology
 PC Operations I
 Survey of Criminal Justice
 Intro. to Sociology

2nd Semester

English Composition II
 Principles of Criminology
 History & Principles of Math
 Humanities Elective
 Natural Science Elective

Sophomore

1st Semester

Advanced Comm. Skills
 Corrections & Rehabilitation
 Humanities Elective
 Constitutional Law
 Free Elective
 Criminal Justice

2nd Semester

Fund. of Economics
 Criminal Investigation
 Criminal Law
 Core Elective*
 Computer Operations in

Junior

1st Semester

Admin. of CJ Organizations
 Free Elective
 Core Elective*
 Ethics in Criminal Justice
 HW Views & Exp:Ideas

2nd Semester

HW Views: App.
 Community Corrections
 Juvenile Justice
 Multicultural Issues in
 Criminal Justice
 Core Elective*

Senior

1st Semester

Criminal Evidence & Proced.
 Research Methods in CJ
 Core Elective*
 Core Elective*
 Free Elective

2nd Semester

Core Elective*
 Seminar in Criminal Justice
 Free Elective
 Free Elective
 Free Elective

* Core elective are courses that begin with the prefix of CRJ, PSY, or SOC.

Criminal Justice Certificate Program

Students may begin their education with a certificate in Criminal Justice. The program offers the busy professional a certificate concentrating on the core courses in the Criminal Justice Bachelor of Science degree. Upon completion, the student can continue immediately into the bachelor's degree program.

Certificate in Criminal Justice (30 credits)

Certificate Core Courses (21 credits)

ENG 101	English Composition I
ENG 102	English Composition II
SOC 101	Introduction to Sociology
PSY 101	Introduction to Psychology
BCS 205	Personal Computer Operations I
CRJ 101	Survey of Criminal Justice
CRJ 205	Principles of Criminology

Criminal Justice Electives (6 credits)

Two courses with the CRJ prefix

Free Electives (3 credits)

PSYCHOLOGY

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 Studies core courses, required of all Wilmington College undergraduates, provide a well-rounded

academic foundation. The program is offered, with day and evening classes, at New Castle, Dover, and Georgetown.

Program Competencies

Knowledge:

Be able 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

1. Demonstrate effective oral and written presentation skills.
2. Demonstrate effective critical thinking and problem solving skills.
3. Demonstrate the ability to conceptualize, plan, implement, analyze, and report formal inquiry in psychology.
4. Demonstrate effective utilization of current technologies.
5. Demonstrate the ability and skills necessary to explore the various applications of psychology in the real world, including career options.

Personal and Professional Development

1. 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.
2. 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.

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 Studies Core

(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 & Expressions: Ideas
HUM 361	Human World Views: Applications
MAT 205	History and Principles of Math
PSY 101	Introduction to Psychology
SOC 101	Introduction to Sociology
SCI 335	Human Anatomy & Physiology (4 credits)

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)

SDL 300	Life Planning
PHI 302	Ethics and Values in Behavioral Science
SOC 304	Ethnic Groups and Minorities
PSY 315	Group Dynamics
SOC 340	Applied Research Design
PSY 408	Seminar in Behavioral Science

Psychology Major

(24 credits)

MAT 308	Inferential Statistics
Developmental: Choose one of the following courses:	
PSY 201	Child Growth & Development
PSY 204	Life Span Development
PSY 331	Middle Childhood Development
PSY 332	Adolescent Development
PSY 300	Theories of Personality
PSY 301	Social Psychology
PSY 305	Abnormal Psychology
PSY 334	Biological Basis of Behavior
PSY 351	Learning & Cognition
PSY 406	Tests & Measurement

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

English Composition I
Intro. to Psychology
Intro. to Sociology
PC Operations I
Free Elective

2nd Semester

English Composition II
Free Elective
Humanities Elective
Social Psychology
Psychology Elective

Sophomore

1st Semester

Advanced Comm. Skills
Theories of Personality
Free Elective
Humanities Elective
History & Prin. of Math

2nd Semester

Human Anatomy & Physiology
Fundamentals of Economics
Psychology Elective
Life Planning
Developmental Psy. Elective

Junior

1st Semester

HW Views: Ideas
Psychology Elective
Biological Basis of Behav.
Abnormal Psychology
Inferential Statistics

2nd Semester

HW Views: App.
Ethnic Groups & Minorities
Learning & Cognition
Group Dynamics
Applied Research Design

Senior

1st Semester

Tests & Measurements
Psychology Elective
Ethics & Values in Beh. Sci
Free Elective
Free Elective

2nd Semester

Seminar in Behavioral Science
Psychology Elective
Psychology Elective
Free Elective
Free Elective



DIVISION OF BUSINESS

Degree Programs

Bachelor of Science Degree Programs:

Accounting
Business Management
Finance
Human Resource Management
Marketing
Professional Aeronautics
Sports Management

Minors:

Business
Finance
Human Resource Management
Management Information Systems

Certificates:

Certificate in Training and Staff Development

Philosophy

The philosophy of the Business Division is based on the belief that members of an organization must clearly understand an organization's vision and mission and participate in the production of high quality goods and services. Toward that end, the business faculty is committed to providing an academic environment that leads to the development of a proactive approach to meeting the challenges of an organization in a constantly changing global community.

Business Division Competencies

Upon graduation each student will be able to:

1. Apply theory and analytical skills to analyze contemporary business events through problem solving and decision-making processes.
2. Demonstrate an understanding of leadership skills to promote organizational effectiveness and change management.
3. Demonstrate effective business communications through the expression of both written and oral ideas.
4. Demonstrate proficiency in using technology in the business environment.
5. Analyze the importance of the functional relationships of all business operations present in domestic and global environments.
6. Demonstrate the ability to objectively evaluate diverse views using critical thinking skills and business ethics.

Sigma Beta Delta

Graduating business students who rank in the upper 20 per cent of their class will be invited to join Sigma Beta Delta, a national honor society. 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 well as providing guidelines which will lead to a fulfilling personal and professional life.

Major Field Examination

All business students are required to complete an end-of-year examination during their capstone course, BBM 402, *Strategic Management*. This examination compares a student's academic progress to other undergraduate business students in similar academic programs from across the nation. The content of the major field test reflects the basic knowledge and understanding gained in the core undergraduate business curriculum. Results of the major field examination will be included in the student's BBM 402 course grade.

ACCOUNTING

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 Studies core courses, required of all Wilmington College undergraduates, provide a well-rounded academic foundation.

Wilmington College 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

Through the completion of the Bachelor of Science degree in Accounting, graduates will be able to:

1. Apply financial knowledge in the business setting to promote organizational planning and decision-making.
2. Analyze and interpret financial statements through the use of financial ratio analysis and other techniques.
3. Prepare a complete financial statement package presented in a professional format in conformity with generally accepted accounting principles.
4. Demonstrate a fundamental knowledge in specialized areas such as tax accounting, cost accounting, and auditing as preparation for entry-level positions.
5. Use technology to effectively summarize and process accounting information.
6. Effectively communicate accounting information.



Curriculum

General Studies Core

(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 & Expressions: Ideas
HUM 361	Human World Views: Applications
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/Government Elective

Business Core

(42 credits)

BAC 101	Accounting I
BAC 102	Accounting II
BAC 201	Principles of Management
BBM 320	Business Communications
BBM 370	Global Business Management
BBM 402	Strategic Management
BLA 303	Legal and Ethical Environment of Business
BMK 305	Marketing
FIN 305	Financial Management
MAT 102	College Math II
MAT 301	Principles of Statistics I
MAT 302	Principles of Statistics II
MIS 320	Management Information Systems

Select one of the following courses:

BBM 411 Operations and Systems Management

HRM 311 Human Resource Management

Accounting Core**(30 credits)**

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)
ECO 102	Economics II

Free Electives**(6 credits)****Suggested Program Sequence****Freshman****1st Semester**

English Composition I
Free Elective
Comp. App. for Business
College Math I
Accounting I

2nd Semester

English Composition II
Principles of Management
Social Science Elective
College Math II
Accounting II

Sophomore**1st Semester**

Humanities Elective
Advanced Comm. Skills
Economics I
Statistics I
Intermediate Accounting I

2nd Semester

Economics II
Marketing
Social Science Elective
Statistics II
Intermediate Accounting II

Junior**1st Semester**

Human World Views: Exp.
Legal/Ethical Environ./Bus.
Operations & Syst. Mgt OR
Human Res. Mgt.
Cost Accounting I
Tax Accounting I

2nd Semester

Human World Views: App.
Global Management
Business Communications
Cost Accounting II
Tax Accounting II

Senior**1st Semester**

Financial Management
Humanities Elective
Management Info. Syst.
Advanced Accounting I
Auditing

2nd Semester

Science Elective
Strategic Management
Free Elective
Advanced Accounting II
Accounting Info. Syst. (AIS)

BUSINESS MANAGEMENT**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 - an awareness not easily obtained through conventional lecture methods. In addition, the General Studies core courses, required of all Wilmington College undergraduates, provide a well-rounded academic foundation.

Program Competencies

Each graduating student will be able to:

1. Explain and apply general theories and practices relating to management.
2. Demonstrate effective oral and written communications utilized within various areas of the business environment.
3. Demonstrate the ability to integrate various management technologies within the functions of management.
4. Understand and relate the importance of focusing on both the internal and external customer.
5. Demonstrate the ability to effectively manage human resources.
6. Identify and analyze factors critical to strategic planning.
7. Relate the knowledge and experience necessary to think critically and creatively with respect to business decisions.

Curriculum

General Studies Core (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 & Expressions: Ideas
HUM 361	Human World Views: Applications
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/Government Elective	

Business Core (42 credits)

BAC 101	Accounting I
BAC 102	Accounting II
BBM 201	Principles of Management
BBM 320	Business Communications
BBM 370	Global Business Management
BBM 411	Operations and Systems Management
FIN 305	Financial Management
BLA 303	Legal and Ethical Environment of Business
BMK 305	Marketing
MAT 301	Principles of Statistics I
MAT 302	Principles of Statistics II
BBM 402	Strategic Management
MAT 102	College Math II
MIS 320	Management Information Systems

Business Management Core (15 credits)

BBM 301	Organizational Behavior
BBM 315	Supervisory Management
ECO 102	Economics II
HRM 310	Organizational Development
HRM 311	Human Resource Management

Business Electives (12 credits)

Free Electives (12 credits)

Suggested Program Sequence

Freshman

1st Semester	2nd Semester
English Composition I	English Composition II
College Math I	Economics I
Social Science Elective	Humanities Elective
Free Elective	Natural Science Elective
Computer App. for Business	Principles of Management

Sophomore

1st Semester	2nd Semester
College Math II	Accounting II
Accounting I	Organizational Behavior
Advanced Comm. Skills	Economics II
Business Elective	Humanities Elective
Marketing	Business Elective

Junior

1st Semester	2nd Semester
Human World Views: Exp.	Human World Views: App.
Statistics I	Statistics II
Legal/Ethical Environ.Bus.	Human Resource Management
Business Elective	Free Elective
Financial Management	Business Communications

Senior

1st Semester	2nd Semester
Operations & Sys. Mgt.	Global Business Management
Organizational Dev.	Management Info. Systems
Business Elective	Supervisory Management
Free Elective	Strategic Management
Free Elective	Business Elective

FINANCE

Purpose

The Bachelor of Science degree 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 Studies core courses, required of all Wilmington College undergraduates, provide a well-rounded academic foundation.

Wilmington College 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

General: 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 understanding of efficient management techniques affecting financial organizations to include banking, insurance, brokerage firms, pension funds, and thrift and credit institutions.
2. Demonstrate the ability to apply financial planning tools to the efficient allocation of both a firm's and an individual's financial resources.
3. Demonstrate knowledge of the factors affecting the financial conditions of an enterprise.
4. Develop an understanding of contemporary financial issues through multiple research methods.
5. Be able to perform a detailed financial analysis of a firm, relating its current financial condition to its ability to execute strategic goals.
6. Demonstrate understanding of the factors affecting risk and return as applied to both individual and corporate decision making.
7. Be able to apply a historic perspective (both financial and economic) to current topics affecting personal and corporate financial planning.
8. Demonstrate college-level proficiency in oral and written communications.
9. Be able to apply appropriate analytical techniques to the evaluation of investment securities held both in isolation and as part of a portfolio.
10. Demonstrate the ability to function effectively as a member of a working group in applying course content in analyzing and critically evaluating financial information.
11. Understand the application of ethical and legal standards as required by practicing finance professionals.

Curriculum

General Studies Core

(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 & Expressions: Ideas
HUM 361	Human World Views: Applications
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/Government Elective

Business Core

(42 credits)

BAC 101	Accounting I
BAC 102	Accounting II
BBM 201	Principles of Management
BBM 320	Business Communications
BBM 370	Global Management
BBM 402	Strategic Management
BLA 303	Legal and Ethical Environment of Business
BMK 305	Marketing
FIN 305	Financial Management
MAT 102	College Math II
MAT 301	Principles of Statistics I
MAT 302	Principles of Statistics II
MIS 320	Management Information Systems

Select one of the following courses:

BBM 411 Operations and Systems Management
HRM 311 Human Resource Management

Finance Core

(21 credits)

ECO 102	Economics II
FIN 201	Personal Finance
FIN 202	Financial Planning
FIN 306	Corporate Finance
FIN 308	Financial Economics & Instruments
FIN 410	Financial Reporting & Analysis

Select one of the following:

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

Business Electives (6 credits)

Suggested:

- BBM 319 Business Ethics
- BBM 355 Quality Management
- BAC 201 Intermediate Accounting I
- BAC 301 Cost Accounting I

Free Electives (12 credits)

Suggested Program Sequence

Freshman

1st Semester

- English Composition I
- College Math I
- Economics I
- Computer App. for Business
- Humanities Elective

2nd Semester

- English Composition II
- College Math II
- Economics II
- Social Science Elective
- Natural Science Elective

Sophomore

1st Semester

- Accounting I
- Personal Finance
- Prin. of Management
- Advanced Comm. Skills
- Statistics I

2nd Semester

- Accounting II
- Financial Planning
- Marketing
- Free Elective
- Statistics II

Junior

1st Semester

- Financial Management
- Human World Views:Exp.
- Business Communications
- Management Info. Syst.
- Free Elective

2nd Semester

- Corporate Finance
- Human World Views:App.
- Financial Economics
- Legal & Ethical Environ. of Business
- Humanities Elective

Senior

1st Semester

- Fin. Reporting & Analysis
- Global Management
- Business Elective
- Human Resource Mgt.
- Free Elective

2nd Semester

- Strategic Management
- Investments OR
- Financial Institution Mgt.
- Business Elective
- Free Elective
- Free Elective

HUMAN RESOURCE MANAGEMENT

Purpose

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

Program of Study

The Human Resource Management degree program combines a significant business management component with an emphasis on the development of strong human resource, managerial, and organizational abilities. In addition, students will develop planning, communication, and leadership skills as they explore behavioral approaches to deal with organizational and managerial situations. Also, the General Studies core courses, required of all Wilmington College undergraduates, provide a well-rounded academic foundation.

Program Competencies

Graduating students will be able to:

1. Demonstrate knowledge of human resource management theories and principles as they relate to the entire organization and individual employee.
2. Demonstrate the ability to synthesize and apply knowledge of various human resource management issues critically and creatively.
3. Demonstrate the effective use of technology in the field of human resource management to solve basic as well as critical issues or problems.
4. Demonstrate an understanding of the legal issues affecting various areas of human resource development.
5. Develop effective written and oral communication skills at a high level of expression in dealing with all levels of employees.

Curriculum

General Studies Core (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 & Expressions: Ideas
- HUM 361 Human World Views: Applications
- 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/Government Elective

Business Core

(42 credits)

BAC 101	Accounting I
BAC 102	Accounting II
BBM 201	Principles of Management
BBM 320	Business Communications
BBM 370	Global Business Management
BBM 411	Operations and Systems Management
FIN 305	Financial Management
BLA 303	Legal and Ethical Environment of Business
BMK 305	Marketing
MAT 301	Principles of Statistics I
MAT 302	Principles of Statistics II
BBM 402	Strategic Management
MAT 102	College Math II
MIS 320	Management Information Systems

Human Resource Management Core

(30 credits)

BBM 301	Organizational Behavior
HRM 300	Labor Relations & Collective Bargaining
HRM 305	Staffing Organizations
HRM 310	Organizational Development
HRM 311	Human Resource Management
HRM 312	Computer Applications in Human Resource Management
HRM 320	Safety in the Workplace
HRM 400	Legal Aspects of Human Resource Management
HRM 405	Compensation Administration
HRM 410	Training & Development

HRM/BBM Electives

(6 credits)

Free Electives

(3 credits)

Suggested Program Sequence

Freshman

1st Semester

English Composition I
College Math I
Social Science Elective
Free Elective
Computer App. for Bus.

2nd Semester

English Composition II
Fundamentals of Economics
College Math II
Natural Science Elective
Principles of Management

Sophomore

1st Semester

Accounting I
Organizational Behavior
HRM/BBM Elective
Advanced Comm. Skills
Management Info. Sys.

2nd Semester

Accounting II
Human Resource Management
Legal & Ethical Environ. of Bus.
Humanities Elective
Marketing

Junior

1st Semester

Human World Views: Exp
Statistics I
Safety in the Workplace
Organizational Development
Financial Mgt.

2nd Semester

Human World Views: App.
Statistics II
Staffing Organizations
Computer App. in HRM
Business Communications

Senior

1st Semester

Labor Rel. & Coll. Barg.
Legal Aspects of HRM
Training & Development
Humanities Elective
Operations & Syst. Mgt.

2nd Semester

Strategic Management
Compensation Administration
Global Management
Social Science Elective
HRM/BBM Elective



MARKETING

Purpose

The Bachelor of Science degree program in Marketing is designed for students who desire to pursue careers in the field of marketing. The program includes a general overview of the following areas: market planning, product development, and marketing research.

Program of Study

The marketing degree program integrates market planning, product development, and marketing research with marketing skills necessary for students to succeed in the marketing field.

Course offerings emphasize skills and competencies that will be needed in actual business situations. Students also have the opportunity to pursue internships in marketing with local businesses. In addition, the General Studies core courses, required of all Wilmington College undergraduates, provide a well-rounded academic foundation.

Program Competencies

Upon completion of the program, students will:

1. Understand the important role marketing plays in relation to meeting the strategic objectives of the organization.
2. Demonstrate the ability to utilize a variety of marketing tools.
3. Demonstrate knowledge of the design, implementation, control, and evaluation functions relating to marketing.
4. Become aware of the various challenges involved in marketing products and services.

