



WILMINGTON COLLEGE

Undergraduate Catalog

2001–2003

WELCOME TO WILMINGTON COLLEGE

Wilmington College is a private, non-sectarian school which offers both undergraduate and graduate degree programs in a variety of instructional areas. The College began with a charter class of 194 students in 1968 and has grown to serve a student body of over 7,500 students of all ages, races, and creeds.

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 Wilmington College 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 Wilmington Graduate Center; Dover Air Force Base; Dover; the William A. Carter Partnership Center in Georgetown, Delaware; and a center in Rehoboth Beach, Delaware.

Wilmington College generally 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, as well as other students seeking housing.

The College Mission

Wilmington College exists to meet the needs of a diverse population facing rapid social, economic, and technological changes. Education programs are designed to prepare students to begin or continue a career, to improve their competitiveness, and to enhance personal growth.

The career orientation of Wilmington College is reflected in programs that offer undergraduate and graduate degrees with practical applications in the fields of study. The College is dedicated to offering these programs at convenient times and locations.

Wilmington College will fulfill its commitment to students as a private, non-residential, open-access college that serves people with varying interests, aspirations, and abilities. Quality programs and services will be provided on an affordable, convenient basis. Students at Wilmington College will realize their potential, further their ambitions, and improve their lives.

A Message from the President

I would like to thank you for considering Wilmington College as you look toward your future in higher education. For over 30 years, individuals such as you have been choosing Wilmington College for undergraduate and graduate programs.

Our educational program is designed to be flexible. Whether you are a recent high school graduate or an adult ready to begin or resume higher education, you will find that Wilmington College meets your needs. Our small classes and involved instructors provide an atmosphere for individualized attention that results in success for our students.

We offer educational choices that include associate, baccalaureate, master's, and doctoral degree programs. We also have non-credit programs that can help you make the transition to higher education by supplementing or reviewing your high school preparation. Wilmington College offers course work that is suitable for you—at your level.

You are at an exciting crossroads as you select a school for your college education. The institution you choose will play an important part in your future. I urge you to make your next step Wilmington College—where we measure our success by yours.



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.

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 foreign 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:

Dover (302) 734-2594
3282 N. DuPont Highway FAX: (302) 734-2618
Building 1
Dover, DE 19901

Dover Air Force Base (302) 674-8726
520 Main Gate Way FAX: (302) 674-5034
436 MSS/DPE
Dover Air Force Base, DE 19902-5520

Georgetown (302) 856-5780
William A. Carter Partnership Center FAX: (302) 856-5787
Rt. 18, P.O. Box 660
Georgetown, DE 19947

Graduate Center (302) 655-5400
518 N. King Street FAX: (302) 655-7360
Wilmington, DE 19801-3700

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

Rehoboth Beach Center (302) 227-6295
41 Rehoboth Avenue FAX: (302) 227-6507
Rehoboth Beach, DE 19971-2119

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 Students

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 writing 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. Supporting documentation must be received in the Admissions/Site Office prior to the end of the first semester of enrollment. Applications and supporting documents are kept on file for one year. 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 plan 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 school's Registrar.

Wilmington College accepts for transfer a maximum of 75 hours for a bachelor's degree and 30 hours for 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 students are required to take a minimum of 45 credits at Wilmington College. All baccalaureate degree programs require a minimum 120 credits, of which 45 credits must be upper division (300-400 level).

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.

Foreign Student Admission

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

1. Translated foreign 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 500 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. You 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 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 Loan
- The Federal Family Supplemental and 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.

Financial need is the primary criterion for assistance. The priority application deadline is April 30th 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 and the coaching staff of each sport determine the amount of scholarship. Recipients must be academically qualified and must conform to the NAIA/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. Obtain student aid applications and/or forms from the Office of Financial Aid at Wilmington College. Wilmington College accepts a needs analysis determined through the federal aid application. The web address is: www.fafsa.ed.gov.
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 which 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 110,000 volumes and subscribes to over 450 periodicals. The library features state-of-the-art technologies, including online catalog, 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.wilcoll.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 Association of Intercollegiate Athletics (NAIA) and the National Collegiate Athletic Association (NCAA). The College fields intercollegiate basketball, baseball, soccer, and cross-country for men and basketball, softball, volleyball, soccer, and cross-country for women. The Director of Athletics is responsible for the varsity 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 Eta Rho Aviation Fraternity, 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 which 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

Release of Student Information

Wilmington College will release the following directory information to interested parties upon request: name, address, telephone number, dates of attendance, degrees and awards received, participation in officially recognized activities and sports, and height and weight of members of athletic teams. Students who do not wish any or all of the above information to be released should send their written refusal to the Office of the Registrar.