Curriculum

General Studies Core (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 & Expressions: Ideas
HUM 361	Human World Views : Applications
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/Government Elective

Business Core (42 credits)

BAC 101	Accounting I
BAC 102	Accounting II
BBM 201	Principles of Management
BBM 320	Business Communications
BBM 370	Global Management
BBM 402	Strategic Management
BLA 303	Legal and Ethical Environment of Business
BMK 305	Marketing
FIN 305	Financial Management
MAT 102	College Math II
MAT 301	Principles of Statistics I
MAT 302	Principles of Statistics II
MIS 320	Management Information Systems

Select one of the following courses:

BBM 411 Operations Systems Management

HRM 311 Human Resource Management

Marketing Core (21 credits)

BMK 221	Principles of Advertising/Public Relations
BMK 308	International Marketing
BMK 310	Industrial and Business Marketing
BMK 311	Sales Management
BMK 321	Marketing Research
BMK 413	Marketing Management
ECO 102	Economics II

Business Electives (9 credits)

Free Electives (9 credits)

Suggested Program Sequence

Freshman

1st Semester

English Comp. I
College Math I
Social Science Elective
Free Elective
Computer App. for Business

2nd Semester

English Comp. II
Economics I
Humanities Elective
Natural Science Elective
Principles of Management

Sophomore

1st Semester

Accounting I
Adv. Comm. Skills
Social Science Elective
Marketing
Human Resource Mgt/OR
Operations/Syst. Mgt

2nd Semester

Accounting II
College Math II
Economics II
Mgt. Info. Systems
Humanities Elective

Junior

1st Semester

Human World Views: Exp
Statistics I
Legal & Ethical Env./Bus.
Business Elective
Financial Mgt.

2nd Semester

Human World Views: App.
Statistics II
Prin. of Adv./Public Rel.
Sales Management
Business Communications

Senior

1st Semester

Indust. & Bus. Mkt.
Marketing Research
Free Elective
Free Elective
Business Elective

2nd Semester

Global Bus. Mgt.
International. Marketing
Strategic Management
Marketing Management
Business 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 College; 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 Studies core courses, required of all Wilmington College undergraduates, provide a well-rounded academic foundation.

Program Competencies

In addition to the Business Management competencies, students will be able to:

1. Apply critical thinking strategies to analyze how competition and government influence affect the aviation industry.
2. Develop a strong safety consciousness in all facets of aviation.
3. Synthesize knowledge from Business Management courses and Aviation Management Courses.

Curriculum

General Studies Core

(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 & Expressions: Ideas
HUM 361 Human World Views: Applications
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

(36 credits)

BAC 101 Accounting I
BAC 102 Accounting II
BBM 201 Principles of Management
BBM 320 Business Communications
BBM 402 Strategic Management
BLA 303 Legal and Ethical Environment of Business
BMK 305 Marketing
FIN 305 Financial Management
MAT 102 College Math II
MAT 301 Principles of Statistics I
MAT 302 Principles of Statistics II
MIS 320 Management Information Systems

Aviation Core

(45 credits)

BAM 302 Aviation Safety
BAM 410 Government and Aviation
BAM 411 Airport Management
BAM 412 Airline Management

Concentration

18-33 transfer credits in aviation technology for documented experience or technical training/certification (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

Transferred credits

Sophomore

1st Semester

English Composition I
History of Aviation
Computer App. for Bus.
Fund. of Economics
College Math I

2nd Semester

English Composition II
Mgt. Information Systems
Aviation Safety*
Social Science Elective
Principles of Management

Junior

1st Semester

Statistics I
Airport Management*
Accounting I
Advanced Comm. Skills
Humanities Elective

2nd Semester

Statistics II
Marketing
Business Communications
Legal & Ethical Environ. of Bus.
Humanities Elective

Senior

1st Semester

Human World Views: Exp.
Accounting II
Government Aviation*
Financial Management
Human Resource Mgt.

2nd Semester

Human World Views: App.
Strategic Management
Airline Management*
Global Bus. Mgt (if required)
Operations & Sys. Mgt. (if req'd)

* Courses are offered every other year and should be taken when offered.

SPORTS MANAGEMENT

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 Studies core courses, required of all Wilmington College undergraduates, provide a well-rounded academic foundation.

Program Competencies

Upon completion of the Sports Management program, the graduate will be able to:

1. Demonstrate an understanding of the different skills that are necessary to be an effective manager in the sports industry.
2. Demonstrate knowledge of strategic planning in budgeting, marketing, and promotions in athletics at the college and professional levels and in public and recreational organizations.
3. Demonstrate the ability to manage athletic events.
4. Implement marketing and fund-raising strategies and concepts relative to promoting sporting events.
5. Demonstrate an awareness of the relationship of sports to various governing bodies and their impact on sport operations.
6. Demonstrate knowledge of policies and the judicial system which are necessary for decision making in the sports industry.

Curriculum

General Studies Core

(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 & Expressions: Ideas
HUM	361	Human World Views: Applications
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 /Government Elective

Business Core

(42 credits)

BAC	101	Accounting I
BAC	102	Accounting II
BBM	201	Principles of Management
BBM	320	Business Communications
BBM	370	Global Management
BBM	402	Strategic Management
BLA	303	Legal and Ethical Environment of Business

Select one of the following courses:

BMK 305 Marketing
SPM 407 Sports Marketing and Promotions

FIN	305	Financial Management
MAT	102	College Math II
MAT	301	Principles of Statistics I
MAT	302	Principles of Statistics II
MIS	320	Management Information Systems

Select one of the following courses:

BBM 411 Operations and Systems Management
HRM 311 Human Resource Management

NOTE: SPM 407, *Sports Marketing and Promotions*, will be accepted in place of BMK 305, *Marketing*, for Sports Management students only.

Sports Management Core

(27 credits)

SPM	301	Legal 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 & Planning
SPM	408	Financing Sport Operations
SPM	490	Sports Management Internship I
SPM	491	Sports Management Internship II

Sports Management Elective (6 credits)

Select an SPM prefix course or PSY 353

Free Electives

(6 credits)

Suggested Program Sequence

Freshman

1st Semester

English Composition I
College Math I
Social Science Elective
Natural Science Elective
Computer App. for Business

2nd Semester

English Composition II
Fundamentals of Economics
Humanities Elective
Social Science Elective
Principles of Management

Sophomore

1st Semester

Accounting I
Adv. Comm. Skills
College Math II
Sports Mkt. & Prom.
Sports Mgt. I

2nd Semester

Accounting II
Hum. Res. Mgt OR
Operations & Sys. Mgt.
Legal & Eth. Env. of Bus.
Business Communications
Humanities Elective

Junior

1st Semester

Human World Views: Exp.
Legal Issues in Sports
Sports Management II
Financial Management
Sport Media Relations

2nd Semester

Human World Views: App.
Statistics I
Financing Sports Operations
Sports Mgt. Internship I
Sports Mgt. Elective

Senior

1st Semester

Global Management
Sport Facilities Mgt.
Sports Management Elective
Statistics II
Free Elective

2nd Semester

Strategic Management
Mgt. Info. Systems
Sports Mgt. Internship II
Current Issues in Sports Mgt.
Free Elective

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.

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

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 202	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*

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 (24 credits)

HRM 300	Labor Relations & Collective Bargaining
HRM 305	Staffing Organizations
HRM 310	Organizational Development
HRM 311	Human Resource Management
HRM 320	Safety in the Workplace
HRM 400	Legal Aspects of Human Resources Mgt.
HRM 405	Compensation Administration
HRM 410	Training and Development

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 100	Fundamentals of Information Systems
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

Certificate in Training and Staff Development

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.

Certificate Courses

HRM 310	Organizational Development (prerequisite: HRM 311)
HRM 311	Human Resource Management
HRM 321	Organizational Comm. (prerequisite: HRM 311)
HRM 340	The Adult Learner (prerequisite: HRM 311)
HRM 410	Training & Development (prerequisite: HRM 311)



The Division of Education at Wilmington College reserves the right to change requirements to comply with any licensure/certification mandates by the Professional Standards Board and/or the Delaware State Department of Education.

The Professional Standards Board and the Department of Education are now in the process of approving final regulations necessary for implementation of HB 260, HB 68, and HOUSSE (Highly Objective Uniform State Standards of Evaluation). When complete, the Division of Education at Wilmington College will amend requirements to meet the specific demands.

As a result of a new federal mandate, HOUSSE, and each state's requirement to comply with this legislation, expectations for both beginning and veteran teachers have been developed and must be implemented by 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.

Wilmington College must modify its teacher preparation programs to meet the ever changing requirements and continue to serve as a major supplier of teachers for the State of Delaware. Significant changes in our teacher preparation programs will occur in the near future to assist not only our teacher candidates to meet the "highly qualified" status, but to also help our prospective employers meet the resultant demand for such teachers. Program modifications will be developed and will include the successful completion of the appropriate PRAXIS II test as a requirement.

For those students who have recently graduated or are in the advanced stages of their collegiate preparation at the College, we want to assure them that their degree will certify them but they must pass the appropriate PRAXIS II test to achieve "highly qualified" status. We, therefore, encourage all such individuals to prepare for and take the test to enhance their professional status and future employment opportunities.

Wilmington College's pass rate submitted on the HEA Title II report for the years 1999-2004 is 100% on the PPST Reading, CBT Reading, PPST Writing, CBT Writing, PPST Mathematics, and CBT Mathematics. The HEA Title II full report is available on the web site: <http://www.wilmcoll.edu/education>.

Degree Programs

Associate of Science Degree

Early Childhood Education

Bachelor of Science Degrees

Early Care and Education - Birth through Kindergarten

Primary Education - Kindergarten through Grade 4

Middle Level Education - Grade 5 through Grade 8

Career and Technical Education

Philosophy

The Division of Education at Wilmington College prepares students for careers as professional educators. Areas of program concentration include Early Care and Education (Birth–K), Primary Education (grades K–4), and Middle Level Education (grades 5–8).

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 living 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, transformation, and professionalism.

EARLY CHILDHOOD EDUCATION

Associate of Science

Purpose

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

Program of Study

The program begins with courses designed to introduce students to basic principles of child growth and development and psychology. Courses follow in the area of language development and literacy, methods of teaching, and assessment. The centrality of the family and community in the life of the child is emphasized throughout the program. Classroom management and assessment strategies are studied in separate courses and are also integrated into courses and fieldwork. The program requires an internship in an approved setting. Most course work requires supervised fieldwork in settings such as childcare facilities, preschools, or kindergartens. A minimum of sixty (60) total credits is required for degree completion.

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

Students must apply to the Office of Clinical Studies at the New Castle campus by April 1 for a fall semester student teaching placement, or by October 15 for spring semester student teaching.

Internship placements for students must be arranged and approved through the Division of Education, Office of Clinical Studies. Applications are due in the Office of Clinical Studies by October 15 for spring semester placements and April 1 for fall semester placements.

Curriculum

General Studies Core (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	History and Principles of Mathematics
PSY 101	Introduction to Psychology

Fine Arts Electives:

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-K) program.

Behavioral Science Core (6 credits)

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

Education Core (30 credits)

ECE 202	Professional Issues in Early Childhood
ECE 203	Methods of Teaching Art, Music, and Movement
ECE 204	Integrated Methods: Language Arts, Social Studies, Science, and Math
ECE 206	Family Development and Service Systems

ECE 211	Language Arts in Early Childhood Programs
ECE 214	Classroom Management
ECE 216	Internship in Early Childhood Education
EPY 301	Assessment of the Young Child
RDG 300	Language Development and Early Literacy

EDUCATION

Bachelor of Science

The Bachelor of Science in Education degrees 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 to grade 8. Students choose a teaching concentration that leads to certification in either Early Care and Education (Birth through Kindergarten), Primary Education (Grades K-4), or Middle Level Education (Grades 5-8). Note: Additional certification requirements apply for teaching 7th and 8th grade math and science.

Program of Study

The three concentrations 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 Studies core courses, required of all Wilmington College 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. All methods courses have fieldwork components. Students must satisfy Delaware's PRAXIS I:PPST testing requirements prior to admission to the first methods course. All teacher preparation programs meet standards established by the National Association of State Directors of Teacher Education and Certification (NASDTEC).

Program Competencies - BS in Education

Numbers 1-12 are based on the 1998 Delaware Professional Teaching Standards. All relate to the Division of Education Conceptual Framework.

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 Office of Clinical Studies on the New Castle campus by October 15 for spring semester placements, or

by April 1 for fall semester placements. Applications for student teaching are available at all sites, in all advising offices, and may be downloaded from the Wilmington College website. Applications for student teaching do not replace the need to register for each course. Registration and payment of all fees, including laboratory fees for student teaching, are still necessary.

1. A cumulative GPA of 2.5 is required before receiving a student teaching placement (ECE 450 or EDU 451).
2. Students must complete the Major Field Test in Education, when administered, to achieve a satisfactory grade in student teaching.
3. A portfolio documenting achievement of program competencies is required for graduation.

PRAXIS I: PPST Requirements

All students must meet Delaware minimum score requirements on all three sections of the PRAXIS I:PPST prior to registering for any of the following courses:

ECE 203, 204

RDG 401

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

Early Care and Education Concentration (Birth-K) Curriculum

General Studies

(60 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
ENG	320	Advanced Composition
HIS	204	World History
HIS	300	Geography and Man
HIS	314	Contemporary US History: 1945 to Present
HUM	360	Human World Views & Expressions: Ideas
HUM	361	Human World Views: Applications
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):

Select 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 (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 (27 credits)

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	Classroom Management
EDU 401	Instructional Technology
EPY 301	Assessment of the Young Child*
EPY 401	Teaching Exceptional Children
RDG 300	Language Development and Early Literacy*

Clinical Components (27 credits)

ECE 203	Methods of Teaching Art, Music, and Movement
ECE 204	Integrated Methods: Language Arts, Social Studies, Science, and Math
EDU 390	Practicum I
EDU 391	Practicum II
EDU 392	Practicum III
ECE 450	Student Teaching
RDG 401	Methods of Teaching Language/Literacy

* Courses for "Bridge" Certification from Primary K-4 or Middle Level 5-8. Middle Level certification requires 15 additional credit hours (see advisor).

Primary Education Concentration (Grades K-4) Curriculum**General Studies (60 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
ENG 320	Advanced Composition
HIS 204	World History
HIS 300	Geography and Man
HIS 314	Contemporary US History: 1945 to Present
HUM 360	Human World Views and Expressions: Ideas
HUM 361	Human World Views: Applications
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):

Select from: ART 101, 202, 210, 245, 301, 302, 304, 310, 315; DRA 105, 110, 140, 200; MUS101, 201; HUM 307, 330, TEC 215, DSN 110

Behavioral Science Core (9 credits)

PSY 201	Child Growth and Development**
PSY 331	Middle Childhood Development
PSY 333	Psychology of the Exceptional Child

Education Core (27 credits)

ECE 202	Professional Issues in Early Childhood Education**
ECE 205	Parent, Family, and Community Interactions**
ECE 214	Classroom Management
EDU 401	Instructional Technology
EPY 301	Assessment of the Young Child
EPY 401	Teaching Exceptional Children
RDG 300	Language Development and Early Literacy
RDG 301	Teaching of Reading/Writing
RDG 302	Literature for Children*

Clinical Components (30 credits)

EDU 390	Practicum I
EDU 391	Practicum II
EDU 392	Practicum III
EDU 402	Methods for Teaching Language Arts/ Reading*
EDU 403	Methods for Teaching Social Studies *
EDU 404	Methods for Teaching Science *
EDU 405	Methods for Teaching Elementary Mathematics*
EDU 451	Student Teaching

* Courses for "Bridge" Certification from Early Care and Education (see advisor)

** Courses for "Bridge" Certification from Middle Level 5-8: plus ECE 204 and RDG 401 (see advisor)

Middle Level Education Concentration (Grades 5-8) Curriculum

General Studies

(60 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
ENG 320	Advanced Composition
HIS 204	World History
HIS 300	Geography and Man
HIS 314	Contemporary US History: 1945 to Present
HUM 360	Human World Views and Expressions: Ideas
HUM 361	Human World Views: Applications
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):	
Select from: ART 101, 202, 210, 245, 301, 302, 304, 310, 315; DRA 105, 110, 140, 200; MUS101, 201; HUM 307, 330, TEC 215, DSN 110	

Behavioral Science Core

(9 credits)

PSY 201	Child Growth and Development
PSY 332	Adolescent Development*
PSY 333	Psychology of the Exceptional Child

Education Core

(27 credits)

EDU 303	Contemporary Theories and Practices in Middle Level Education*
EDU 306	Effective Teaching Strategies*
EDU 401	Instructional Technology
EPY 302	Educational Assessment
EPY 303	Advising, Mentoring, and Counseling Techniques*
EPY 401	Teaching Exceptional Children
RDG 301	Teaching of Reading/Writing
RDG 302	Literature for Children
RDG 305	Reading in the Content Areas*

Clinical Components

(30 credits)

EDU 390	Practicum I
EDU 391	Practicum II
EDU 392	Practicum III
EDU 407	Methods of Teaching Middle Level Language Arts/Reading

EDU 408	Methods of Teaching Middle Level Social Studies
EDU 409	Methods of Teaching Middle Level Science
EDU 410	Methods of Teaching Middle Level Math
EDU 451	Student Teaching

* Courses for "Bridge" Certification from Early Care and Education, Primary K-4, or Secondary Education. Early Care and Education Certification also requires EDU 407, 408, 409, 410, and RDG 301 (see advisor).

General Science Concentration (7th and 8th Grade Levels)

Students who have successfully completed the Middle Level Education (grades 5-8) program at Wilmington College, including student teaching at the 7th/8th grade level, will be eligible for a certificate to teach 7th and 8th grade science upon completion of the following core of science courses and the education clinical component:

Science Core

SCI 303	Meteorology
SCI 304	Astronomy
SCI 311	Botany
SCI 315	Applied Chemistry
SCI 335	Human Anatomy and Physiology

Clinical Component

EDU 396	Environmental Education Practicum
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Career and Technical Education

Purpose

The purpose of the Bachelor of Science in Education in Career and Technical Education is to provide professional development and certification opportunities for career and technical teachers who are currently working in vocational-technical high schools. The program is designed for adults who seek certification as career and technical education teachers (currently T & I). 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 T & I certification. The courses in the program will provide vocational 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:PPST testing requirements prior to completion of their sixth year of teaching in a T & I program and prior to completing the necessary requirements for the degree.

Curriculum

General Studies Core

(45 credits)

ENG 101	English Composition I
ENG 102	English Composition II
ENG 111	Advanced Communication Skills
ENG 320	Advanced Composition <u>OR</u> a course in technical writing
MAT 201	Math for Teachers I
MAT 202	Math for Teachers II
HUM 360	Human World Views & Exp.: Ideas
HUM 361	Human World Views: Applications
BCS 205	Personal Computer Operations I <u>OR</u>
BCS 206	Computer Applications for Business <u>OR</u>
BCS 210	Computer Science
Natural Science Elective	
ECO 105	Fundamentals of Economics

Six credits to be selected from:

PSY 101	Introduction to Psychology
History or Government 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
ENG 360	Creative Writing
ENG 365	Academic Writing
Fine Arts, Foreign Language, Literature, Music, Philosophy, Communications courses	

Education Core

(45 credits)

EDC 406	*Career and Technical Education Assessment and Course Construction
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 400	*Educational Psychology
EDC 410	*Multicultural Education
EPY 401	*Teaching Exceptional Children
EDC 401	*Career and Technical Education Instructional Technology
EDC 403	History and Regulations of Career and Technical Education
EDC 414	Student Testing and Evaluation
EDC 407	Career and Technical Student Organizations
RDG 301	Teaching of Reading/Writing
RDG 305	Reading in the Content Areas
EDC 404	Career and Technical Education Guidance Practices
EDC 405	Career and Technical Education: Community and Business Relations

* Required for Initial Delaware Teacher Certificate

Clinical Component

(6 credits)

EDC 420	Major Professional Project through Directed Study
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Education or Free Electives

(24 credits)

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

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

**Total credits for completion of Bachelor of Science degree
- 120**

DIVISION OF GENERAL STUDIES

Degree Programs

Associate of Arts

General Studies

Bachelor of Science

General Studies

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 program is specifically designed to meet the needs of undecided students by exposing them to several areas of study and still allow them to specialize later without loss of credit. It allows students to explore several subject areas before deciding on a program of study. Students beginning and/or completing this degree may continue on to, or change into, any of the four-year degree programs offered at Wilmington College.

Program of Study

The Associate of Arts degree program in General Studies includes courses in English composition, social studies, mathematics, science, and the humanities. In addition, with approval from the Division Chair, a student may structure a core specialization, consisting of 18 credit hours, in a related area of interest.

Sixty total credit hours are required for degree completion.

Curriculum

General Studies Core (42 credits)

BCS 205	Personal Computer Operations I
ENG 101	English Composition I
ENG 102	English Composition II
ENG 111	Advanced Communications Skills
MAT 205	History and Principles of Mathematics
ECO 105	Fundamentals of Economics
SDL 300	Life Planning

Social Studies Elective (Choose 1):

PSY 101 Intro to Psychology

SOC 101 Intro to Sociology

History or Government Elective

OR CRJ 304(Constitutional Law)

Natural Science Elective

Fine Arts Elective

Humanities Electives (9 credits):

Choose 1 of each: Literature, Philosophy, Humanities

Electives (or core specialization)

(18 credits)

GENERAL STUDIES

Bachelor of Science

Program Philosophy and Objectives

This baccalaureate degree is designed for transfer students. This is an ideal program for those who have taken courses at several schools as the result of career or family relocations and now need to change their academic focus and complete a degree. Students must transfer into Wilmington College a minimum of 30 college credits and must complete at least 45 credits at the College to obtain a bachelor's degree requiring a minimum of 120 credits. Students who successfully complete the Associate of Arts degree program in General Studies at Wilmington College may enroll in this program.

All general College policies concerning the requirements for a bachelor's degree relate to this program. Students entering the program are required to obtain the approval of the Academic Advisor.

Goal-Directed Track

Recognizing that existing academic programs may not meet the unique needs of some students, a goal-directed track allows students, with appropriate approval, to design a program of study from existing courses which is academically valid and meets their particular goals.

For approval, students and their academic advisor, in conjunction with the appropriate Division Chair, plan a combination of existing courses to fulfill their educational goals.

Program Competencies

Upon completion of the program, each graduating student will:

1. Exercise critical thinking strategies, including reasoning, problem solving, analysis and evaluation.
2. Demonstrate an understanding of basic mathematics and statistics.
3. Demonstrate effective oral and written communication.
4. Demonstrate an awareness of ethical principles within one's field of study.
5. Demonstrate a commitment to self-directedness, self-discipline, and lifelong learning.
6. Recognize the principles associated with a pluralistic society and show respect for our multicultural world.
7. Demonstrate an awareness of self in relationship to others, including the ability to work in teams.
8. Demonstrate skill in the use of information technologies.
9. Exhibit flexible thinking and goal-directed behaviors.
10. Demonstrate an awareness of creative expression through the arts and humanities.
11. Demonstrate knowledge of the natural sciences.

12. Demonstrate an understanding of basic economic principles.
13. Describe how past and current world events influence contemporary society.

Curriculum

The program design consists of two parts: 20 general education "core" required courses and 20 elective courses. The "core" courses provide a well-rounded academic foundation; the elective courses may be selected to meet individual student goals.

General Studies Core (61-62 credits)

English Composition (12 credits)

- ENG 101 English Composition I
ENG 102 English Composition II
ENG 111 Advanced Communication Skills
Composition Elective

Humanities (21 credits)

- HUM 360 Human World Views and Expressions: Ideas
HUM 361 Human World Views: Applications
PHI 310 Critical Thinking

Humanities Electives (12 credits):

Select 4 courses from the following: fine arts, foreign language, humanities, literature, music, philosophy, and any of these: COM 322 (Aesthetics of Film), DRA, DSN 110 (Digital Imaging), HIS 230 (History of Art and Design)

Social Studies (15 credits)

- ECO 105 Fundamentals of Economics
PSY 101 Introduction to Psychology
SOC 101 Introduction to Sociology
Government Elective OR CRJ 304 (Constitutional Law)
History Elective

Mathematics (3 credits)

- MAT 205 History & Principles 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

Elective Courses (or goal-directed track) (58-59 hours)

LEGAL STUDIES

Bachelor of Science

Purpose

This four-year Bachelor of Science degree in Legal Studies is designed to develop professional and scholarly skills for undergraduate law-related careers or graduate studies in the law field.

Program of Study

The program emphasizes law in a social context within a broad-based curriculum and emphasizes analytical thinking, reading comprehension, research technique, and communication skills, as well as specific legal training. In addition to receiving direct legal research and writing instruction, students learn the historical aspects of law along with how the law is created, applied, interpreted, and changed. Also, the General Studies core courses, which are required of all Wilmington College students, provide a well-rounded academic foundation.

The program offers a balanced education with a broad background in the law. It provides sound preparation for students aspiring to further study in law or for those wishing to enter legal practice as a paralegal or legal assistant. Additionally, students will gain a solid foundation for a career in other areas, including government, human resources, and banking.

Program Admission

Students wishing to enter the Legal Studies program must have an interview with an academic advisor, which will help determine the student's specific area of interest: pre-law, paralegal, or private enterprise.

Program Competencies

Upon graduation, students will be able to:

1. Describe the legal system in relation to its ethical, social, cultural, political, economic, and historical impact.
2. Describe how law is created, applied, interpreted, and changed.
3. Demonstrate an understanding of selective areas of the law.
4. Demonstrate skills in legal research.
5. Show the use of communication skills that is appropriate for entry-level work in the legal profession.

Curriculum

General Studies Core

(40 credits)

BCS	205	Personal Computer Operations I
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 and Expressions: Ideas
HUM	361	Human World Views: Applications
MAT	205	History and Principles of Mathematics
PSY	101	Introduction to Psychology
SOC	101	Introduction to Sociology
SCI	105	Physical Science with Lab
ECO	105	Fundamentals of Economics
PHI	310	Critical Thinking

General Studies Concentration

(15 credits)

MAT	308	Inferential Statistics
HIS	204	World History
HIS	300	Geography and Man
HIS	314	Contemporary US History: 1945 to Present
GOV	326	Public Policy & Social Issues

Legal Studies Core

(30 credits)

LES	120	Introduction to Paralegal Studies
LES	200	Legal Ethics
LES	205	State and Local Government
LES	303	History of American Jurisprudence System
LES	304	Constitutional Law
LES	310	Law and Society
LES	312	Legal Entities, Institutions, and Processes
LES	315	Legal Research, Writing, and Citation
LES	403	Civil Practice
LES	404	Criminal Law

Directed Core Electives			(20 credits)	Senior	
LES	320	Legal Documents Management		1st Semester	2nd Semester
LES	401	LSAT Preparation		Legal Ent., Inst. and Proc.	Legal Research, Writing and
LES	405	Delaware Statutes		Civil Practice	Citation
LES	406	Family Law		Elective	Criminal Law
LES	407	Business and Corporate Law		Elective	Elective
LES	408	Employee Benefits, Labor Law, Labor Arbitration, and Diversity		Elective	Elective
LES	409	Bankruptcy			Elective
LES	410	Real Estate, Transfer, and Ownership			
LES	411	Estates, Trusts, and Probates			
LES	415	Insurance, Finance, Securities, and Trusts			
LES	416	Environmental Law			
LES	417	Intellectual Property			
LES	420	Personal Injury and Medical			
LES	425	Paralegal Advanced Competency Exam (PACE) Preparation			
LES	490	Internship in Legal Studies			

Free Electives **(15 credits)**

Legal Studies Suggested Program Sequence

Freshman

1st Semester	2nd Semester
English Composition I	English Composition II
Introduction to Psychology	Introduction to Sociology
Personal Computer Oper. I	World History
Hist. and Principles of Math	Physical Science with Lab
Intro. to Paralegal Studies	Fundamentals of Economics

Sophomore

1st Semester	2nd Semester
Adv. Comm. Skills	Legal Ethics
State and Local Gov't.	Inferential Statistics
Human World Views: Ideas	Human World Views: App.
Geography and Man	Elective
Elective	Elective

Junior

1st Semester	2nd Semester
Critical Thinking	Building Brain Power
Constitutional Law	Public Policy and Social Issues
Cont. US Hist. 1945-Pres.	Hist. of Amer. Jurisprudence
Elective	System
Elective	Law and Society
	Elective

DIVISION OF INFORMATION TECHNOLOGY & ADVANCED COMMUNICATIONS (iTAC)



DEGREE AND CERTIFICATE PROGRAMS

Associate of Science Degree Program

Media Art, Design & Technology

Bachelor of Science Degree Programs

Information Resource Management

(with managerial concentration)

Information Resource Management

(with technical concentration)

Interactive Multimedia Design & Communication

Internet & Networking Design & Technology

Television & Video Production Design

Minors

Broadcast and Electronic Journalism

Drama

Graphic Design and Desk Top Publishing

Internet and Networking

Multimedia Production

Certificate Programs*

Computer Programming

Software Systems Development

* Undergraduate Degree/Certificate combination
or Certificate only

Overview

Wilmington College's Information Resource Management, "New" Technology, and Media Art and Design programs have been developed for those students wishing to work in informational technology fields 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, Networking and Internet Design, 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 increased 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 Resource Management careers include the fields of IT Project Leader/Manager, Application Builder, Analyst, Database Specialist, E-commerce Analyst, and

Network Specialist, among many others. Recent Department of Labor surveys have universally supported the notion that the nation's demand for IT professionals outweighs supply across all industry segments. Wilmington College's Division of Information Technology and Advanced Communications programs involve courses that are taught, using an appropriate balance of theory and practice, in our newly established computer labs and in our recently designed and extensively equipped studios.

Philosophy

The mission of the Information Technology and Advanced Communications Division is to explore the conceptual and practical aspects of information technologies and to address problems of design in media communications from a creative, technical, and managerial perspective such that students will become competent practitioners, able in the use of technology and capable of assuming a leadership role in its stewardship and implementation. 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.

Competencies

Upon graduation, all iTAC students will be able to:

1. Apply theory and practice to contemporary professional projects;
2. Appreciate the traditions and sensitivities of his/her chosen profession;
3. Demonstrate appropriate analytical skills;
4. Demonstrate effective communication through the expression of written, oral, and visual ideas;
5. Demonstrate flexibility in meeting the challenges of an evolving global environment;
6. Demonstrate professional and ethical behavior in and out of the academic environment;
7. Demonstrate personal skills in self-management, information processing, and problem solving;
8. Display attitudes of adaptability, curiosity, self-confidence, and flexibility;
9. Qualify for a professional position in his/her chosen career field.

Participants in the design-oriented four-year bachelor's programs will be able to:

1. Demonstrate an understanding of the aesthetics of design and its importance in the world of communications and technology;
2. Demonstrate proficiency in both analog and digital technologies;
3. Provide a portfolio of work that illustrates his/her skills and potential.

Students in the Information Resource Management four-year bachelor's programs will be able to:

1. Demonstrate a systems approach to organizational problems in a complex working environment;
2. Demonstrate a professional understanding of the precepts of management which govern the notion of information as a corporate or organizational asset;
3. Demonstrate a thorough grasp and understanding of informational practices that are grounded in theory and tempered by experience;
4. Demonstrate the infrastructural nature of information resource management and the capital implications of intellectual property within an organization;
5. Demonstrate the ability to apply various models of planning, actuating, and controlling an informational environment within a modern organization.

Certificate Competencies:

1. Certificate in Computer Programming: Students earning this certificate will have acquired skills in object-oriented programming, user interface design and evaluation, data structures and programming in C++, Java and Visual Basic. These skills lead to positions typically titled "computer programmer."
2. Certificate in Software Systems Development: Students earning this certificate will have acquired skills in system-level programming, databases, networks, distributed systems, software engineering methods and software project management. These skills lead to titles such as "programmer/analyst," "system designer" and "software engineer."

General Purpose

The Division of Information Technology and Advanced Communications (iTAC) programs are designed to address a wide range of career needs surrounding the informational technology fields in general, and in the media arts and design industries. The diversity of activities and occupations within these professions has little tradition of formal training, and the accelerated rate – and constancy – of change has been nothing short of phenomenal, challenging the emerging academic disciplines in many ways other than sheer pace. The interrelationships of the various parts of the professions, the traditions of the different media, and the power and influence of their professional bodies make it a difficult professional and workaday world to understand. These difficulties are compounded by the new and rapidly changing technologies that are quickly being integrated into all areas. While there is inevitably some divergence in the advice that is received from established professionals in the fields, there is also considerable agreement. To establish oneself in this competitive world, the ability to "sell" oneself, to be adaptive and work well

in teams, to demonstrate a creative flair, and to be visually aware and technically competent, are all important and allied attributes. 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 the practical, hands-on assignments associated with iTAC.

The Program of Study

All Information Technology and Advanced Communications programs observe a rigorous academic regimen involving core areas of study. The Information Resource Management (IRM) degree closely follows the “IS 97 Model Curriculum and Guidelines for Undergraduate Degree Programs in Information Systems” as created by a joint effort between ACM, AIS, and AITP. Both the managerial and technical concentrations consist of a total of 120 credit hours. Each includes a Business and Management Core of 27 credit hours, 6 credit hours of Technical Support, and a General Studies core of 39 credit hours to provide a well-rounded academic program. The managerial concentration consists of 30 core credit hours in Information Resource Management (IRM) plus 18 credit hours of free electives, while the technical concentration consists of 36 core credit hours of Software Systems Development (SSD) courses and 12 credit hours of free electives.

The design-oriented programs of study use the Associate of Media Art & Design degree as their core for the freshman and sophomore years. The associate degree is comprised of a General Studies core of ten courses (30 credit hours) and a Media Design and Technology core of nine courses (27 credit hours). An elective (3 credit hours) from one of the four-year programs allows the students an opportunity to sample one of these specialized courses and to complete the associate degree (60 credit hours).

Each four-year degree program involving a design-emphasis continues with three more General Studies courses (9 credit hours) plus 14 courses (42 credit hours) of specialized core and an additional three courses (9 credit hours) of directed electives. These courses, in combination with the associate degree requirements of the first two years, complete the 120 credit hours required for the four-year degree. An internship is also included in all four-year programs to give students a chance for on-the-job experience in their major field of study.

The General Studies core provides a foundation in English, the fine arts, and the social sciences along with design; and the Media Design core explores those areas of technology and design that integrate within the media communications field. Finally, the specialized core, which is different for each program, provides a focused introduction to the student’s major field of study.

MEDIA ART, DESIGN & 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.

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. Cameras, computers, microphones, and recorders are merely tools for creating those images and sounds that are used in the final design and, though important, learning their use is only a small part of the process. To succeed in these professions, students need to be creative and innovative thinkers.

The design approach to our programs provides an opportunity to develop a two-year associate degree that is a basic core to all design-oriented baccalaureate programs offered in the division. 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 Studies Core

(30 credits)

ART 210	Basic Design
BCS 210	Computer Science
COM 245	Writing for the Media
COM 300	Communication Theory
ECO 105	Fundamentals of Economics
ENG 101	English Composition I
HIS 230	History of Art and Design
MAT 205	History and Principles of Math
PSY 101	Introduction to Psychology
SCI 110	Physics

Media Design and Technology Core

(27 credits)

DSN 110	Fundamentals of Drawing
DSN 120	Desk Top Publishing
DSN 201	Fundamentals of Animation
DSN 210	Digital Image Manipulation
DSN 220	Concept Development
TEC 101	Introduction to Audio
TEC 102	Introduction to Video
TEC 120	Demystifying the Internet
TEC 215	Basic Photographic Techniques I

Elective (suggested list)		(3 credits)
COM 201	Radio Production	
COM 302	Corporate Video Editing	
COM 306	Script Writing	
COM 307	Streaming Media	
COM 310	Legal Aspects of Communication	
COM 318	Fundamentals of Multimedia	
COM 331	Single Camera Video Production	
COM 344	Writing and Reporting for the News Media	
COM 345	Electronic Journalism	
COM 360	Human Computer Interface Design	
COM 410	Television Studio Production	
COM 420	Non-linear Editing	
COM 431	Media and Society	
COM 432	Media Research Methods	
COM 435	Comparative International Broadcasting	
DRA 105	Introduction to Theater	
DRA 110	Acting I	
DRA 120	Introduction to Directing	
DRA 140	Origins and Early Forms of Theater	
DRA 200	Playwriting	
DRA 220	Performance	
DRA 230	Introduction to Scene Design	
DSN 105	Visual Communication	
DSN 230	Graphic Design Applications	
DSN 310	Advanced Animation	
DSN 320	Introduction to Web Page Design	
DSN 401	Publication Design (Advanced Desk Top Publishing)	
SSD 101	Introduction to Programming with Java	
TEC 225	Digital Photography	
TEC 235	Black & White Photography	
TEC 245	Basic Photographic Techniques II	
TEC 305	TV Studio and Location Lighting	
TEC 330	Introduction to Network Management	
TEC 340	Computer Technology	
TEC 366	Photojournalism I	
TEC 405	Photographic Studio Lighting	

Suggested Program Sequence

Freshman

Semester 1

ART 210
BCS 210
ENG 101
PSY 101
TEC 120

Semester 2

COM 245
DSN 110
DSN 120
MAT 205
TEC 101

Sophomore

Semester 1

DSN 210
ECO 105
HIS 230
TEC 102
Elective (3 credits)

Semester 2

COM 300
DSN 201
DSN 220
SCI 110
TEC 215

INFORMATION RESOURCE MANAGEMENT

Bachelor of Science

Philosophy

The Wilmington College 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 managerial track of the IRM program is closely aligned with the business curriculum at Wilmington College, while the goal of the technical track is to prepare students for careers in software systems development and computer programming. 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. 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 College'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. The individual student will, following completion of this program, possess working knowledge of the technology and will be capable of husbanding IT as informational/business assets.