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 which 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 advance registration, open registration, late registration, drop/add, and withdrawal are published by the College each semester in the registration booklet as well as the annual academic calendar. Copies are available at the Office of the Registrar, any site offices, or on our website. 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 receiving financial aid should consult with the Financial Aid Office to determine potential consequences of any change in course credit load.

Course Withdrawal

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

However, Wilmington College has 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.

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

000-100	Non-credit courses
101-198	Lower division courses
200-298	Lower division courses
300-398	Upper division courses
400-498	Upper division courses

Graduate Courses

5100-5600	Non-credit prerequisite courses
6100-8800	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 18 credit hours per semester or 9 credit hours in any one block requires approval of an academic advisor or site manager. Course loads of 21 or more credit hours per semester or 12 or more credit hours in any given block must have the approval of the Division Chair or the Vice President for Academic Affairs. Students wishing to carry excess course loads, as defined above, must also have a cumulative grade point average of 3.0 or better.

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 advance 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 which 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. Students are not charged by Wilmington College 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.

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. The following grading chart provides the minimum requirements for all undergraduate courses. Selected programs require a minimum of C- for passing.

A = 95-100	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	
B+ = 89-91	Good. The student's achievement exceeds the satisfactory accomplishment with a clear indication of initiative, comprehension of the material, and the ability to work with concepts.
B = 86-88	
B- = 83-85	
C+ = 80-82	Satisfactory. The student has met the formal requirements and has demonstrated comprehension of the material and the ability to work with concepts.
C = 77-79	
C- = 74-76	
D+ = 71-73	Lowest Passing Grade. The student's accomplishment, while passing in some programs, is deficient. Minimum requirements have been met but without distinction.
D = 68-70	
D- = 65-67	
F = Below 65	Failure. The student has not met the minimum requirements.
FA = Failure Due to Absence	Student failed to attend course and did not conclude withdrawal process.
S = Satisfactory	Pass. The student has met expected standards of scholarship. This grade signifies acceptable performance of the course objective.
U = Unsatisfactory	Failure. The student has not met the minimum requirements.
I = Incomplete	Extension granted to complete course work. Failure to complete course work within 60 days after the end of a semester or block results in a final grade of F (failure).
AU = Audit	(does not yield credit)
W = Withdrawal	No academic penalty.
NG = No Grade	A grade was not recorded by the instructor.

Grade Point Average and Quality Points

For each credit hour in which students are enrolled, they earn quality points as follows:

Grade A	4.00 quality points
Grade A-	3.67 quality points
Grade B+	3.33 quality points
Grade B	3.00 quality points
Grade B-	2.67 quality points
Grade C+	2.33 quality points
Grade C	2.00 quality points
Grade C-	1.67 quality points
Grade D+	1.33 quality points
Grade D	1.00 quality points
Grade D-	0.67 quality points
Grade Au, I, S, U, F, FA, NG	0.00 quality points

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.

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 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 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 or the Vice President 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 block (every seven 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 may be 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.

Graduation with Honors

Students in a bachelor's degree program who have a cumulative grade point average of 3.5 or better are eligible to graduate with honors according to the categories below. 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.

Academic Honors

Summa Cum Laude	3.85 - 4.00 GPA
Magna Cum Laude	3.70 - 3.84 GPA
Cum Laude	3.50 - 3.69 GPA



ACADEMIC PROGRAMS

Undergraduate

Degree Program	Academic Division	Degree	Location*				
			NC	GC	DAFB	D	GT
Accounting	Business	Bachelor of Science	•		•	•	•
Aviation Management	Business	Bachelor of Science	•		•		
Aviation Management-Flight Ops.	Business	Bachelor of Science	•		•		
Aviation Maintenance Management	Business	Bachelor of Science	•		•		
Professional Aeronautics	Business	Bachelor of Science	•		•		
Behavioral Science	Behavioral Science	Bachelor of Science	•		•	•	•
Business Management	Business	Bachelor of Science	•		•	•	•
Criminal Justice	Behavioral Science	Bachelor of Science	•		•	•	•
Early Childhood Education	Education	Associate of Science	•				
Early Care and Education	Education	Bachelor of Science	•			•	•
Finance	Business	Bachelor of Science	•		•	•	•
General Studies	General Studies	Associate of Arts	•		•		
General Studies	General Studies	Bachelor of Science	•		•	•	•
Human Resources Management	Business	Bachelor of Science	•		•	•	•
Information Resource Management	I. T. & Adv. Comm.	Bachelor of Science	•				
Interactive Multimedia Design	I. T. & Adv. Comm.	Bachelor of Science	•				
Internet & Networking Design	I. T. & Adv. Comm.	Bachelor of Science	•				
Marketing	Business	Bachelor of Science	•		•	•	•
Media Art, Design & Technology	I. T. & Adv. Comm.	Associate of Science	•				
Middle Level Education	Education	Bachelor of Science	•			•	•
Primary Level Education	Education	Bachelor of Science	•			•	•
Psychology	Behavioral Science	Bachelor of Science	•			•	•
Nursing	Nursing	Bachelor of Science in Nursing	•			•	•
Sports Management	Business	Bachelor of Science	•				
Television & Video Production	I. T. & Adv. Comm.	Bachelor of Science	•				