Information Resource Management Curriculum

Common Foundation Course Requirements

General Studies Core (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 and Expressions: Ideas
HUM	361	Human World Views: Applications
MAT	101	College Math I
SCI	110	Physics 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

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

(27 credits)

BAC	101	Accounting I
BBM	201	Principles of Management
BBM	301	Organization Behavior
BBM	320	Business Communication (or equivalent)
BLA	303	Legal and Ethical Environment of Business
BMK	305	Marketing
FIN	305	Financial Management
HRM	311	Human Resource Management
BBM	319	Business Ethics

Managerial Concentration Course Requirements

Information Resource Management

(30 credits)

IRM	100	Fundamentals of Information Systems
IRM	110	Personal Productivity with IS Technology
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

Free Electives

(18 credits hours)

Choose 18 credits from the following:

BBM, BCS, BLA, COM, ECO, FIN, HIS, GOV, PSY, PHI, SOC, SSD, TEC, IRM202, IRM455, IRM460, IRM490

Technical Concentration Course Requirements

Software Systems Development (36 credits)

SSD 101	Introduction to Programming with Java
SSD 190	Introduction to Information Systems
SSD 191	Introduction to Computer Systems
SSD 290	Object-Oriented Programming and Design
SSD 291	User-Centered Design and Testing
SSD 390	Data Structures and Algorithms
SSD 391	System-Level Programming
SSD 392	Database Systems
SSD 490	Networks and Distributed Computing
SSD 491	Software Specification, Testing, and Maintenance
SSD 492	Software Project Organization and Management

Free Electives (12 credits hours)

Choose 12 credits from the following:

BBM, BCS, BLA, COM, ECO, FIN, GOV, HIS, IRM460, IRM490, PHI, PSY, SOC, TEC

Suggested Program Sequence, Managerial Concentration

Freshman

Semester 1

BCS 206
ENG 101
MAT 101
SCI 110
Elective (3 credits)

Semester 2

ECO 105
ENG 102
IRM 100
MAT 102
Elective (3 credits)

Sophomore

Semester 1

BAC 101
IRM 110
IRM 200
MAT 308
Elective (3 credits)

Semester 2

BBM 201
IRM 300
IRM 310
Electives (6 credits)

Junior

Semester 1

BBM 301
ENG 111
HUM 360
IRM 320
IRM 400

Semester 2

BBM 320
BLA 303
HUM 361
IRM 410
Elective (3 credits)

Senior

Semester 1

FIN 305
HRM 311
IRM 420
Electives (6 credits)

Semester 2

BMK 305
BBM 319
IRM 450
Electives (6 credits)

Suggested Program Sequence, Technical Concentration

Freshman

Semester 1

BCS 206
ENG 101
MAT 101
SCI 110
SSD 101

Semester 2

ECO 105
ENG 102
SSD 190
MAT 102

Sophomore

Semester 1

BAC 101
SSD 290
MAT 308
Elective (6 credits)

Semester 2

BBM 201
SSD 191
SSD 291
Electives (6 credits)

Junior

Semester 1

BBM 301
ENG 111
HUM 360
SSD 390
Elective (3 credits)

Semester 2

BBM 320
BLA 303
HUM 361
SSD 391
Elective (3 credits)

Senior

Semester 1

FIN 305
HRM 311
SSD 392
SSD 490
Elective (3 credits)

Semester 2

BMK 305
BBM 319
SSD 491
SSD 492
Elective (3 credits)

INTERACTIVE MULTIMEDIA DESIGN & COMMUNICATION

Bachelor of Science

Purpose

Interactive multimedia, an exciting field of integrated electronic design, has exploded into education, business and entertainment markets over the past few years. This rapid development has led to the creation of many employment opportunities. Students will become proficient in planning and scripting; story boarding; digital capture; and editing of audio, video, and still images. They will also gain an understanding of the theory of intuitive interface design. Content includes: Video, Non Linear Editing, Photography, Desk Top Publishing, Digital Imaging Manipulation, Graphic Design, Digital Sound, Typography, Animation, Video and Audio Production, and Media Design Theory.

Curriculum

General Studies Core

(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: Ideas
HUM 361	Human World Views: Applications
MAT 205	History and Principles of Math
PSY 101	Introduction to Psychology
SCI 110	Physics

Media Design and Technology Core

(30 credits)

DSN 110	Fundamentals of Drawing
DSN 120	Desk Top Publishing
DSN 201	Fundamentals of Animation
DSN 210	Digital Image Manipulation
DSN 220	Concept Development
TEC 101	Introduction to Audio
TEC 102	Introduction to Video
TEC 120	Demystifying the Internet
TEC 215	Basic Photographic Techniques I
Elective (3 credits)	

Multimedia Design Core

(42 credits)

COM 310	Legal Aspects of Communication
COM 318	Fundamentals of Multimedia
COM 346	Introduction to Interactive Authoring
COM 360	Human Computer Interface Design
COM 420	Non-linear Editing
COM 431	Media and Society
COM 446	Advanced Interactive Authoring
COM 485	Advanced Production Design A (1 credit)
COM 486	Advanced Production Design B (2 credits)
COM 490	Internship
DSN 230	Graphic Design Applications
DSN 310	Advanced Animation
DSN 401	Publication Design (Adv. Desk Top Publishing)
DSN 410	Advanced Digital Image Manipulation
TEC 405	Photographic Studio Lighting

Electives

(9 credits)

Substitute electives may be added when appropriate.

Suggested Program Sequence

Freshman

Semester 1

ART 210
BCS 210
ENG 101
PSY 101
TEC 120

Semester 2

COM 245
DSN 110
DSN 120
MAT 205
TEC 101

Sophomore

Semester 1

DSN 210
ECO 105
HIS 230
TEC 102
Elective (3 credits)

Semester 2

COM 300
DSN 201
DSN 220
SCI 110
TEC 215

Junior

Semester 1

COM 318
COM 346
DSN 310
DSN 401
TEC 405

Semester 2

COM 360
COM 420
DSN 230
DSN 410
HUM 360

Senior	
Semester 1	Semester 2
COM 431	COM 310
COM 446	COM 322
COM 485	COM 486
COM 490	HUM 361
Electives (6 credits)	Elective (3 credits)

INTERNET AND NETWORKING DESIGN & TECHNOLOGY

Bachelor of Science

Purpose

Today most organizations have an internal computer network or a presence on the Internet. This field has expanded tremendously and the opportunities for graduates in these areas are unlimited. Job applicants who are conversant in technical language and who simultaneously offer good design skills should easily find employment. Such opportunities will only increase as the explosion in global communication, networking, and the Internet continues to grow to meet worldwide demand.

The exciting world of networking and the Internet needs creative, technical managers; resourceful people, confident with technology, who are able to operate at the middle management level. The Internet and Networking Design and Technology program will provide students with the necessary skills, theory, and practice for entry-level positions in this demanding and fascinating field.

Curriculum

General Studies Core		(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: Ideas	
HUM 361	Human World Views: Application	
MAT 205	History and Principles of Math	
PSY 101	Introduction to Psychology	
SCI 110	Physics	

Media Design and Technology Core		(30 credits)
DSN 110	Fundamentals of Drawing	
DSN 120	Desk Top Publishing	
DSN 201	Fundamentals of Animation	
DSN 210	Digital Image Manipulation	
DSN 220	Concept Development	
TEC 101	Introduction to Audio	
TEC 102	Introduction to Video	
TEC 120	Demystifying the Internet	
TEC 215	Basic Photographic Techniques I	
Elective (3 credits)		

Networking and Internet Core		(42 credits)
COM 310	Legal Aspects of Communications	
COM 318	Fundamentals of Multimedia	
COM 346	Introduction to Interactive Authoring	
COM 360	Human Computer Interface Design	
COM 420	Non-Linear Editing	
COM 431	Media and Society	
COM 485	Advanced Production Design A (1 credit)	
COM 486	Advanced Production Design B (2 credits)	
COM 490	Internship	
DSN 320	Introduction to Web Page Design	
DSN 401	Publication Design (Advanced Desk Top Publishing)	
DSN 420	Advanced Web Page Design	
TEC 330	Introduction to Network Management	
TEC 340	Computer Technology	
TEC 430	Advanced Network Management	

Electives	(9 credits)
Substitute electives may be added when appropriate.	

Suggested Program Sequence

Freshman

Semester 1	Semester 2
ART 210	COM 245
BCS 210	DSN 110
ENG 101	DSN 120
PSY 101	MAT 205
TEC 120	TEC 101

Sophomore

Semester 1	Semester 2
DSN 210	COM 300
ECO 105	DSN 201
HIS 230	DSN 220
TEC 102	SCI 110
Elective (3 credits)	TEC 215

Junior		Media Design and Technology Core		(30 credits)	
Semester 1	Semester 2	DSN 110	Fundamentals of Drawing		
COM 318	COM 346	DSN 120	Desk Top Publishing		
DSN 320	COM 360	DSN 201	Fundamentals of Animation		
DSN 401	HUM 360	DSN 210	Digital Image Manipulation		
TEC 330	HUM 361	DSN 220	Concept Development		
TEC 340	Elective (3 credits)	TEC 101	Introduction to Audio		
		TEC 102	Introduction to Video		
		TEC 120	Demystifying the Internet		
		TEC 215	Basic Photographic Techniques I		
		Elective (3 credits)			
Senior		Television & Video Prod. Design Core		(42 credits)	
Semester 1	Semester 2	COM 306	Script Writing II		
COM 431	COM 310	COM 310	Legal Aspects of Communications		
COM 485	COM 322	COM 331	Single Camera Video Production		
COM 490	COM 420	COM 401	Producing the Documentary		
DSN 420	COM 486	COM 410	TV Studio Production		
TEC 430	Elective (3 credits)	COM 411	TV Studio Production 2		
Electives (3 credits)		COM 420	Non-linear Editing		
		COM 431	Media & Society		
		COM 432	Media Research Methods		
		COM 435	Comparative International Broadcasting		
		COM 450	Telecommunications Media Management		
		COM 485	Advanced Production Design A (1 credit)		
		COM 486	Advanced Production Design B (2 credits)		
		COM 490	Internship		
		TEC 305	TV Studio and Location Lighting		
		Electives (9 credits)			
		Substitute electives may be added when appropriate.			

TELEVISION AND VIDEO PRODUCTION DESIGN

Bachelor of Science

Purpose

The video production major is designed to give students the opportunity to explore the processes and potentials of various communication fields. A major in video production appeals to students wishing to pursue careers in television. Students entering this concentration come from diverse backgrounds, including those with high school experience in journalism and broadcasting, as well as those with training in electronics and computers.

Curriculum

General Studies Core		(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: Ideas		
HUM 361	Human World Views: Applications		
MAT 205	History and Principles of Math		
PSY 101	Introduction to Psychology		
SCI 110	Physics		

Suggested Program Sequence

Freshman		Semester 2	
Semester 1		Semester 2	
ART 210		COM 245	
BCS 210		DSN 110	
ENG 101		DSN 120	
PSY 101		MAT 205	
TEC 120		TEC 101	
Sophomore		Semester 2	
Semester 1		Semester 2	
DSN 210		COM 300	
ECO 105		DSN 201	
HIS 230		DSN 220	
TEC 102		SCI 110	
Elective (3 credits)		TEC 215	

Junior

Semester 1

COM 331
COM 401
COM 432
TEC 305
Elective (3 credits)

Semester 2

COM 306
COM 410
COM 420
HUM 360
HUM 361

Senior

Semester 1

COM 411
COM 431
COM 435
COM 485
COM 490
Elective (3 credits)

Semester 2

COM 310
COM 322
COM 450
COM 486
Elective (3 credits)

INFORMATION TECHNOLOGY AND ADVANCED COMMUNICATIONS MINORS

Purpose

The minors offered in this division are designed to provide all Wilmington College 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.

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 201	Radio Broadcasting and Production
COM 240	Broadcast Journalism
COM 344	Writing and Reporting for the News Media
COM 345	Electronic Journalism
COM 435	Comparative International Broadcasting

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	Directing I
DRA 220	Performance

Graphic Design and Desk Top Publishing Minor

Most companies have some form of newsletter, public relations or publication needs; this minor allows the students to develop their creative skills in the print design and computer interface fields.

DSN 120	Desk Top Publishing
DSN 210	Digital Image Manipulation
DSN 220	Concept Development
DSN 230	Graphic Design Applications
DSN 401	Publication Design

Internet and Networking Minor

This minor will allow students to develop an insight into informational technologies which, when linked to their major, will give them added employment potential in the dynamic fields of *Network and Internet Administration*; *Web Site Development*; *Intranet and Networking Consultation*; or management, sales and marketing, where a knowledge of the web-based technologies would be beneficial.

COM 346	Introduction to Interactive Authoring
COM 360	Human Computer Interface Design
DSN 210	Digital Image Manipulation
DSN 320	Introduction to Web Page Design
TEC 330	Introduction to Network Management

Multimedia Production Minor

The rapid development of this new 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 318	Fundamentals of Multimedia
COM 420	Non-Linear Editing
COM 346	Introduction to Interactive Authoring
DSN 210	Digital Image Manipulation
DSN 310	Advanced Animation

Certificate Program

These two certificate programs are offered through a partnership with iCarnegie, Inc., an educational affiliate of Carnegie Mellon University. The course material is delivered in a *blended education* approach that combines instructor-led classroom lecture and lab with web-based home study for a rich and thorough learning experience.

The iCarnegie 10-course curriculum and Software Systems Development certification are rooted deeply in the traditions of Carnegie Mellon's School of Computer Science, which is consistently ranked among the top programs in the world. The successful blend of principle and practice found in the iCarnegie coursework means that students are building significant software applications, based on the modern computing practices found in today's working environments. In addition, the iCarnegie curriculum is updated every six months to capture new technology and workplace trends so that students stay as current and relevant as possible.

A distinguishing feature of this program is that the courses form a tightly integrated whole. Success in each course depends on mastery of the material in the prerequisite courses. All of the course material is presented in the context of useful system development: students are continually reminded that software is built to meet requirements, and that it must be functional, usable, robust and maintainable.

Undergraduate Degree/Certificate Combination

When taken together, these two certificate programs provide the technical core to the bachelor's degree in Information Resource Management (Technical Track) offered by Wilmington College. Students may elect to continue their education to work toward the IRM degree upon completion of the both certificates.

Computer Programming

The Certificate in Computer Programming, which requires five courses encompassing skills in object-oriented programming, user interface design and evaluation, data structures and programming in C++, Java, and Visual Basic. Completion of these five courses would enable the student to successfully compete for positions typically titled "computer programmer." The five courses are the first five core courses in the IRM Technical Option.

SSD 190	Introduction to Information Systems
SSD 191	Introduction to Computer Systems
SSD 290	Object-Oriented Programming and Design
SSD 291	User-Centered Design and Testing
SSD 390	Data Structures and Algorithms.

Software Systems Development

The Certificate in Software Systems Development (SSD) requires five additional courses, adding skills in system-level programming, databases, networks, distributed systems, software engineering methods and software project management. Successful completion of this certificate would lead to occupational titles such as "programmer/analyst," "system designer" and "software engineer." These five courses are the final five core courses in the Information Resource Management Technical Option.

SSD 391	System-Level Programming
SSD 392	Database Systems
SSD 490	Networks and Distributed Computing
SSD 491	Software Specification, Testing, and Maintenance
SSD 492	Software Project Organization and Management

Students may sample the experience of learning how to program by first taking SSD 101, Introduction to Programming with Java. This is a 3-credit course that was developed at Wilmington College to help prepare students for the iCarnegie program and as an introduction to programming.



BACHELOR OF SCIENCE IN NURSING

BACHELOR OF SCIENCE IN NURSING WITH HISPANIC CULTURAL TRACK

Certificates

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 continue their education at Wilmington College and earn a Bachelor of Science in Nursing 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 and Dover sites. Nurses can pursue their education on a part-time or full-time basis. In addition, the General Studies core courses, required of all Wilmington College 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 are accredited by the National League for Nursing Accrediting Commission (NLNAC). The BSN program first earned accreditation in 1988. The MSN program earned initial accreditation in 1996. Both programs conducted site visits in 2001 and earned accreditation for eight years from the NLNAC.

NLNAC
61 Broadway - 33rd Floor
New York City, NY 10006
Phone: 212-363-5555

The BSN and MSN programs hold approval from the Commission on Collegiate Nursing Education, an agency recently approved to accredit baccalaureate and master's nursing programs. The first site visit for the programs at Wilmington College 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.

Nursing Admission

General Requirements

Students are admitted to the College and to the Division of Nursing without regard to race, age, creed, sex, or national origin. Registered nurses are considered transfer students to Wilmington College 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 College application form.
2. Students are required by state law to complete the Wilmington College Health History form, which includes a record of immunizations.
3. Students are responsible for following all Division policies and procedures, which are distributed in NUR 305.
4. The Division of Nursing sets a required minimum grade of "C-" for all nursing core courses.
5. Students are required to submit appropriate documentation in clinical courses.

Curriculum

LOWER DIVISION REQUIREMENTS

General Studies Core

(24 credits)

BCS 205	Personal Computer Operations I
<u>OR</u>	
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 twelve credits in anatomy & physiology, microbiology, and chemistry must be earned through course work, transfer credit, or testing (available for anatomy/physiology and microbiology).

Lower Division Nursing Core

(30 credits)

Lower division nursing course work equivalent to 30 credits is transferred from associate degree or diploma programs.

UPPER DIVISION REQUIREMENTS

Upper Division Nursing Core (31 credits)

NUR 305	Exploration of Professional Nursing (4 credits)
NUR 315	Ethics & Technology
NUR 320	Disability and Chronic Care
NUR 325	Research Dimensions
NUR 330	Leadership Dimensions*
NUR 410	Life Span Assessment*
NUR 420	Community Health Dimensions
NUR 425	Community Health Practicum*
NUR or HLT	electives (6 credits)

* Includes clinical or laboratory experiences

General Studies Core (15 credits)

HUM 360	Human World Views & Expressions: Ideas
HUM 361	Human World Views: Applications
MAT 308	Inferential Statistics

Humanities Electives (6 credits)

Choose two courses from the following:

PHI, HUM, ART, DRA, LIT, MUS, Foreign Language,
COM 245, COM 322, DSN 110, ENG 360, ENG 365,
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 305, (d) completion of statistics, (e) completion of NUR 325, and (f) 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.

BACHELOR OF SCIENCE IN NURSING WITH HISPANIC CULTURAL TRACK

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 College and earn a Bachelor of Science in Nursing with an emphasis in Hispanic culture. This track will educate BSN-prepared students to provide culturally competent care to the increasing Hispanic population.