- * NC New Castle Main Campus
 GC Wilmington Graduate Center
 DAFB Dover Air Force Base Site
 D Dover Site
 GT Georgetown Site

Graduate

Degree Program	Academic Division	Degree	Location*				
			NC	GC	DAFB	D	GT
Master of Business Administration	Business	M.B.A.		•		•	•
Health Care Administration				•			•
Transportation & Business Logistics				•	•		
Master of Science in Management	Business	Master of Science		•	•		•
Health Care Administration				•			•
Human Resources Management				•	•		•
Public Administration				•	•		•
Transportation & Business Logistics				•	•		
Master of Science in Nursing	Nursing	Master of Science in Nursing	•				•
College Counseling & Student Affairs	Behavioral Science	Master of Science	•				•
Community Counseling	Behavioral Science	Master of Science	•				•
Criminal Justice Studies	Behavioral Science	Master of Science	•				
Master of Education	Education	Master of Education					
School Leadership/Instruction				•		•	•
School Counseling				•		•	•
Elementary Studies Primary					•	•	•
Elementary Studies Middle Level					•	•	•
Elementary Special Education					•	•	•
Reading					•	•	•
Applied Technology in Education					•		•
Innovation and Leadership	Education	Doctor of Education	•	•		•	

Further information about graduate programs may be found in the College's graduate catalog.

- * NC New Castle Main Campus
- GC Wilmington Graduate Center
- DAFB Dover Air Force Base Site
- D Dover Site
- GT Georgetown Site

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 credit hours**
English Composition I
English Composition II
Advanced Communication Skills

Humanities **12 credit hours**
Human World Views: Expressions
Human World Views: Applications
Two Humanities electives (6 credit hours) to be selected from:
BBM 319
Drama
DSN 110
ENG 360, ENG 365
Fine Art, Foreign Language,
Literature, Music, Philosophy,
Selected communications courses
(COM 245, COM 322)

Social Science **9 credit hours**
Economics
Two of the following:
Introduction to Psychology
Introduction to Sociology
History or Government Elective

Mathematics **3 credit hours**
See program requirement

Natural Science **3 credit hours**
See program requirement

Computer Operations **3 credit hours**
See program requirement

Total credits **39 credit hours**

DIVISION OF INFORMATION TECHNOLOGY & ADVANCED COMMUNICATIONS



Degree Programs

Associate of Science Degree Program

Media Art, Design & Technology

Bachelor of Science Degree Programs

Information Resource Management
(with managerial or technical concentrations)
Interactive Multimedia Design & Communication
Internet & Networking Design & Technology
Television & Video Production Design

Minors

Broadcast and Electronic Journalism
Drama
Media Broadcasting
Internet and Networking
Multimedia Production
Graphic Design and Desk Top Publishing

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 husbandry and implementation. Toward those ends, the faculty is committed to providing an academically challenging, aesthetically pleasing environment which 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:

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

Participants in the design-oriented programs will be able to:

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

Students in the Information Resource Management programs will be able to:

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

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 Communication 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 promulgated by ACM, AIS, and AITP. It involves a General Studies Core of 40 credit hours; a Business and Management Core of 27 credit hours; an Information Resource Management Core of 30 credit hours, either obtained via distance-learning web based delivery in the case of the “technical track” option, or obtained via traditional in-class experiences in the case of the “managerial track” option); and an additional 24 hours of technical support and “free” electives. The total credit hours needed to complete the Information Resource Management bachelor’s degree equals 121.

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.

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 nature of the classroom-based IRM program is closely aligned with the business curriculum at Wilmington College, while the Distance Learning–enabled segment of the offering has a decidedly technological leaning. The goal of the Distance Learning-enabled curriculum 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. This combination of principle and practice reflects the Carnegie Mellon School of Computer Science heritage, and the Wilmington College tradition of practitioner-based education.

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.

Curriculum

General Studies Core (39 credit hours)

BCS 210	Computer Science
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 101	Physics I (with Lab)

Humanities Electives (6 credits)

Choose two courses from the following:

ART, HUM, LIT, MUS, PHI

Social Science Electives (6 credits)

Choose two courses from the following:

PSY 101, SOC 101, HIS

Technical Support (12 credit hours)

MAT 102	College Math II
MAT 301	Principles of Statistics I
MAT 302	Principles of Statistics II
SCI 102	Physics II (with Lab)

Free Electives (12 credits hours)

Choose 12 credits from the following:

BBM, BCS, BLA, COM, ECO, FIN, HIS, GOV, PSY, PHI, SOC, TEC, IRM 490

Business and Management Core (27 credit hours)

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

Information Resource Management

MANAGERIAL OPTION (30 credit hours)

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

– or –

Information Resource Management

TECHNICAL OPTION (30 credit hours)

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

Suggested Program Sequence

Freshman

Semester 1

BCS 210
ENG 101
MAT 101
SCI 101
Elective (3 credits)

Semester 2

ECO 105
ENG 102
IRM 100/SSD190
MAT 102
SCI 102

Sophomore

Semester 1

BAC 101
IRM 110/SSD 191
IRM 200/SSD 290
MAT 301
Elective (3 credits)

Semester 2

BBM 201
IRM 300/SSD 291
IRM 310/SSD 390
MAT 302
Elective (3 credits)

Junior

Semester 1

BBM 301
ENG 111
HUM 360
IRM 320/SSD 391
IRM 400/SSD 392

Semester 2

BBM 320
BLA 301
HUM 361
IRM 410/SSD 490
Elective (3 credits)

Senior

Semester 1

FIN 305
HRM 311
IRM 420/SSD 491
Electives (6 credits)

Semester 2

BMK 305
BBM 319
IRM 450/SSD 492
Electives (6 credits)

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 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

(31 credit hours)

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 105 Physical Science

Media Design and Technology Core

(27 credit hours)

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 110 Basic Photographic Techniques
TEC 120 Demystifying the Internet

1 Elective from the following (3 credit hours)

- COM 201 Radio Production
- COM 318 Fundamentals of Multimedia
- COM 331 Single Camera Video Production
- COM 345 Electronic Journalism
- COM 346 Introduction to Interactivity
- COM 410 Television Studio Production
- COM 420 Non-linear Editing
- DSN 105 Visual Communication
- DSN 230 Graphic Design Applications
- DSN 320 Introduction to Web Page Design
- DSN 325 Multimedia Web Page Design
- DSN 401 Publication Design (Advanced Desktop Publishing)
- DSN 405 Photographic Studio Lighting
- DSN 410 Advanced Digital Image Manipulation
- TEC 330 Intro to Network Management
- TEC 340 Computer Technology
- TEC 366 Advanced Photographic Techniques

Suggested Program Sequence

Freshman

Semester 1

- Basic Design
- Computer Science
- English Composition 1
- Basic Photographic Tech.
- Demystifying the Internet

Semester 2

- Writing for the Media
- Fund. of Drawing
- Hist. & Principles of Math
- Intro. to Psychology
- Intro. to Audio

Sophomore

Semester 1

- ITAC Elective
- Desk Top Publishing
- Fund. of Economics
- Hist. of Art and Design
- Intro. to Video

Semester 2

- Communication Theory
- Fund. of Animation
- Digital Image Manip.
- Concept Development
- Physical Science

INTERACTIVE MULTIMEDIA DESIGN & COMMUNICATION

Bachelor of Science

Purpose

Interactive multimedia, an exciting new 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 for QuickTime Movies; Non Linear Editing by Premiere and Media 100; Photography, both Digital and Chemical; Desk Top Publishing; PhotoShop Imaging Manipulation; Graphic Design with Freehand; Macromedia Director; Digital Sound, Lingo Scripting; Typography; 3D Animation; Video and Audio Production; and Media Design Theory.