Program of Study

The BSN degree with a Hispanic Cultural Track is progressive and designed for today's registered nurses. The course of study will consist of 18 credit hours within the BSN program. The program will utilize a variety of institutions that provide health care to Hispanic communities. The program is offered at the New Castle campus and the Georgetown and Dover sites. Nurses can pursue this track on a part-time or full-time basis. In addition, the General Studies core courses, required of all Wilmington College undergraduates, provide a well-rounded academic foundation.

Career Opportunities

Upon completion of this program, students are prepared to provide care to Hispanic clients and their families. Currently, many job listings for nurses in newspapers require nurses to be "bilingual" in Spanish. This curriculum also provides a foundation for graduate education and for career mobility.

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 who have taken the Hispanic Cultural Track will:

1. Use critical thinking as a basis for identifying health-related needs of individuals, families, and communities.
 - a. Analyze family and personal health data from Hispanic individuals, families, and communities in their own language.
 - b. Identify health and social needs of Hispanic communities.

2. Synthesize knowledge from the humanities and physical, behavioral, and nursing sciences to provide nursing care to clients across the lifespan in a variety of health care settings.
 - a. Promote the art of nursing by valuing the unique aspects of the Hispanic culture while providing culturally competent health care.
3. Incorporate theoretical perspectives into nursing practice.
4. Demonstrate skill and commitment in the role of teacher.
 - a. Implement health care, education, and counseling to Hispanic individuals, families, and communities.
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.
 - a. Design culturally-appropriate health and social services for the Hispanic population.
9. Demonstrate commitment to self-directed, lifelong learning to promote personal and professional development.
10. Demonstrate effective oral and written communication.

Nursing Admission

General Requirements

Students are admitted to the College and to the Division of Nursing without regard to race, age, creed, sex, or national origin. Registered nurses are considered transfer students to Wilmington College 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 College application form.
2. Students are required by state law to complete the Wilmington College Health History form, which includes a record of immunizations.
3. Students are responsible for following all Division policies and procedures, which are distributed in NUR 305.
4. The Division of Nursing sets a required minimum grade of "C-" for all nursing core courses.
5. Students are required to submit appropriate documentation in clinical courses.
6. Students are required to submit an intent form for this track.

Curriculum

Lower Division Requirements

General Studies Core

(24 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

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

Lower Division Nursing Core

(30 credits)

Lower division nursing course work equivalent to 30 credits is transferred from associate degree or diploma nursing programs.

Curriculum for BSN with Hispanic Cultural Track

Upper Division Requirements

BSN Nursing Core

(22 credits)

NUR 305 Exploration of Professional Nursing

NUR 315 Ethics and Technology

NUR 320 Disability and Chronic Care**

NUR 325 Research Dimensions**

NUR 330 Leadership Dimensions*

NUR 410 Life Span Assessment

NUR 420 Community Health Dimensions**

* Includes clinical or laboratory experiences

** Assignments in the course will focus on the Hispanic population

BSN Hispanic Cultural Track (18 credits)

HUM 340	Spanish Culture and Enrichment
SPA 301	Practical Spanish I
SPA 302	Practical Spanish II
SPA 305	Spanish for Health Care Personnel
HLT 371	Cultural Diversity in Health and Illness
NUR 426	Hispanic Community Health Practicum*

*Includes clinical or laboratory experiences

General Studies Core (9 credits)

HUM 360	Human World Views and Expressions: Ideas
HUM 361	Human World Views: Applications
MAT 308	Inferential Statistics

Total credits for BSN with Hispanic Cultural Track -120**Free Electives**

Choose free electives if needed to complete degree requirements.

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 can not 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 credit hours. Building on the basic nursing foundation that students have, the track 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 job listings for nurses in local newspapers and nursing journals require nurses to be "bilingual" in Spanish.

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.

General Requirements

The program is open to all RN's. 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 College Health History form documenting required immunizations.

Curriculum for Hispanic Cultural Certificate

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

*Includes clinical or laboratory experiences

Total credits for the Hispanic Cultural Certificate - 18

COURSE DESCRIPTIONS

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

Neo-classicism, 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**

Introduction to 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 35 mm camera is offered.

**The Great Themes* volume of the *Time-Life Library of Photography* is 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

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.

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.

<p>BAC 102 3 credits</p> <p>Accounting II</p> <p>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</p>	<p>BAC 321 3 credits</p> <p>Tax Accounting I</p> <p>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</p>
<p>BAC 201 3 credits</p> <p>Intermediate Accounting I</p> <p>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</p>	<p>BAC 322 3 credits</p> <p>Tax Accounting II</p> <p>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</p>
<p>BAC 202 3 credits</p> <p>Intermediate Accounting II</p> <p>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</p>	<p>BAC 401 3 credits</p> <p>Advanced Accounting I</p> <p>This course examines problems relating to business combinations, consolidated financial statements, debt restructuring, corporate reorganizations, and liquidations. Prerequisite: BAC 202</p>
<p>BAC 301 3 credits</p> <p>Cost Accounting I</p> <p>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</p>	<p>BAC 402 3 credits</p> <p>Advanced Accounting II</p> <p>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</p>
<p>BAC 302 3 credits</p> <p>Cost Accounting II</p> <p>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</p>	<p>BAC 423 3 credits</p> <p>Auditing</p> <p>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</p>
	<p>BAC 435 3 credits</p> <p>Accounting Information Systems (AIS)</p> <p>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: MIS 320 and BAC 423</p>

BAC 460-1 **3 credits**
Topics in Accounting
This course is an intensive study of selected topics related to accounting. Emphasis is on in-depth research in financial/managerial accounting, tax, or auditing as selected by the student. Prerequisite: Advanced standing and permission of the instructor

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

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 460-1 **3 credits**
Topics in Aviation
This is an intensive study of selected contemporary topics related to aviation.

BAM 490-4 **3 credits**
Internship in Aviation Management
This is an approved internship in a selected aviation management activity. The course is graded pass/fail.

BUSINESS MANAGEMENT

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 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	3 credits	BBM 320 Business Communications This course is a detailed study and application of various types of oral and written communication used in business. Included are technologies that enhance communication effectiveness, international considerations, presentation and interviewing skills, and written forms of communication such as memos, procedures, resumes, and formal reports. Students' writing skills are evaluated through written assignment during the first class. Prerequisites: ENG 102 and BBM 201	3 credits
BBM 302 Business and the Environment The course will focus on how business operates within the environment. It will first concentrate on the history of environmental legislation and the early response of business to environmental responsibility. The course will then provide a basic understanding of environmental science and environmental issues as they relate to industry, sustainability, and strategic decision frameworks that will aid a corporation in meeting its environmental responsibility. Prerequisite: BBM 201	3 credits	BBM 331 Business and Society 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.	3 credits
BBM 310 Materials Management This course analyzes the flow of materials from the raw stages through the finished product. Purchasing requirements are reviewed and effective storage and inventory of goods are analyzed. Methods for receiving, inspecting, packaging, shipping, assembly, and finishing products are examined. Prerequisite: BBM 201	3 credits	BBM 340 Public Administration This course is intended for students who have a working knowledge of government and are in a management area of study. The first half of the course examines concepts and settings of public administration and its core functions. The course then addresses the convergence of management, politics, and law in the public sector.	3 credits
BBM 315 Supervisory Management The supervisor's relationship to the total management environment is analyzed. The supervisor's management efforts are discussed, as well as the relationship between supervisor and individual employee. This contemporary course is helpful to any student interested in the principles and practices of effective supervision. Prerequisite: BBM 201	3 credits	BBM 350 Introduction to E-Commerce This course exposes students to a survey of all of the key issues regarding e-commerce, including web sites, legacy database systems and the web, choosing a server, security, managing the web, marketing and technical aspects, approaching the .com market, and basic e-commerce concepts.	3 credits
BBM 319 Business Ethics This course begins with a consideration of the meaning of ethics. Several philosophical approaches to ethics are reviewed. Ethical decisions are examined regarding consumers, employees, and relations with the rest of society. Every effort is made to define ethical conduct in the theoretical and pragmatic sense so that students are aware of the concept of ethics and its importance. Prerequisite: BBM 201	3 credits	BBM 351 Small Business Management This course provides the student with a combination of theoretical and practical knowledge in the area of small business management. The unique characteristics of small businesses are examined. The course makes the student aware of ideas, concepts and philosophies important to the success of small businesses. Prerequisite: BBM 201	3 credits

BBM 355 3 credits Quality Management This course concentrates on the tools required to create a total quality work environment. Emphasis is on improving leadership abilities, employee involvement/teamwork, and initiating performance management techniques to measure progression. Trouble shooting 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. Prerequisite: BBM 201	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. Students are required to complete a major field examination early in this course. The content of the examination reflects the basic knowledge and understanding gained in the core business curriculum. Ensure all prerequisites are completed prior to registering for this course. Prerequisites: BAC 102, BBM 201, BBM 320, BLA 303, BMK 305, ECO 102, FIN 305, and MAT 302
BBM 366 3 credits Entrepreneurship The focus of this course is on the critical aspects of starting and maintaining a business. The course takes the student from the point of seeing their business as a “concept” through making the business a reality. Important factors relating to financial, legal, economic, marketing, decision making, human resource management, and operations management are discussed with respect to self-employment. Prerequisite: BBM 201	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 and BBM 201
BBM 370 3 credits Global Business Management This course presents an analysis of areas involved in managing business in an international environment. Areas of concentration include: political, legal, economic, cultural, and financial factors which influence doing business in a foreign country. Additional factors of human resource management and strategic planning will be addressed. To operate effectively, businesses must understand the differences between managing solely in a domestic environment compared to an international one. Prerequisites: BBM 201 and ECO 101	BBM 460-1 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 380 3 credits Seminar in Public Administration This course covers responsibilities of public administration, including organization of work, recruitment, hiring, training, evaluation, promotion and termination of employees, and the management of resources.	BBM 490-4 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. This course is graded pass/fail.

COMPUTER OPERATIONS

BCS 095

0 credits

Macintosh Seminar

This introductory session will introduce students to the Macintosh computers that are used for design-oriented courses in the iTAC Division. Comparison to PCs running Windows will be covered. Particular emphasis will be given to the Macintosh operating system OS X, and how files are saved and shared in a networked environment. Participants are expected to be familiar with the Windows 9x/XP operating system for PCs.

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 is a hands-on course, using Windows-compatible personal computers. Students are introduced to some historical aspects of computerization as well as the current environment. Students use word processing presentations and spreadsheet software.

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 system and Microsoft Office-based word processing, presentation, and spreadsheet software.

BCS 210

3 credits

Computer Science

This course introduces both the theory and application of modern day computing and how market forces have influenced developments. It compares the Macintosh platform with the PC platform and looks at file preparations, file management, storage and retrieval on both. Particular emphasis is placed on the role of the Macintosh platform in the design world, so students are prepared for courses in the iTAC Division where the main tool is the Macintosh platform running applications such as desk top publishing, digital image manipulation, web page design, and video editing software.

BCS 305

3 credits

Personal Computer Operations II

This is an advanced, hands-on course focused on understanding the concepts of databases – how to create them and how to use them. Instruction is divided into two phases. In phase one, students will learn how to use database management software to assimilate and manipulate data. The second phase will consist of inputting and reporting the information in a coherent manner. This course is a hands-on course and is guided by the use of systems analysis techniques. Prerequisite: BCS 205

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-ROM, laser disc, and scanner). Prerequisite: BCS 205 or demonstrated computer proficiency

BUSINESS LAW

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 301

3 credits

Business Law I

Laws relating to contracts, negotiable instruments, property, credit transactions, business organizations, and principal and agency relationships are examined.

BLA 302

3 credits

Business Law II

This course is a continuation of Business Law I. Personal property, real property, agency, and the preparation of wills are examined in greater depth and detail. Prerequisite: BLA 301

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, and trusts. Prerequisites: ENG 102, ENG 111, and BBM 201

MARKETING

BMK 221

3 credits

Principles of Advertising and Public Relations

This course studies advertising, sales promotion, and the importance of public relations with respect to the modern distribution system. Areas covered include the psychology of advertising; the selection of media; the role of public relations as it relates to marketing; and the economic, social, and ethical effects of advertising.

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.

BMK 308

3 credits

International 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. Prerequisite: BMK 305

BMK 310

3 credits

Industrial and Business Marketing

This course examines practices, strategies, and managerial problems unique to marketing and distribution of industrial products and services to the industrial customer (business to business). Additional factors examined are procurement and sales practices, and cost and price analysis. Prerequisite: BMK 305

BMK 311

3 credits

Sales Management

This course is a study of managing the sales process as it relates to marketing. The following factors are examined: the importance of proper management of new product/service development, examination of consumer markets, and current trends towards telemarketing and direct mail marketing. Prerequisite: BMK 305

BMK 321

3 credits

Marketing Research

This course examines the systematic design, collection, analysis, and reporting of data relevant to the marketing function within the organization. It specifically addresses the growing role that technology plays in predicting consumer behavior, marketing trends, addressing marketing problems, and the development of new products and services. Prerequisites: BMK 305 and MAT 302

BMK 413

3 credits

Marketing Management

This course examines the managing of the analysis, planning, implementation, and control functions of marketing in order to achieve the desired marketing goals within the organization. Included are managing customer relationships, human resource management issues specific to marketing, and challenges for marketing in the future. Prerequisites: BMK 305, BMK 308, and BMK 321

COMMUNICATION TECHNOLOGY

COM 201

3 credits

Radio Broadcasting and Production

This course introduces students to the principles of radio broadcasting. Emphasis will be placed on writing, production, and programming through studio experience in a wide range of styles. Prerequisite: TEC 101

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 extensive work at the campus radio and television facilities. The course will emphasize the rights and responsibilities of radio and television journalism. Prerequisite: COM 201

COM 245

3 credits

Writing for the Media

This course is designed to improve writing effectiveness. Throughout the course, insightful, critical reading will play a major role, and the students will learn how to think more clearly, organizing thoughts in logical sequence. Prewriting, writing, and rewriting skills will be an integral component. The course will explore various techniques used to produce scripts or programs, ranging from spot advertisements to a thirty-minute pilot television program. The students will develop and produce scripts for radio, television, and motion picture. Prerequisite: ENG 101

<p>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. Prerequisite: COM 245 or ENG 102</p>	<p>COM 318 3 credits Fundamentals of Multimedia This course introduces and discusses the development of multimedia and the theory and practice, from Bush's Xanadu and the Programmed Learning Machines of the early 1960's to DVDs of the present day. Students will have the opportunity to use professionally produced products, visit multimedia production companies and hear guest speakers currently working in the multimedia profession. Topics will include definitions of multimedia, applications of the theory, future technology, comparisons of authorware, opportunities for employment, and intuitive design. Multimedia productions will be made of each team's findings. Prerequisites: DSN 201 and DSN 210</p>
<p>COM 302 3 credits Introduction to Video Editing This course helps students to understand and to learn the overall concept of video editing. Introduced to editing theory, aesthetics, and techniques, students also explore the relationships between shooting and directing with editing the raw footage into a completed project.</p>	<p>COM 322 3 credits Aesthetics of Film The course examines the motion picture as an art form. Elements of film such as writing, photography, acting, and editing are examined with emphasis 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.</p>
<p>COM 306 3 credits Script Writing This course builds on theories and techniques introduced in Writing for the Media. Scripts developed in the previous course will be analyzed and further developed. Students will learn techniques used for drama, comedy, and other genres of the industry. A full-length script will also be completed. Prerequisite: COM 245</p>	<p>COM 331 3 credits Single Camera Video Production This course is designed to develop the students' understanding of a single camera portable approach to moving image production using corporate-level equipment. The course will also develop techniques in planning, shot selection, sequential imaging, continuity, and editing. Prerequisite: TEC 102</p>
<p>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.</p>	<p>COM 335 3 credits Corporate Video Production This course is designed to provide students with an overview of industrial video production and script writing for applications in business, education, and industry, as well as for marketing and advertising purposes. Students will be expected to produce an industrial video. Prerequisite: COM 331</p>
<p>COM 310 3 credits Legal Aspects of Communications 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.</p>	<p>COM 344 3 credits Writing and Reporting for the News Media This course examines how to report, write, and edit news for the mass media, including newspapers, magazines, newsletters, radio, and television. Emphasis will be on methods and styles of writing pertaining to various media, stressing differences in the approach demanded by each medium. Prerequisite: ENG 101</p>

COM 345 Electronic Journalism 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. Prerequisites: TEC 101 and TEC 102	3 credits	COM 420 Non-Linear Editing 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 102	3 credits
COM 346 Introduction to Interactive Authoring Students will explore interactive programming through the use of application software. They will learn to integrate existing sound files, images, text, and movies to produce an interactive program.	3 credits	COM 431 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.	3 credits
COM 360 Human Computer Interface Design This course looks at the information architecture and discusses usability vs. aesthetic visuals. Students will learn how to implement man/machine interfaces via design principles. Prerequisites: DSN 210 and DSN 220	3 credits	COM 432 Media Research Methods This course introduces students to research methods, including procedures and sampling, survey research, field research, content analysis, and the scope of such research on the media and consumers. Students will critically evaluate a variety of communication research methods and learn specific skills to conduct scholarly research. In addition, they will develop, administer, and report the findings of their surveys.	3 credits
COM 401 Producing the Documentary This is an introduction to the theoretical foundations required for creating a documentary. Students will gain an understanding of how this genre is similar to and different from other television programming. The course will further develop scripting techniques and all facets of video pre-and post-production. As part of this course, students will produce a short documentary. Prerequisites: COM 245 and COM 331	3 credits	COM 435 Comparative International Broadcasting This is an introduction to the cross-cultural study of international broadcasting systems. This course compares how the media are organized in other countries with how the media are organized in the United States.	3 credits
COM 410 TV Studio Production 1 This course is designed to promote an understanding of how all the processes involved in a studio production work together. It also allows students the opportunity to practice various production roles, including multiple camera operation, studio mixing, sound, lighting, directing, and studio managing. Prerequisite: TEC 102	3 credits	COM 446 Advanced Interactive Authoring This course will build on Introduction to Interactive Authoring. Students will be expected to produce an interactive program at an advanced level that can be used in an educational, corporate, or professional setting. This will involve production of original graphics, audio, video, and still images rather than using ready-made material through the use of application software. Emphasis will be placed on good professional design and originality. Prerequisite: COM 346	3 credits
COM 411 TV Studio Production 2 This course is a continuation of TV Studio Production 1. Students will be given the opportunity to further enhance their skills through the creation, development, and execution of hands-on productions. Prerequisite: COM 410	3 credits		

COM 450**3 credits****Telecommunications Media Management**

Topics included in this course are marketing strategies for radio and television networks, stations, and cable systems. Also examined are relationships between the media and the government and relationships with employees, owners, audiences, and other networks. Prerequisite: COM 310

COM 485**1 credit****Advanced Production Design 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 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****Advanced Production Design B**

Having agreed upon a timetable for this next phase, students must then arrange the booking of equipment, briefing of production crews, and location arrangements before attempting the production. Periodic consultation with the instructor is mandatory throughout the session. In this manner, students will complete at least two pieces of professional-level work for their portfolio during the junior and senior years. Prerequisite: Permission required

COM 487**3 credits****Advanced Production Design 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. The course is divided into two parts. Session A is the pre-production stage, while session B consists of production and post-production stages. 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 Desk Top Published pages, a proper use of color, typography, etc. using their own corporate style and logo. Prerequisite: Permission required.