Curriculum

General Studies Core

(40 credit hours)

- ART 210 Basic Design
- BCS 210 Computer Science
- COM 245 Writing for the Media
- COM 300 Communication Theory
- COM 322 Aesthetics of Film
- ECO 105 Fundamentals of Economics
- ENG 101 English Composition I
- HIS 230 History of Art and Design
- MAT 205 History and Principles of Math
- PSY 101 Introduction to Psychology
- SCI 105 Physical Science
- HUM 360 Human World Views: Ideas
- HUM 361 Human World Views: Applications

Media Design and Technology Core

(30 credit hours)

- 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 110 Basic Photographic Techniques
- TEC 120 Demystifying the Internet
- Plus 1 elective from the associate degree list

Multimedia Design Core (42 credit hours)

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 hour)
COM 486	Advanced Production Design B (2 credit hours)
COM 490	Internship
DSN 230	Graphics Design Applications
DSN 310	3D and Computer Animation
DSN 401	Publication Design (Adv. Desk Top Publishing)
DSN 405	Photographic Studio Lighting
DSN 410	Advanced Digital Image Manipulation

3 electives from ITAC Division directed list: (9 credit hours)

Substitute electives may be added when appropriate.

Suggested Program Sequence**Freshman****Semester 1**

Basic Design
 Computer Science
 English Composition 1
 Basic Photographic Tech.
 Demystifying the Internet

Semester 2

Writing for the Media
 Fund. of Drawing
 Hist. & Principles of Math
 Intro. to Psychology
 Intro. to Audio

Sophomore**Semester 1**

ITAC Elective
 Desk Top Publishing
 Fund. of Economics
 Hist. of Art and Design
 Intro. to Video

Semester 2

Communication Theory
 Fund. of Animation
 Digital Image Manip.
 Concept Development
 Physical Science

Junior**Semester 1**

Fund. of Multimedia
 Intro. to Interactive Authoring
 3D and Computer Animation
 Photographic Studio Lighting
 Publication Design

Semester 2

H/C Interface Design
 Non Linear Editing
 Adv. Digital Image Man.
 HW Views 1: Expressions
 Graphics Design Appl.

Senior**Semester 1**

ITAC Elective
 ITAC Elective
 Media and Society
 Adv. Interactive Authoring
 Adv. Production Design A
 Internship

Semester 2

ITAC Elective
 Legal Aspects of Comm.
 Aesthetics of Film
 Production Design B
 HW Views 2: Applications

INTERNET AND NETWORKING**DESIGN & TECHNOLOGY****Bachelor of Science****Purpose**

Today most medium to large size organizations have an internal computer network or a presence on the Internet. This field has expanded tremendously over the past three years, and the opportunities for graduates in these areas are unlimited. Job applicants who are conversant in technical language and who offer good design skills should easily find employment. Such opportunities will only increase as the explosion in global communication, networking, and the Internet grows 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****(40 credit hours)**

ART 210	Basic Design
BCS 210	Computer Science
COM 245	Writing for the Media
COM 300	Communication Theory
COM 322	Aesthetics of Film
ECO 105	Fundamentals of Economics
ENG 101	English Composition I
HIS 230	History of Art and Design
MAT 205	History and Principles of Math
PSY 101	Introduction to Psychology
SCI 105	Physical Science
HUM 360	Human World Views: Ideas
HUM 361	Human World Views: Application

Media Design and Technology Core (30 credit hours)

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 110	Basic Photographic Techniques
TEC 120	Demystifying the Internet
Plus 1 elective from the associate degree list	

Networking and Internet Core (42 credit hours)

BBM 201	Principles of Management
COM 310	Legal Aspects of Communications
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 hour)
COM 486	Advanced Production Design B (2 credit hours)
COM 490	Internship
DSN 320	Introduction to Web Page Design
DSN 401	Adv. Desk Top Publishing
DSN 420	Advanced Web Page Design
TEC 330	Introduction to Network Management
TEC 340	Computer Technology
TEC 430	Advanced Network Management

3 electives from ITAC Division directed list (9 credit hours)

Substitute electives may be added when appropriate.

Suggested Program Sequence**Freshman****Semester 1**

Basic Design
 Computer Science
 English Composition I
 Basic Photographic Tech.
 Demystifying the Internet

Semester 2

Writing for the Media
 Fund. of Drawing
 Hist. & Principles of Math
 Intro. to Psychology
 Intro. to Audio

Sophomore**Semester 1**

ITAC Elective
 Hist. of Art and Design
 Intro. Desk Top Publishing
 Fund. of Economics
 Intro. to Video

Semester 2

Communication Theory
 Fund. of Animation
 Digital Image Manip.
 Concept Development
 Physical Science

Junior**Semester 1**

Intro. to Interactive Authoring
 Publication Design
 Intro. to Web Page Design
 Computer Technology
 Intro. to Network Mgt.

Semester 2

ITAC Elective
 H/C Interface Design
 Non Linear Editing
 HW Views 1: Expressions
 HW Views 2: Applications

Senior**Semester 1**

ITAC Elective
 Media and Society
 Internship
 Adv. Production Design
 Adv. Web Page Design
 Adv. Network Mgt.

Semester 2

ITAC Elective
 Principles of Mgt.
 Legal Aspects of Comm.
 Aesthetics of Film
 Adv. Production Design B
 Internship

TELEVISION AND VIDEO PRODUCTION DESIGN**Bachelor of Science****Purpose**

The video production track 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 into this major 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****(40 credit hours)**

ART 210	Basic Design
BCS 210	Computer Science
COM 245	Writing for the Media
COM 300	Communication Theory
COM 322	Aesthetics of Film
ECO 105	Fundamentals of Economics
ENG 101	English Composition I
HIS 230	History of Art and Design
MAT 205	History and Principles of Math
PSY 101	Introduction to Psychology
SCI 105	Physical Science (with Lab)
HUM 360	Human World Views: Ideas
HUM 361	Human World Views: Applications

Media Design and Technology Core (30 credit hours)

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 110 Basic Photographic Techniques
 TEC 101 Introduction to Audio
 TEC 102 Introduction to Video
 TEC 120 Demystifying the Internet
 Plus 1 elective from the associate degree list

Television & Video Prod. Design Core (42 credit hours)

COM 306 Scriptwriting 2
 COM 310 Legal Aspects of Communications
 COM 331 Single Camera Video Production
 COM 401 Producing the Documentary
 COM 410 TV Studio Production
 COM 411 TV Studio Production 2
 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 hour)
 COM 486 Advanced Production Design B (2 credit hours)
 COM 490 Internship
 DSN 405 Photographic Studio Lighting

3 electives from ITAC division directed list: (9 credit hours)

Substitute electives may be added when appropriate.

Suggested Program Sequence**Freshman****Semester 1**

Basic Design
 Computer Science
 English Composition 1
 Basic Photographic Tech.
 Demystifying the Internet

Semester 2

Writing for the Media
 Fund. of Drawing
 Hist. & Principles of Math
 Intro. to Psychology
 Intro. to Audio

Sophomore**Semester 1**

ITAC Elective
 Desk Top Publishing
 Fund. of Economics
 Hist. of Art and Design
 Intro. to Video

Semester 2

Communication Theory
 Fund. of Animation
 Digital Image Manip.
 Concept Development
 Physical Science

Junior**Semester 1**

ITAC Elective
 Single Camera Video Prod.
 Photographic Studio Lighting
 Producing the Documentary
 Media Research Methods

Semester 2

Scriptwriting 2
 HW Views 1: Exps
 HW Views 2: Apps
 Non-linear Editing
 TV Studio Production

Senior**Semester 1**

Media & Society
 Adv. Production Design A
 Internship
 TV Studio Production 2
 Comparative Int'l Broadcasting
 Internship

Semester 2

ITAC Elective
 ITAC Elective
 Legal Aspects of Comm.
 Aesthetics of Film
 Telecom. Media Mgt.
 Adv. Production Design B

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 120	Directing I
DRA 111	Acting II
DRA 220	Performance

Graphic 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

Media Broadcasting Minor

Individuals selecting this minor will be exposed to various facets of the broadcasting industry: comparing the American broadcasting system formats to world-wide systems, media management, and broadcast programming. Students will have a better understanding of how cable, satellite, independent, and broadcasting stations operate, from budgeting and selecting programming to media research.

TEC 330	Introduction to Network Management
TEC 342	Media Communications Technology
TEC 341	Maintenance Theory and Practice
COM 345	Electronic Journalism
COM 450	Telecommunications Media 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	3D & Computer Animation

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 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, the liberal arts and General Studies courses required of all Wilmington College students 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 state-wide, with day and evening classes offered at New Castle and Georgetown. Only evening classes are offered in Dover.

Program Policies

Elective Guidelines

The Behavioral Science Division recommends that students who transfer in six or more core classes and all 18 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 Division sets 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 credit hours)

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 2 courses from the following:	
ART, DRA, HUM, LIT, MUS, PHI, Foreign Language, COM 245, COM 322, DSN 110, ENG 360	
SCI 335	Human Anatomy and Physiology (4 credits)

Behavioral Science Core

(42 credit hours)

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
PSY 406	Tests and Measurements
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 credit hours)

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

Free Electives

(21 credit hours)

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
Science Elective
Cultural Anthropology
Life Span Development

Sophomore

1st Semester

Advanced Comm. Skills
Theories of Personality
Interpersonal Comm. Skills
Humanities Elective
Free Elective

2nd Semester

Humanities Elective
Fund. of Economics
Marriage & Family
Abnormal Psychology
Free Elective

Junior

1st Semester

HW Views: Exp.
Behavioral Science Elective
Behavioral Science Elective
Life Planning
History & Principles of Math

2nd Semester

HW Views: App.
Ethnic Groups & Minorities
Social Change
Group Dynamics
Applied Research Design

Senior

1st Semester

Tests & Measurements
Ethics & Values in Beh. Sci.
Free Elective
Behavioral Science Elective
Free Elective

2nd Semester

Seminar in Beh. Science
Behavioral Science 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, public administration, or criminology (sociology). A certificate program in criminal justice is also available.