COM 488-489**3 credits****Advanced Production Design/Internship**

Students learn the advanced techniques of traditional long-form documentary production. Early units of the course emphasize research skills, including: letters, telephone contacts, and archival research. Later units cover on-camera interviewing, logging, and organization of footage into off-line drafts. Final elements of this course emphasize off-line editing of A roll and B roll, developing, and creating chapters following the path of documentary production. Prerequisite: permission required

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. Prerequisite: Permission required

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 to include 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, and CRJ 206

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 history of the three main components of the criminal justice system: police, courts, and corrections. Prerequisites: CRJ 101 and CRJ 205

CRJ 316 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	3 credits	CRJ 350 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	3 credits
CRJ 318 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	3 credits	CRJ 390-4 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 GPA of 2.5	3 credits
CRJ 333 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	3 credits	CRJ 409 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	3 credits
CRJ 335 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	3 credits	CRJ 410 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	3 credits
CRJ 341 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	3 credits	CRJ 411 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	3 credits

<p>CRJ 412 3 credits</p> <p>Ethics in Criminal Justice</p> <p>An examination of professional standards of behavior by criminal justice practitioners and the conflict of 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</p>	<p>DRA 110 3 credits</p> <p>Acting I</p> <p>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.</p>
<p>CRJ 413 3 credits</p> <p>Research Methods in Criminal Justice</p> <p>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. Prerequisite: senior status and all core criminal justice courses</p>	<p>DRA 111 3 credits</p> <p>Acting II</p> <p>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</p>
<p>CRJ 450 3 credits</p> <p>Seminar in Criminal Justice</p> <p>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</p>	<p>DRA 120 3 credits</p> <p>Introduction to Directing</p> <p>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.</p>
<p>CRJ 490-4 3 credits</p> <p>Internship in Criminal Justice</p> <p>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</p>	<p>DRA 140 3 credits</p> <p>Origins and Early Forms of Theater</p> <p>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.</p>
<p>DRAMA</p> <p>DRA 105 3 credits</p> <p>Introduction to the Theater</p> <p>This all-encompassing course will introduce students to the various aspects of theater production. Topics include acting, directing, producing, and writing.</p>	<p>DRA 200 3 credits</p> <p>Playwriting</p> <p>Students will learn the principles of playwriting by writing short plays that will be performed by students in the acting and performance courses.</p>
	<p>DRA 220 3 credits</p> <p>Performance</p> <p>This is the capstone course in the drama minor. Students will apply skills learned in previous courses in a theatrical production.</p>
	<p>DRA 230 3 credits</p> <p>Introduction to Scene Design</p> <p>This introductory course covers the theory and practice of theatrical design. Students will learn to analyze scripts to identify scenery needs and how to effectively sketch designs that will translate into actual sets.</p>

DESIGN

DSN 105

3 credits

Visual Communication

This course is an introduction to media studies with emphasis on the elements of visual form and the basic characteristics of time-based media and the fundamentals of mediated communication. Through theory and practice, the course is intended to develop the perceptual/cognitive and intellectual skills that will enhance an analytical appreciation and understanding of print, electronic, and moving image media, especially for students interested in graphic design, web development, advertising, and other fields in which visuals play a key role.

DSN 110

3 credits

Fundamentals of Drawing

This introductory course allows students to practice framing subjects, including plant life and the human form, in the context of line, texture, light and dark, space and balance, scale and proportion, color, and form. An emphasis is placed on the development of aesthetic sensitivity.

DSN 112

3 credits

Digital Drawing

This introductory course allows iTAC design students the opportunity to combine drawing skills with computer applications using a vector-based program. The student will work with line, texture, light and dark, space and balance, scale and proportion, color and form. The course will concentrate on traditional methods of drawing techniques emphasizing the digital representation.

DSN 120

3 credits

Desk Top Publishing

This course introduces the student to the theory and operation of electronic publishing technology, emphasizing the integration of software programs such as page layout, word processing, and graphics. File options and the import of vector and bitmap graphics will be taught. The course will also examine the aesthetics and intricacies of typography, design, and page layout, concluding with the publication of a four-page leaflet.

DSN 201

3 credits

Fundamentals of Animation

This introductory course covers the history and evolution of animation, as well as the theory and principles behind it. Students will practice timing, rhythm, and movement while exploring their design implications. Digital technology and basic computer animation software will be introduced through demonstration and practice. Prerequisites: BCS 210, DSN 110, and DSN 210

DSN 210

3 credits

Digital Image Manipulation

This course evaluates photographic image digitizing and manipulation of software and hardware. It examines the role of the computer as a tool in the photographic process. Students will learn the techniques of retouching and manipulating photographic images. Prerequisite: BCS 210

DSN 220

3 credits

Concept Development

In this course, students are introduced to media production by identifying the components of good production design, emphasizing the importance of problem solving, planning, and design functionality. The process of creative team dynamics is explored along with its principles and practices. Production planning, software, word processors, and desktop publishing software will be used to develop a pre-production file.

DSN 230

3 credits

Graphic Design Applications

The visualization of graphic design problems is explored using research techniques and hands-on experience in projects relating to real world situations. Several application programs are reviewed. The course concentrates on advertising, sales promotion, marketing, and Graphic Design Applicators. Prerequisite: BCS 210

DSN 310

3 credits

Advanced Animation

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 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**

Introduction to Web Page Design

This course will develop the scripting skills necessary for web page design and introduce students to the basics of HTML. Prerequisites: DSN 210 and TEC 120

DSN 325 **3 credits**

Multimedia Web Page Development

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 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 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. Prerequisite: DSN 210 and DSN 230

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 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

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. Pre or co-requisites: PSY 201 and 6 credits of Fine Arts; passing score on all sections of PRAXIS I: PPST for BS students. Pre or co-requisites: PSY 201 and 3 credits of Fine Arts for AS students

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. Prerequisites: ECE 211 for AS students. ENG 111, MAT 205 or MAT 201, and passing score on all sections of PRAXIS I: PPST for BS students

<p>ECE 205 3 credits</p> <p>Parent, Family, and Community Interactions</p> <p>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.</p>	<p>ECE 216 6 credits variable</p> <p>Internship in Early Childhood Education</p> <p>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). Interns are monitored and supported by Wilmington College supervisors. Placement priority is given to settings that serve culturally, linguistically, and socio-economically diverse student populations. Interns are required to attend regularly scheduled seminars and must prepare and present a professional portfolio. 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 15 for the spring semester and by April 1 for the fall semester); health certificate; TB clearance. ECE 216 is graded Satisfactory/Unsatisfactory.</p>
<p>ECE 206 3 credits</p> <p>Family Development and Service Systems</p> <p>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.</p>	<p>ECE 450 15 credits variable</p> <p>Student Teaching</p> <p>ECE 450 Student Teaching is designed for Early Care and Education (Birth-K) 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 College supervisors. Placement priority is given to settings that serve culturally, linguistically, and socio-economically diverse student populations.</p> <p>In addition to the field placement, there are two other required components of the clinical semester: 1) attendance at and participation in weekly sessions that total at least 70 clock hours and include formal content modules in the areas of educational assessment and advanced educational psychology, and 2) a minimum of 15 clock hours scheduled by the Wilmington College 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 15 for the spring semester and by April 1 for the fall semester); health certificate; TB clearance; GPA of 2.50; completion of all prerequisite courses: ECE 214, ECE 203, ECE 204, EDU 392, RDG 401; PRAXIS I and/or PRAXIS II scores that meet certification requirements in the placement setting</p>
<p>ECE 211 3 credits</p> <p>Language Arts In Early Childhood Programs</p> <p>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</p>	
<p>ECE 214 3 credits</p> <p>Classroom Management</p> <p>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</p>	

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 placement test 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, 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 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

CAREER AND TECHNICAL EDUCATION

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.

<p>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.</p>	<p>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.</p>
<p>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.</p>	<p>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.</p>
<p>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.</p>	<p>EDC 420 6 credits Clinical Component for Career and Technical Education Teachers A major professional project (through Directed Study) will be required for graduation. An example of a major professional project would be to develop and implement an integration project to promote inter-disciplinary 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.</p>
<p>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.</p>	
<p>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.</p>	

EDUCATION

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

3 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 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 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 College Practicum advisors and mentor teachers. Placement priority is given to settings that serve culturally, linguistically, and socio-economically diverse student populations. Fieldwork is supported by 21 hours of Practicum seminar sessions. Seminars are conducted at the College sites by faculty of the Division of Education. Student attendance at all Practicum seminars is required and must be documented. A reflective professional journal is required. Content modules are part of the Practicum seminars.

Practicum I introduces the beginning teacher preparation student to essential content and pedagogical knowledge related to the components of professional practice and to Charlotte Danielson's Enhancing Professional Practice: A Framework for Teaching. Practicum I provides the teacher preparation student with opportunities to observe, describe, interpret, and understand the classroom environment and to reflect on the personal and professional attributes required for success in teaching. Teaching individual students and small groups of students is required. Prerequisites: TB clearance

EDU 391

1 credit

Practicum II

EDU 391 Practicum II is a structured, field-based clinical course that requires at least 35 hours of supervised classroom experience in an approved setting. Fieldwork is monitored by Wilmington College Practicum advisors and mentor teachers. Placement priority is given to settings that serve culturally, linguistically, and socio-economically diverse student populations. Fieldwork is supported by 21 hours of Practicum seminar sessions. Seminars are conducted at the College sites by faculty of the Division of Education. Student attendance at all Practicum seminars is required and must be documented. A reflective professional journal is continued from Practicum I. Content modules are part of the Practicum seminars.

Practicum II helps the student analyze and reflect on the classroom environment in relation to current research, components of professional practice, and the Delaware Professional Teaching Standards. Classroom management and multiple assessment strategies are emphasized. Teaching a planned lesson as well as 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 College Practicum advisors and mentor teachers. Placement priority is given to settings that serve culturally, linguistically, and socio-economically diverse student populations. Fieldwork is supported by 21 hours of Practicum seminar sessions. Seminars are conducted at the College sites by faculty of the Division of Education. Student attendance at all Practicum seminars is required and must be documented. A reflective professional journal is continued. Content modules are part of the Practicum seminars.

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 and carry out a remediation plan for one child under the close supervision of the Practicum advisor, classroom teacher mentor, and/or school reading specialist. Prerequisites: EDU 390, EDU 391, RDG 300 for 0-K majors, RDG 301 for K-4 and 5-8 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 forty hours in an approved off-campus setting and twenty-one 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, desk top publishing, multimedia, diagnosis and evaluation of students, as well as selection and use of instructional software and computer networks. Prerequisite: BCS 205

EDU 402 **3 credits**
Methods for Teaching Elementary Language Arts/Reading

This course includes content, methods, and demonstration of proficiency in language arts areas such as reading, written composition, listening, speaking, grammar and usage, and spelling. Students are expected to develop materials, lesson plans, and methods for teaching language arts to elementary school students. Students observe and teach language arts/reading lessons in a classroom for a minimum of 12 clock hours. Prerequisites: ENG 111, RDG 300 and RDG 301; passing score on all sections of PRAXIS I: PPST

EDU 403 **3 credits**

Methods for Teaching Elementary Social Studies

Students learn lesson and unit planning as required by teacher evaluation systems. Experience is provided in the selection and evaluation of teaching methods, use of curriculum and audio-visual materials, and the preparation of instructional materials appropriate for social studies content at different grade levels. There is a focus on the unit approach to teaching social studies. Students observe and teach social studies lessons in a classroom for a minimum of six clock hours. Students will be expected to participate in a Junior Achievement teaching activity, including teaching five Junior Achievement classes in a school. Prerequisites: HIS 204, HIS 300, and HIS 314; passing score on all sections of PRAXIS I: PPST

EDU 404 **3 credits**

Methods for Teaching Elementary Science

Students learn lesson and unit planning as required by teacher evaluation systems. Students are required to develop organized units of instruction that demonstrate the scope and sequence of the science curriculum and laboratory methods for elementary school children. Students observe and teach science lessons in a classroom for a minimum of six clock hours. Prerequisites: SCI 105, 232, and 305; passing score on all sections of PRAXIS I: PPST

EDU 405 **3 credits**

Methods for Teaching Elementary Mathematics

Students learn lesson and unit planning as required by teacher evaluation systems. A major goal of this course is for students to explore the ways in which children learn mathematics and the methodologies and strategies for teaching mathematics. Students have the opportunity to analyze programs and learning materials. They also learn how to set up environments and situations which stimulate children's interest in learning mathematics. Modeling strategies, the appropriate use of manipulatives, the integral use of calculators and computers, learning in cooperative groups, writing to learn, and the other NCTM standards are the core of this course. Students observe and teach mathematics lessons in a classroom for a minimum of six clock hours. Prerequisites: MAT 201, MAT 202, and MAT 304; passing score on all sections of PRAXIS I: PPST

EDU 407	3 credits	EDU 451	15 credits variable
Methods of Teaching Middle Level Language Arts/Reading		Student Teaching	
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 language arts/reading. A team approach with other teachers and content areas is emphasized. A 12-hour clinical experience in schools is required. Prerequisites: ENG 111, RDG 301, RDG 302, and RDG 305; passing score on all sections of PRAXIS I: PPST		ECE 450 Student Teaching is designed for Primary K-4/Middle Level 5-8 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 College supervisors. Placement priority is given to settings that serve culturally, linguistically, and socio-economically diverse student populations.	
EDU 408	3 credits	In addition to the field placement, there are two other required components of the clinical semester: 1) attendance at and participation in weekly sessions that total at least 70 clock hours and include formal content modules in the areas of educational assessment and advanced educational psychology, and 2) a minimum of 15 clock hours scheduled by the Wilmington College 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 15 for spring student teaching and by April 1 for fall student teaching; GPA of 2.5; EDU 392, EDU 402, EDU 403, EDU 404, EDU 405 for K-4; EDU 407, EDU 408, EDU 409, EDU 410 for 5-8	
Methods of Teaching Middle Level Social Studies			
Students learn selection and evaluation of teaching methods, use of curriculum, use of technology, and the preparation of instructional materials appropriate for social studies content. Emphasis is placed on an integrated unit approach with other content areas. A six-hour clinical experience in schools is required. Students will be expected to participate in a Junior Achievement teaching activity, including teaching five Junior Achievement classes in a school. Prerequisites: HIS 204, HIS 300, and HIS 314; passing score on all sections of PRAXIS I: PPST			
EDU 409	3 credits		
Methods of Teaching Middle Level Science		EDU 460-2	3 credits
The scope and sequence of the science curriculum for middle level students are emphasized via planning organized units of instruction and laboratory methods. A clinical experience of six clock hours in schools is required. Prerequisites: SCI 105, SCI 232, and SCI 305; passing score on all sections of PRAXIS I: PPST		Topics in Education	
EDU 410	3 credits	This course is an intensive study of contemporary topics and issues in education. Prerequisite: Approval of Division Chair.	
Methods of Teaching Middle Level 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. Modeling strategies, the appropriate use of manipulatives, the integral use of calculators and computers, learning in cooperative groups, writing to learn, and the other NCTM standards are the core of this course. A clinical experience of six clock hours in the schools is required. Prerequisites: MAT 201, MAT 202, and MAT 304; passing score on all sections of PRAXIS I: PPST			

ENGLISH

ENG 095

0 credits

English Review

This course provides a review of English grammar skills for students who need to strengthen their backgrounds in English before taking college-level courses requiring college-level reading and writing. It establishes a foundation for success in subsequent college-level English courses. English Review would benefit students returning to the classroom after a long absence who wish to increase their communication skills before enrolling in credit courses. In addition, students speaking English as their second language would improve verbal and written fluency. Topics covered will include sentence structure, subject-verb agreement, punctuation, verb tenses, spelling, and paragraph writing.

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, and compare/contrast. Students will finally learn the process and skills needed to write a clear, precise, and accurate term paper. Emphasis will be placed on the use of correct grammar, usage, spelling, punctuation and mechanics, and application of 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 or ENG 110

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 definition, classification/division, process analysis, cause and effect, and argument/persuasion. 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 an important element 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.

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 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 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

EDUCATIONAL PSYCHOLOGY

EPY 301 **3 credits**

Assessment of the Young Child

Assessment procedures that provide information that enable teachers to make decisions regarding appropriate instruction for the children they serve are learned and applied. The evaluative, interpretive appraisal is emphasized. The course includes clinical observation of young children and practice in administration and interpretation of assessment instruments and approaches. Prerequisites: PSY 201, MAT 201

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. Prerequisites: PSY 201, MAT 201, MAT 202, and MAT 304

EPY 303 **3 credits**

Advising, Mentoring, and Counseling Techniques

Exploration of 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 401 **3 credits**

Teaching 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. Clinical observation of children with special needs is included in multiple settings. Prerequisite: PSY 333

FINANCE

FIN 201 **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 202 **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 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 & 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 & 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 202, 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

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.

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.

GOVERNMENT**GOV 101****3 credits****American Government and 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.

GOV 304**3 credits****Constitutional Law and Procedures**

This is a survey of the political institutions of the federal republic of the U.S.A. and their interaction, strengths, and weaknesses. This 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.

GOV 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.

GOV 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.

GOV 326	3 credits	HIS 300	3 credits
Public Policy and Social Issues		Geography and Man	
This course studies how American societal problems become public policy issues, how those issues become part of the public agenda, and how public problems re-shape or re-organize governmental institutions, structures, programs, and budgets. It includes both the process and the principles—public and private.		This course will focus on the interaction of people with their environment to produce a unique place to live, both from an economic and cultural perspective. Students will develop the ability to read maps, use an atlas to learn location and characteristics of major regions and subregions 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, population, resources and technology; the human impact on natural 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.	
HISTORY			
HIS 201	3 credits	HIS 301	3 credits
United States History I		Women in History	
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 the Reconstruction.		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 202	3 credits	HIS 303	3 credits
United States History II		History of Aviation	
This course covers the cultural, economic, political, and social developments in the United States from Reconstruction to the present time.		This course reviews the history of aviation and aerospace from the pioneer balloonists to the 2000's, including the use of airpower in the Balkans and the International Space Station. Progressive developments in aerodynamics, aerospace equipment, the support structure, and the human role are considered.	
HIS 204	3 credits	HIS 305	3 credits
World History		Colonial and Revolutionary America	
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.		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 230	3 credits	HIS 310	3 credits
History of Art and Design		Twentieth Century America	
This course studies artistic trends and how developing technologies have influenced creative work through 19 th and 20 th 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.		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 314 **3 credits**
Contemporary United States History: 1945 to Present
This course is a study of major domestic, cultural, economic, political, and social developments and their interaction with American foreign policy since World War II.