Program of Study

The program includes courses in criminal justice studies, psychology, and sociology. Course work emphasizes individual development and group behavior, the criminal justice system, law, and ethical principles. Students also develop skills in interpersonal relations. In addition, liberal arts and other General Studies courses required of all Wilmington College students 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. The program is offered state-wide, with day and evening classes in New Castle, and evening classes only in Dover and Georgetown.

Curriculum

General Studies Core (39 credit hours)

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 2 courses from the following:	
ART, DRA, HUM, LIT, MUS, PHI, Foreign Language,	
COM 245, COM 322, DSN 110, ENG 360	
Natural Science Elective	

Criminal Justice Core (45 credit hours)

CRJ 101	Introduction to Criminal Justice
CRJ 205	Principles of Criminology
CRJ 206	Introduction to Correctional Systems
CRJ 207	Introduction to Law Enforcement
CRJ 301	Juvenile Justice
CRJ 303	Administration of Criminal Justice Organizations
CRJ 304	Constitutional Law & Procedures
CRJ 316	Criminal Law & Procedures
CRJ 450	Seminar in Criminal Justice
PHI 302	Ethics & Values in Behavioral Science
PSY 301	Social Psychology
PSY 309	Interpersonal Communication Skills
SDL 300	Life Planning
SOC 304	Ethnic Groups and Minorities
SOC 340	Applied Research Design

Criminal Justice Electives (18 credit hours)

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

Free Electives (18 credit hours)

Suggested Program Sequence

Freshman

1st Semester	2nd Semester
English Composition I	English Composition II
Intro. to Psychology	Principles of Criminology
PC Operations I	Free Elective
Intro. to Criminal Justice	Humanities Elective
Intro. to Sociology	

Sophomore

1st Semester	2nd Semester
Advanced Comm. Skills	Fund. of Economics
Social Psychology	Intro. to Law Enforcement
Humanities Elective	Criminal Law & Proc.
Intro. to Corrections	Criminal Justice Elective
Free Elective	Life Planning

Junior

1st Semester	2nd Semester
Admin. of CJ Organizations	HW Views: App.
-or- Public Administration	Criminal Justice Elective
Constitutional Law & Proc.	Juvenile Justice
Hist. & Principles of Math	Ethnic Groups & Minorities
Interpersonal Comm. Skills	Criminal Justice Elective
HW Views & Exp: Ideas	

Senior

1st Semester	2nd Semester
Applied Research Design	Criminal Justice Elective
Ethics & Values in B.S.	Seminar in Criminal Justice
Criminal Justice Elective	Free Elective
Criminal Justice Elective	Free Elective
Free Elective	Free Elective

Criminal Justice Certificate Program

Students may start 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**

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	Introduction to Criminal Justice
CRJ 205	Principals of Criminology

Criminal Justice Electives**6 credits****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 courses required at Wilmington College provide students with a well-rounded academic foundation. The program is offered statewide, with day and evening classes offered at New Castle and Georgetown. Only evening classes are offered in Dover.

Minimum Grade Policy

The Behavioral Science Division sets 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 hours)**

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 Principals 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, DRAMA, HUM, LIT, MUS, PHI, Foreign Language, COM 245, COM 322, DSN 110, ENG 360

Common Major Core**(18 hours)**

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 hours)**

MAT 308	Fundamentals of 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 hours)**

Six courses beginning with the prefix "PSY"

Free Electives**(20 hours)**

DIVISION OF BUSINESS

Degree Programs

Bachelor of Science Degree Programs:

Accounting
Aviation Management
Aviation Management - Flight Operations
Aviation Maintenance Management
Business Management
Finance
Human Resources Management
Marketing
Professional Aeronautics
Sports Management

Minors:

Finance
Human Resources 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:

- apply analytical skills consistently in problem solving and decision making,
- apply theory to analyze contemporary business events,
- demonstrate effective business communication through the expression of both written and oral ideas,
- demonstrate proficiency in using technology in the business environment,
- demonstrate capability in meeting the challenges of an international environment,
- recognize the importance of the interdependence present in all organizational systems,
- demonstrate professional and ethical behavior,
- demonstrate the ability to objectively evaluate diverse views using critical thinking skills,
- demonstrate commitment to self-directed, life-long learning to promote personal and professional development.