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**
The City and History
This course is a survey of the architecture, culture, design, economics, geography, and politics of cities from the earliest cities of Neolithic prehistory to the modern, sprawling cities of today.

HIS 321 **3 credits**
The Middle East: Politics, Oil, and Power
This course is a survey of the economic, geographic, historical, political, religious, and social developments in the Middle East since 1900.

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.

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 conflict resolution are considered. Prerequisites: BBM 201, ENG 101

HRM 305 **3 credits**
Staffing Organizations
This course provides students with the skills and knowledge to make effective staffing decisions. Topics include job analysis, recruitment, writing effective advertising copy, selection (including interviewing techniques), orientation and voluntary and involuntary terminations. Emphasis is on the ethical and legal considerations involved in staffing decisions. Prerequisites: BBM 201, ENG 101

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, ENG 101, / *** for HRM minors ONLY: BBM 301

HRM 311 **3 credits**
Human Resource Management
This course reviews system elements required to effectively recruit, select, train, and maintain a workforce. Particular emphasis is placed on management development, wage and salary administration, and personnel planning. Prerequisites: BBM 201, ENG 101

HRM 312 **3 credits**
Computer Applications in Human Resource Management
This course examines the use of computer applications in human resource management 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, ENG 101, 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 work environment for all employees. Prerequisites: BBM 201, ENG 101

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.

HRM 340**3 credits****The Adult Learner**

The purpose of this course is to provide learners with a broad understanding of the theoretical base and principles of adult learning, the methods of adult education, and the role of the teacher in facilitating effective learning. The course examines the adult as a unique learner and the implications of the knowledge of adult development on the instructional process. Prerequisites: BBM 201, ENG 101

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. 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. 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 student. Prerequisite: Advanced standing and permission of the instructor.

HRM 490-3**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. Course is graded pass/fail.

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**
Spanish 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 motivated 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 and Expressions: Ideas

This course surveys major ideas and ways of life that have interested western society since the dawn of civilization. It focuses on examples of literature, biography, philosophy, and the arts to illustrate the human appeals for world views and value systems. Prerequisite: ENG 102

HUM 361 **3 credits**

Human World Views: Applications

This course applies the concepts and perceptions acquired in HUM 360 to contemporary social developments. The sources of economic, political, and social values are analyzed; then the major viewpoints are compared and contrasted. Attention is given to the rights and obligations of the individual, as well as economic, political, and social groups and their interactions. Emphasis will be placed on prevailing twentieth century 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.

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, filmmakers, and scholars, especially notable Arab women. The focus of the course includes themes about family, gender, self-expression, and religion.

**INFORMATION RESOURCE
MANAGEMENT
(MANAGERIAL TRACK)****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 110**3 credits****Personal Productivity with IS Technology**

This course enables students to improve their skills as knowledge workers through effective and efficient use of packaged software. It covers both individual and group work. The emphasis is on productivity concepts and how to achieve them through functions and features in computer software. Design and development of solutions focus on small systems. 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, TQM and reengineering, project management and development of systems, and end-user computing.

IRM 202**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. Prerequisite: IRM 100 or permission of Program Coordinator

IRM 222**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, c) how to analyze the data without modifying it. Prerequisite: IRM 100 or permission of Program Coordinator

IRM 300**3 credits****Information Technology Hardware and Software**

This course provides the hardware/software technology background to enable systems development personnel to understand tradeoffs 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. 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. Prerequisites: IRM 200, IRM 300

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: IRM 200

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: IRM 400

IRM 411 **3 credits****Database Systems**

This course covers the principles and practice of database management, from design through implementation and administration. Students will understand the different types of database systems, the business goals they support, and current trends in the industry. Students will gain hands-on experience with data modeling, physical design, query language, and database administration topics. NOTE: may be substituted for IRM 410. Prerequisite: BCS 206 or equivalent

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. Prerequisites: IRM 310, IRM 400, and IRM 410

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; Corequisites: IRM 410, IRM 420

IRM 455 **3 credits****Managing Information Technology at the Enterprise Level**

Students will learn how to “manage” information technology in the business world, how to align and motivate an organization, select business processes, and design and maintain data. The advantages and consequences of integrated systems and their implementation will be explored, and students will learn how to create a strategic IT plan. Steering and governing IT will be studied, as will change management. Prerequisite: IRM senior status or permission of Program Coordinator

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

This course surveys contemporary subjects and current events pertaining to Information Resource Management.

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. Students must have completed IRM 450 or be simultaneously enrolled in that course before registering for IRM 490. Prerequisite or Corequisite: IRM 450

LEGAL STUDIES**LES 120** **3 credits****Introduction to Paralegal Studies**

This course will describe the requirements and knowledge needed in the paralegal profession.

LES 200 Legal Ethics This course considers the meaning of ethics in relation to the law, and several philosophical approaches to ethics are reviewed. As ethical decisions are examined, every effort is made to define ethical conduct in our society.	3 credits	LES 315 Legal Research, Writing, and Citation This course is designed to introduce the fundamentals of legal research and the preparation of briefs. Students will learn to use and locate all primary and secondary legal authorities and will be instructed on computer-aided legal research (Westlaw and Lexis). Instruction will also be provided on the proper method of legal citation. Prerequisites: ENG 102, ENG 111	3 credits
LES 205 State and Local Government This course surveys the complexity of the 50 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.	3 credits	LES 320 Legal Documents Management With an emphasis on the use of computerized processes, this course examines the management of documents in legal offices.	3 credits
LES 303 History of the American Jurisprudence System 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: junior status	3 credits	LES 401 LSAT Preparation This course is designed to prepare students for the LSAT examination. This is a senior level course.	2 credits
LES 304 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: junior status	3 credits	LES 403 Civil Practice This course examines the overall sense of civil law. It reviews the preparation of legal documents, arbitration, and civil cases in the courts. This is a senior level course.	3 credits
LES 310 Law and Society This course is a survey of citizens and their interface with the legal system in the United States. A main focus of the survey is how grievances are addressed. Prerequisite: junior status	3 credits	LES 404 Criminal Law This course examines the overall sense of criminal law in the United States. This is a senior level course.	3 credits
LES 312 Legal Entities, Institutions, and Processes This course examines the legal system in the United States at the beginning of the 21 st Century. Laws will be interpreted from an academic perspective, which may not reflect actual outcomes of cases; both processes and principles are reviewed.	3 credits	LES 405 Delaware Statutes This course reviews the 31 Titles in the Delaware Code and their significant impact on the judicial system. Emphasis is on how the system of legal codes is used to further state goals. This is a senior level course. LES 406 Family Law This course provides an introduction to laws governing marriages, annulments, separation agreements, divorce property rights and distribution, adoptions, protection of children and the family, division of matrimonial assets, and the parent-child relationship.	3 credits

LES 407 Business and Corporate Law This course provides a basic understanding of laws that govern and regulate businesses and corporations. Main topics include types of corporations, memorandum and article of association, directors' duties, company membership, capital and shares, corporate finance, and judicial management. Secondary topics include the law of contracts (enforcement and regulation according to common law) and statutory guidance.	3 credits	LES 416 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.	3 credits
LES 408 Employee Benefits, Labor Law, Labor Arbitration, and Diversity 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.	3 credits	LES 417 Intellectual Property This course reviews the fundamental common law and statutory principles of sale of goods transactions, intellectual property law vis-à-vis the law of confidence, the law of passing off, the law of patents, the law of copyright, the law of information technology, trademark and patent registration procedures, and enforcement proceedings.	3 credits
LES 409 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.	3 credits	LES 420 Personal Injury and Medical Alternative methods of settling disputes are examined, including arbitration, conciliation, and mediation. Emphasis is on understanding the processes.	3 credits
LES 410 Real Estate, Transfer, and Ownership Law This course examines laws involving the ownership of property, covenants affecting land, law in relation to mortgages, landlords and tenants, titles, and management corporations.	3 credits	LES 425 Paralegal Advanced Competency Exam (PACE) Preparation This course prepares students for the PACE examination. Prerequisite: junior status	2 credits
LES 411 Estates, Trusts, and Probates This course discusses the planning and preparation necessary to develop a comprehensive estate plan. Topics include wills and trusts, provisions and techniques of drafting trusts, processes of estate administration, probate practice, the calculation and closing of an estate, and relevant gift tax rules and regulations.	3 credits	LES 490 Internship in Legal Studies This course consists of supervised field placement in an agency dealing with some aspect of legal studies such as a law firm, judicial office, or community agency providing legal advice.	3 credits
LES 415 Insurance, Finance, Securities, and Trusts This course provides an introduction to the basic concepts of insurance, particularly motor vehicle insurance, and the practical aspects of managing a traffic accident case.	3 credits	LITERATURE	
		LIT 201 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.	3 credits
		LIT 332 Major American Writers This course will survey American literature from the Colonial period to the present. Emphasis will be placed on writers that have significantly influenced the national literature.	3 credits

LIT 333 **3 credits**

African American Literature

This course is a survey of African American literature from the 1700's to the present. Students will examine writings from their historical contexts, analyzing the social, economic, and political forces that influenced these works.

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.

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 (1840's) 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.

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 symbolism and meaning. The characteristics of various poetic schools will also be explored.

LIT 443 **3 credits**

Shakespeare's Plays

Students will examine five major plays of William Shakespeare. The plays will be viewed and discussed, 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.

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.

MATHEMATICS

MAT 095 **0 credits**

Mathematics Review

This course is designed for students with minimal background in mathematics. It provides the foundation for success in college-level mathematics. Topics covered in this course include: properties of real numbers, fractions and decimals, ratio and proportion, percents, interpretation of graphs, positive integer exponents, geometry (length, area, and volume), use of formulas, and word problems. This is a pass/fail course.

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 evaluation test 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.

<p>MAT 200 3 credits</p> <p>Pre-Calculus</p> <p>This course provides an integrated review of college algebra, analytic geometry, and basic trigonometry. Review topics in algebra include: properties of real numbers; exponents and radicals; algebraic expressions and polynomials; inequalities; and the solution of linear, quadratic, radical, and other types of equations. The course will also cover linear, quadratic, rational, exponential, and logarithmic functions and their graphs. Trigonometric functions and their graphs as well as applications of trigonometry are covered. Prerequisite: Successfully passing math evaluation test or MAT 110</p>	<p>MAT 301 3 credits</p> <p>Principles of Statistics I</p> <p>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</p>
<p>MAT 201 3 credits</p> <p>Mathematics for Teachers I</p> <p>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 evaluation test or MAT 110</p>	<p>MAT 302 3 credits</p> <p>Principles of Statistics II</p> <p>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</p>
<p>MAT 202 3 credits</p> <p>Mathematics for Teachers II</p> <p>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</p>	<p>MAT 304 3 credits</p> <p>Mathematics for Teachers III</p> <p>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 an overview of calculus. Additional topics may be introduced as time permits. Prerequisite: MAT 202</p>
<p>MAT 205 3 credits</p> <p>History and Principles of Mathematics</p> <p>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</p>	<p>MAT 306 3 credits</p> <p>Quantitative Tools in Business and Management</p> <p>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</p> <p>MAT 308 3 credits</p> <p>Inferential Statistics</p> <p>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 basic 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 102 or MAT 202 or MAT 205 or BSN candidate</p>

MAT 310**3 credits****Calculus**

This course is designed to provide an overview of differential and integral calculus. Topics include: limits and continuity, the definition of the derivative of a function, rules for finding derivatives, application of derivatives to graphing, antiderivatives, the definite integral of a function, and integration techniques. The application of calculus to problems related to velocity, acceleration, maxima, minima, areas, and volumes will be covered. Prerequisite: MAT 101 or MAT 200

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

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.

NURSING**NUR 305****4 credits****Exploration of Professional Nursing**

This course provides a basis for role transition to 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 varied aspects of professionalism. Class sessions and course assignments are designed to foster critical thinking skills. Prerequisite: Registered nurse

NUR 315**3 credits****Ethics and Technology**

This course focuses on the application of ethical thinking to contemporary nursing practice. The major ethical schools of thought are examined, and the issue of ethical standards is addressed. The relationship of ethics to technology, legal issues, and economics is explored. Prerequisites: NUR 305 and 60 lower division credits

NUR 320**3 credits****Disability and Chronic Care**

This course emphasizes the professional nurse's role in health restoration and maintenance for individuals and families affected by disabilities and chronic conditions. The impact of chronic health problems on the individual, family, and community is explored. Prerequisites: NUR 305, 60 lower division credits

NUR 325**3 credits****Research Dimensions**

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 305, MAT 308, and 60 lower 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

<p>NUR 330 3 credits</p> <p>Leadership Dimensions</p> <p>This course focuses on the development of leadership skills for professional nursing practice. The course will explore the leadership role of the professional nurse in several dimensions: leadership through teaching, clinical practice, and professional involvement. The weekly clinical experience provides opportunities for the student to expand skills needed in professional practice in a variety of settings. The student's perspective of leadership as a component of all professional nursing practice is enhanced through self-directed interaction with a variety of nurse leaders. Prerequisites: NUR 305 and 60 lower division credits</p>	<p>NUR 426 3 credits</p> <p>Hispanic Community Health Practicum (for Hispanic Cultural Track students only)</p> <p>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 305, NUR 410, NUR 420, HUM 340, SPA 301, SPA 302, SPA 305, HLT 371 and 60 lower division credits</p>
<p>NUR 390 1-2 credits</p> <p>Independent Study in Nursing</p> <p>Students may earn one or two credit hours through individualized projects with the guidance of a faculty member. Contact academic advisor for specifics. This course is graded pass/fail.</p>	<p>NUR 460-479 3 credits</p> <p>Topics in Nursing</p> <p>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.</p>
<p>NUR 410 3 credits</p> <p>Life Span Assessment</p> <p>In this course, the student learns and implements the health assessment role of the nurse. The importance of communication skills, assessment of growth and development, and individual learning needs is highlighted. The student collaborates with the client in obtaining a comprehensive health history and physical. Demonstration of assessment techniques occurs in the campus laboratory. This course focuses on the well individual. Prerequisites: NUR 305 and 60 lower division credits</p>	<p>HLT 301-379 3 credits</p> <p>Health Electives</p> <p>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.</p>
<p>NUR 420 3 credits</p> <p>Community Health Dimensions</p> <p>This course focuses on health care needs of aggregates in the community from the perspective of primary, secondary, and tertiary prevention. Students use sociologic and epidemiologic frameworks to explore community health nursing roles in a variety of settings. Prerequisites: NUR 305, NUR 410, and 60 lower division credits</p>	<p>PHILOSOPHY</p> <p>PHI 101 3 credits</p> <p>Introduction to Philosophy</p> <p>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 oriental and modern philosophers.</p>
<p>NUR 425 3 credits</p> <p>Community Health Practicum</p> <p>In this course, students integrate approaches to health care needs of aggregates into community health nursing practice settings. Students gain experience in group teaching and in community assessment to strengthen application of community health nursing roles and principles. Prerequisites: NUR 305, NUR 410, NUR 420, and 60 lower division credits</p>	<p>PHI 221 3 credits</p> <p>Meditation and Creative Thought</p> <p>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.</p> <p>PHI 301 3 credits</p> <p>Philosophy of Love</p> <p>This course is a survey of representative thinking on several types of love. Consideration will be given to affection, friendship, eros, charity, and agape.</p>

PHI 302 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, SOC 101	3 credits	PSY 201 Child Growth and Development This course provides a comprehensive study of human development from the prenatal period through adolescence. Areas that are studied include physical, social-emotional, and intellectual development. Major developmental theorists are reviewed. The interrelationship of heredity and environmental factors that influence change are also considered. Prerequisite/Co-requisite: PSY 101 (except for K-4 and 5-8 education programs)	3 credits
PHI 305 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.	3 credits	PSY 204 Life Span Development This course is a survey of maturational and learned behaviors as they develop through all life phases. Human behavioral development is traced from prenatal stages through infancy, childhood, adolescence, adulthood, and later life. Physical, cognitive, and social development are considered, along with the development of language and personality. Prerequisite: PSY 101	3 credits
PHI 310 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	3 credits	PSY 215 The Family: Effect on Development The effects of family and home environment on the development of children are examined. Current trends in the family, the impact of society on the family and the child, as well as the influence of values on family interactions are explored. Prerequisite: PSY 201 or PSY 204	3 credits
PHI 321 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	3 credits	PSY 280 Problem Solving This course is an introduction to human information processing: how we think, reason, and solve problems. Students explore the way in which problems can be transformed into opportunities. Topical issues include models of thinking, simulation, and creativity. Prerequisite: PSY 101	3 credits
PSYCHOLOGY PSY 101 Introduction to Psychology This course offers an overview of the principles of human behavior. Developmental theories, psychophysiology, thinking, learning, personality theories, abnormal, and deviant psychology are introduced. Methods of assessment and research principles are discussed.	3 credits	PSY 290-291 Guided Practicum in Behavioral Science and Psychology This course is a supervised and guided 30-clock hour field experience for undergraduate students who have completed more than 15 credits but less than 60 credits in an organization or agency involved in the coordination or delivery of human services. Such organizations could be psychiatric facilities, nursing homes, or community-based agencies providing social services. Competency-Based Evaluation (CBE) credits are not applicable to this course. Course is graded pass/fail.	1 credit

<p>PSY 300 3 credits</p> <p>Theories of Personality</p> <p>The concept of personality is explored via the developmental theories of several social scientists. The impact of personality upon such processes as intelligence, anxiety, health, aggression, altruism, and moral behavior is studied. Prerequisites: PSY 101 and PSY 204</p>	<p>PSY 309 3 credits</p> <p>Interpersonal Communication Skills</p> <p>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. Prerequisite: PSY 101</p>
<p>PSY 301 3 credits</p> <p>Social Psychology</p> <p>This course is a study of the impact of social institutions on the behavior of the individual, as well as the impact of the individual on the group. Topics include attitudes, beliefs, public opinion, propaganda, leadership, prejudice, and international tension. Prerequisites: PSY 101 and SOC 101</p>	<p>PSY 310 3 credits</p> <p>Community Psychology</p> <p>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. Prerequisite: PSY 101</p>
<p>PSY 302 3 credits</p> <p>Organizational and Industrial Psychology</p> <p>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. Prerequisite: PSY 101</p>	<p>PSY 314 3 credits</p> <p>Psychology of Human Potential</p> <p>This course is a study of the techniques and theoretical approaches common to the human potential movement. The course examines the basics of humanistic psychology and its origins in eastern philosophy. Special attention is given to the reconciliation of rational and non-rational modes of thought in human psychology. Prerequisites: PSY 101, PSY 204, and PSY 300</p>
<p>PSY 303 3 credits</p> <p>History of Psychology</p> <p>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. Prerequisite: PSY 101</p>	<p>PSY 315 3 credits</p> <p>Group Dynamics</p> <p>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. Prerequisite: PSY 101</p>
<p>PSY 305 3 credits</p> <p>Abnormal Psychology</p> <p>This course is a study of the causes, characteristics and management of abnormal behavior. The course is divided into three general areas: major theoretical perspectives of abnormal behavior; major disorders following the categories of the Diagnostic and Statistical Manual of the American Psychiatric Association (DSM-IV-TR); and causes, treatment and impact of abnormal behavior. Prerequisites: PSY 101, and one of the following: PSY 201, 204, 331, or 332</p>	<p>PSY 316 3 credits</p> <p>Stress Management</p> <p>This course provides the student with an understanding of the causes and symptoms of stress and burnout. The emphasis is on prevention strategies and the development of individual coping skills, including proper exercise, nutrition, breathing techniques, biofeedback, time management, and progressive relaxation. Prerequisites: PSY 101</p>
<p>PSY 306 3 credits</p> <p>Behavior Modification</p> <p>This course surveys and examines the theory and technique of operant and classical conditioning in behavior modification. The main emphasis is on understanding the basic principles of behavior modification. Prerequisites: PSY 101, PSY 204, and PSY 300</p>	<p>PSY 319 3 credits</p> <p>Family Systems</p> <p>This course focuses on how families function as a system; aspects of assessment and treatment are also considered. Prerequisites: PSY 101, PSY 204 and PSY 300</p>

PSY 322 Wellness in the Workplace This course will cover the challenges of creating and sustaining wellness in the workplace. The course will examine health promotion models and preventative management techniques for planning, implementing, and evaluating worksite wellness programs and interventions. The underlying premise of the course is that improving the quality of health of the individual and the organization involves changing organizational systems as well as people's attitudes and behaviors. Prerequisite: PSY 101	3 credits	PSY 334 The Biological Basis of Behavior This course focuses on the biological systems that impact human behavior. Special attention is given to the parts of the brain, hormones, and neurochemistry of behavior, as well as drugs that affect behavior. Additional topics include illness; abnormality or defects that affect behavior; applications of knowledge to understanding of common behaviors; and implications of this information for treatment, prevention, remediation, and common research methodologies. Evolutionary considerations are also an important focus of this course. Prerequisites: PSY 101, SCI 335	3 credits
PSY 330 Infant and Toddler Development This course is an in-depth study of the growth and development of an infant from conception to age three. The effect of nature vs. nurture on development is emphasized; recent trends in infant group care are reviewed. Basic knowledge of child growth and development is essential to succeed in the course. Prerequisite: PSY 201 or PSY 204	3 credits	PSY 351 Learning and Cognition This course is the study of the thinking process from sensory perception through attention, memory, learning, and the higher order skills of problem solving. In addition to basic research in the field of neuropsychology, the course includes theories of language acquisition and information processing. Prerequisites: PSY 101, PSY 204, and PSY 300	3 credits
PSY 331 Middle Childhood Development This course focuses on physical, cognitive, and social/emotional development in middle childhood. Attention is also given to development immediately preceding and following this phase of development. Prerequisites: PSY 201 or PSY 204	3 credits	PSY 352 Human Sexuality This course provides a basic knowledge of both the anatomy and the physiology of the human sexual response in the male and female. Attitudes with regard to controversial issues such as homosexuality, sterilization, and abortion are also considered. Prerequisites: PSY 101, PSY 204, PSY 300, and junior status	3 credits
PSY 332 Adolescent Development This course provides an overview of the significant developmental stages of adolescent growth. Consideration of this stage spans preadolescence and extends into early adulthood. Special emphasis is placed on the sequences of social and emotional development common to all adolescents. Prerequisites: PSY 201 or PSY 204	3 credits	PSY 353 Sports Psychology This course provides knowledge about psychological factors that affect behavior in sports, such as anxiety, motivation, concentration, and confidence. Students also study the psychological effect that participation in a sport or physical activity has on a performer. Prerequisite: PSY 101	3 credits
PSY 333 Psychology of the Exceptional Child This course provides information and strategies for individuals working with exceptional children. Emphasis is on identification, assessment, and intervention appropriate to various types of exceptionalities, as well as the impact of these exceptionalities on the social-emotional development of the child. Prerequisites: PSY 201 or PSY 204	3 credits	PSY 354 Psychology of Sports Injuries 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.	3 credits

<p>PSY 363 3 credits</p> <p>Psychology of Language</p> <p>This course is a study in language behavior. Normative, cognitive, emotional, and relational aspects of language behavior are examined. Emphasis is placed on aspects of language learning, production, and comprehension. Individual, social, and gender-based differences are explored, as well as surface and deep structures of language and the psychological aspects of miscommunication. Prerequisites: PSY 101, PSY 204, PSY 300, ENG 102, and ENG 111</p>	<p>PSY 403 3 credits</p> <p>Counseling Process: Techniques and Applications</p> <p>This course is an introduction to current theory about psychological counseling. Theories covered include cognitive approaches, behavior modification, psychoanalytic approaches, existential therapy, and others. Prerequisites: PSY 101, PSY 204, and PSY 300</p>
<p>PSY 364 3 credits</p> <p>Disability Issues</p> <p>This course is a comprehensive overview of the barriers faced by people with physical and mental disabilities. The focus is on sensitivity training, awareness of community resources, and recent civil rights legislation as means of surmounting stereotypical attitudes. Prerequisites: PSY 101</p>	<p>PSY 406 3 credits</p> <p>Tests and Measurements</p> <p>This course is a study of the construction and evaluation of standardized tests for psychological, educational, and industrial applications. Prerequisites: PSY 101, PSY 204, and PSY 300</p>
<p>PSY 375 3 credits</p> <p>Forensic Psychology</p> <p>This course is designed to give the student a general understanding of the interface of psychology and the law and the differences between the two fields of study. In doing so, the course will examine the roles and responsibilities of forensic psychologists and will include topics such as: the selection and training of police, police interrogations and confessions, criminal profiling, criminal investigation, eyewitness accounts, trial preparation, jury selection, mental defenses and issues of competency, other types of defenses, sexual abuse issues, child custody disputes, discrimination, sexual harassment, and death penalty cases. Prerequisite: PSY 101</p>	<p>PSY 407 3 credits</p> <p>Psychology of Learning</p> <p>This course is a study of the psychological principles underlying learning and teaching. Learning theories and their application to behavioral changes are also explored. Prerequisites: PSY 101, PSY 204, and PSY 300</p>
<p>PSY 390-4 3 credits</p> <p>Independent Study in Behavioral Science</p> <p>Through independent study, the student is offered the opportunity to pursue individual special interests under supervision. This course is graded pass/fail. Prerequisites: PSY 101, PSY 204, PSY 300, and GPA of 2.5</p>	<p>PSY 408 3 credits</p> <p>Seminar in Behavioral Science</p> <p>This course is the capstone of the Behavioral Science program. Students demonstrate professional judgment and research abilities and become acquainted with the range and scope of professional career options and settings. The course provides a foundation for future professional development. Prerequisites: SOC 340, PSY 406</p>
<p>PSY 401 3 credits</p> <p>Adult Development and Aging</p> <p>Biological, sociological, psychological, and medical attributes of the facts and myths regarding adulthood and aging are examined in this course. Historical and cultural perspectives are applied to understanding attitudes regarding adulthood and aging. Prerequisites: PSY 101, PSY 204, and PSY 300</p>	<p>PSY 412 3 credits</p> <p>Crisis Intervention</p> <p>This course uses a theoretical approach to crisis intervention in social, therapeutic and business settings. Students develop a sound theoretical approach to crisis work, along with some pragmatic approaches to commonly encountered problems. Prerequisites: PSY 101, PSY 204, and PSY 300</p>
	<p>PSY 460-7 3 credits</p> <p>Topics in Behavioral Science</p> <p>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 and SOC 101, and junior status</p>

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 490-4 **3 credits**

Internship in Behavioral Science

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. Prerequisites: PSY 101, PSY 204, PSY 300, junior status, and GPA of 2.5 Note: See Academic Advisor prior to registering for this course.

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. 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 for K-4 concentration

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 for K-4 concentration, RDG 305 for 5-8 concentration

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 upper, as well as lower, grade levels. 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. Prerequisites: RDG 300 and passing score on all sections of PRAXIS I: PPST

SCIENCE

SCI 101

3 credits

Physics I (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, and wave motion. Prerequisite: High school algebra

SCI 102

3 credits

Physics II (with Lab)

This course is a continuation of SCI 101 and includes the following subjects: sound, electricity, magnetism, light, and quantum physics. Prerequisite: SCI 101

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

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: high school algebra

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. Prerequisite: SCI 105 (for Education majors only)

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. Prerequisite: SCI 232 (for Education majors only)

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 315 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 bio-chemistry are covered, including the chemistry of life (DNA).	4 credits	SOC 201 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	3 credits
SCI 331 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.	3 credits	SOC 205 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	3 credits
SCI 335 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.	4 credits	SOC 302 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	3 credits
SELF-DIRECTED LEARNING			
SDL 300 Life Planning This course introduces concepts of goal-setting and planning for present and life-long learning. Students develop and implement a learning contract which is supported through a mentoring process.	3 credits	SOC 303 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: PSY 101 or SOC 101	3 credits
SOCIOLOGY			
SOC 101 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.	3 credits	SOC 304 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	3 credits

SOC 305 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	3 credits	SOC 324 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	3 credits
SOC 307 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	3 credits	SOC 325 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	3 credits
SOC 309 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	3 credits	SOC 333 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	3 credits
SOC 310 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	3 credits	SOC 340 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: MAT 205, PSY 101, and SOC 101	3 credits
SOC 318 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	3 credits	SOC 401 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	3 credits
SOC 320 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	3 credits	SOC 405 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	3 credits

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

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.

<p>SPM 301 3 credits</p> <p>Legal Issues in Sports</p> <p>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, coed competition, 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 to the sports setting. Actual court cases relating to these principles are examined.</p>	<p>SPM 405 3 credits</p> <p>Sports Management II</p> <p>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</p>
<p>SPM 302 3 credits</p> <p>Sociology of Sport</p> <p>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.</p>	<p>SPM 406 3 credits</p> <p>Sport Facilities Management and Planning</p> <p>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.</p>
<p>SPM 304 3 credits</p> <p>Current Issues in Sports Management</p> <p>This course studies current issues, problems, and trends in sports management.</p>	<p>SPM 407 3 credits</p> <p>Sports Marketing and Promotions</p> <p>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.</p>
<p>SPM 305 3 credits</p> <p>Sports Management I</p> <p>This introduction to the sports industry covers theories of recreation and leisure, planning, policy-making, program evaluation, budgeting, and public relations</p>	<p>SPM 408 3 credits</p> <p>Financing Sport Operations</p> <p>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 fundraising.</p>
<p>SPM 306 3 credits</p> <p>Sport Media Relations</p> <p>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.</p>	<p>SPM 490 3 credits</p> <p>Sports Management Internship I</p> <p>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.</p>

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

INFORMATION RESOURCE MANAGEMENT (TECHNICAL TRACK)

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. Students can use this course to help them choose between the IRM managerial and technical tracks. Course material is geared towards preparing students for SSD 190, the initial course in the iCarnegie program. The iCarnegie consists of the ten courses that make up the core requirements of the IRM technical track bachelor's degree as well as the requirements for the Software Programming and Software Development certificates offered by iCarnegie. Prerequisite: BCS 206 or equivalent

SSD 110**3 credits****Introduction to Programming with C**

This course introduces the student to computer programming through the C programming language. The purpose of the course is to help students understand basic software programming constructs and techniques. The student will be introduced to procedural programming methodology to provide a foundation on which later courses in object-oriented programming can be built. This course is intended as an elective for curious students with no previous programming experience and for IRM Technical Track students as preparation for the core courses of the degree. NOTE: may be substituted for SSD 101. Prerequisite: BCS 206 or equivalent

SSD 190**4 credits****Introduction to Information Systems**

This course introduces students to computer-based information systems through an introduction to programming of web-based software. Students are introduced to the modern model of the computer in the context of a network. Programs are written in Java, an object-oriented language designed, in part, to write web-based applications. Students create web pages and programs and applets in Java. Topics include: introduction to iCarnegie software environment; introduction to software development process; clients, servers, and data transfer; introduction to naming issues; languages, syntax, interpretation, compilation, and execution; program control structures; data representation (simple types, encapsulated types, multimedia types); basic Java and HTML. Prerequisite: SSD 101

SSD 191**3 credits****Introduction to Computer Systems**

This course introduces students to the fundamentals of using and maintaining computer systems in an Internet environment. The basic components and functions of the computer and the network are introduced, along with tools and procedures for their operation and maintenance. Topics include: basic machine architecture (processors, memory, I/O); basic operating system concepts (processes, concurrency, address spaces); I/O devices for storage and multimedia; basics of processing, storage, and communication capacity; command processors and scripting; file systems; basic network architecture; installing new software and devices; and backups, compression, security, and encryption. Prerequisite: BCS 206

SSD 290**4 credits****Object-Oriented Programming and Design**

This course introduces students to problem solving by means of object-oriented design and implementation. Emphasis is on problem analysis and solution design, documentation, and implementation. Students use commercial software libraries and create web-centric projects. Programming assignments are carried out in Java. Topics include: modularity and abstraction, encapsulation, inheritance, polymorphism, use and creation of software libraries, dynamically allocated data, and simple recursively-defined data structures. Prerequisite: SSD 190

SSD 291**3 credits****User-Centered Design and Testing**

This course focuses on human-computer interaction, providing training in the basic skills of task analysis and interface evaluation and design. Students learn to develop designs that are usable and useful for people. Students learn how to empirically evaluate user interfaces, leading to better ones. Visual Basic is used in programming assignments. Topics covered include: task analysis, user interface idioms, user interface toolkits, rapid prototyping and evaluation, simple user studies, and Visual Basic programming. Prerequisite: SSD 290 or approval of the Program Coordinator

SSD 390**4 credits****Data Structures and Algorithms**

This course focuses on understanding the dependence of execution time, bandwidth, and memory requirements on the data structures and algorithms chosen. Students learn to reason informally about algorithm and data structure correctness and complexity. Primary emphasis is given to intelligent selection of algorithms and representations. Programming assignments use C++ and the Standard Template Library. Topics include: abstract data types, data structures and invariants, simple algorithm analysis, sorting and searching, trees and graphs, associative data structures, and C++ programming with the STL. Prerequisite: SSD 290

SSD 391**3 credits****System-Level Programming**

This course provides students with a user-level view of processors, networks, and operating systems. Students learn explicitly about assemblers and assembly code, program performance measurement and optimization, memory organization and hierarchies, network protocols and operation, and concurrency. Programming assignments use the C programming language. Topics covered include: overview of instruction sets and assembly language programming; memory management; memory hierarchies: cache, memory, and virtual memory; performance measurement and tuning; basic Internet protocols; and basic concurrent programming. Prerequisites: SSD 191 and SSD 390

SSD 392**3 credits****Database Systems**

This course introduces students to database concepts, including database design. Relational data models are emphasized. Students develop client-server applications in Java and/or Visual Basic, using commercial database management systems. Example applications include e-commerce systems. Topics covered include: relational data models and data independence; relational query languages; database design; client-server applications; performance issues; distributed, object-oriented, and multimedia databases. Prerequisite SSD 290

SSD 490**3 credits****Networks and Distributed Computing**

This course 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. Topics include: survey of networking protocols and technology; multimedia networking; data distribution; multicast and push-pull techniques; client/server design, thick and thin clients; CORBA and related tools; WWW implementation issues; electronic mail; security and privacy issues. Prerequisite: SSD 392

SSD 491**3 credits****Software Specification, Testing, and Maintenance**

This course focuses on the principles of development of software systems following software engineering practices. Students work in multi-person teams on Internet-based software projects of significant scale. Topics covered include: life cycle models, requirements analysis, design, inspection, testing, documentation, configuration control, application generators, and CASE tools. Prerequisites: SSD 291 and SSD 392

SSD 492**3 credits****Software Project Organization and Management**

This course focuses on the organizational and management aspects of software projects. Students learn techniques of project planning, scheduling, costing, and organization, and apply them in the context of a multi-person project. A key emphasis is management of client issues. Topics include: project management techniques: scheduling, budgeting, risk analysis; basic project management tools; leadership principles; client relationships; liability issues; intellectual property issues; and confidentiality issues. Prerequisite: SSD 491

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 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.	3 credits	TEC 300 Advanced Photography I Students will further develop their photographic eye and experiment with the art form that is photography. This course will follow the history of photography from its conception to the present with an emphasis on what is considered art. Students will explore and push those boundaries. Prerequisite: TEC 245 or approval of Division Chair	3 credits
TEC 120 Demystifying the Internet This course is an introduction to the key components, common applications, and information resources of the Internet. It teaches the skills of accessing and navigating through information. All the basic requirements for understanding and utilizing the Internet for business, education, and entertainment are covered, and an overview of the basics of building simple web sites is presented.	3 credits	TEC 305 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	3 credits
TEC 215 Basic Photographic Techniques I 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 are the development of basic 2D design, shape, texture, and basic image manipulation.	3 credits	TEC 330 Introduction to Network Management The course is an introduction to the theory and practice of networking microcomputers within an organization. Since there will be a large component of hands-on computer work, it is for students who already have a working knowledge of computer systems and software. The course will cover all the basic requirements needed by a network systems administrator. Emphasis will be placed on a final project incorporating all of the above elements. Prerequisite: BCS 210	3 credits
TEC 225 Digital Photography In this course, students will be introduced to the digital darkroom. After using digital cameras and film scanners to create digital files, students will explore image enhancement and manipulation using PhotoShop.	3 credits	TEC 340 Computer Technology This course examines the hardware found in the modern computer industry. Theory of operation and setup at an advanced level will be covered in order to prepare students for computer support roles. A detailed understanding of terminology and the meaning of specifications will be covered. The practical aspect of the course will examine setting up equipment to the manufacturer's specification for correct operation. Prerequisite: BCS 210	3 credits
TEC 235 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.	3 credits	TEC 366 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.	3 credits
TEC 245 Basic Photographic Techniques II This course is a continuation of the Photo I course. Emphasis will rest on students gaining an aesthetic sense and appreciation of the photograph. Various assignments will have students experimenting with light, texture, shape, and perspectives in an attempt to create unusual, creative images. Prerequisite: TEC 215	3 credits	TEC 376 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	3 credits

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 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: TEC 330

TEC 460**3 credits****Topics in Photography**

Students will have the ability to specialize 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.

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 resumé preparation.

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