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.

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.

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 credit hours)

BCS 205	Personal Computer Operations I
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 2 courses from the following:	
ART, DRA, HUM, LIT, MUS, PHI, Foreign Language, COM 245, COM 322, DSN 110, ENG 360, ENG 365	
Natural Science Elective	
Social Science Electives (6 credits):	
Choose 2 courses from the following: PSY 101	
Introduction to Psychology, SOC 101 Introduction to Sociology, History/Government Elective	

Business Management Core

(42 credit hours)

BAC 101	Accounting I
BAC 102	Accounting II
BBM 201	Principles of Management
BBM 319	Business Ethics
BBM 320	Business Communication
BBM 402	Business Policy & Decision Making
BLA 301	Business Law I
BLA 302	Business Law II
BMK 305	Marketing
ECO 102	Economics II
FIN 305	Financial Management
MAT 102	College Math II
MAT 301	Principles of Statistics I
MAT 302	Principles of Statistics II

Accounting Core

(30 credit hours)

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)

Free Electives

(9 credit hours)

Suggested Program Sequence

Freshman

1st Semester

English Composition I
Free Elective
PC Operations I
College Math I
Accounting I

2nd Semester

English Composition II
Free Elective
Social Science Elective
College Math II
Accounting II

Sophomore

1st Semester

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

2nd Semester

Principles of Management
Marketing
Economics II
Intermediate Accounting II
Statistics II

Junior

1st Semester

Human World Views: Exp.
Cost Accounting I
Tax Accounting I
Business Law I
Business Ethics

2nd Semester

Human World Views: App.
Cost Accounting II
Tax Accounting II
Business Law II
Business Communication

Senior

1st Semester

Advanced Accounting I
Auditing
Financial Management
Humanities Elective
Social Science Elective

2nd Semester

Advanced Accounting II
Accounting Info. Syst. (AIS)
Science Elective
Bus. Pol. & Decision Mkg.
Free Elective

AVIATION MANAGEMENT

Purpose

The Bachelor of Science in Aviation Management degree program offers courses and field experiences that provide students with practical and theoretical training in the fields of business and aviation management. This program focuses on giving the student the necessary knowledge and skills to compete successfully in the aviation industry.

Program of Study

Flight Operations and Aviation Management programs are offered at the New Castle and Dover Air Force Base sites of Wilmington College. Students enrolled in these programs must

complete the General Studies core requirements, the Business core requirements, and the Aviation core requirements.

Graduates of the Wilmington College Aviation Management programs are well-qualified for a variety of positions in the aerospace industry. To complement the formal study, the College encourages students to participate in the local chapter of the international aviation fraternity, Alpha Eta Rho. In addition, students may participate in the ground and flight contests of the National Intercollegiate Flying Association.

Flight Operations: All flight education is conducted under the Federal Aviation Regulation Part 141 certification. The ground courses are conducted by the College, and flight instruction is conducted under contract by a certified flight school at New Castle County Airport. Aeronautical science majors must obtain a Class II FAA medical certificate which is required for a commercial pilot certificate. Experiential credit may be granted for pilot certificates or ratings held prior to enrolling at the College. Once enrolled, all subsequent flight instruction must be received through the Wilmington College aviation program. Additional information on flight instruction and credit for prior training or certification is available from the aviation program coordinator.

Program Costs: The cost of flight training is in addition to normal college tuition and fees. The fee for each flight laboratory course is payable at the time of registration unless the student is on an approved payment plan or has approved student loans or scholarships. These fees are based on the cost for an average student to complete the flight instruction in the specified syllabus and include costs for FAA knowledge and flight exams.

Program Competencies

Students completing any of the Aviation Management degree programs 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. Demonstrate communications skills necessary for entry level aviation positions.
4. Demonstrate an understanding of how human factors affect aircraft design, safety, and management issues in aviation.
5. Synthesize knowledge from Business Management courses and Aviation Management courses to perform effectively in the aviation industry.

In addition to the above general aviation competencies, each aviation track has specific competencies as follows:

Flight Operations

- Apply the principles of learning through demonstrating skill and commitment in the role of a teacher/leader/flight instructor.
- Apply aircraft systems and basic aerodynamics knowledge to successfully complete an entry-level aircraft systems training course.

Management/Maintenance

- Apply general business skills of marketing, planning, and human resources to specific aviation positions.

Professional Aeronautics

- Synthesize previous knowledge and experience in the aviation field with knowledge developed through Aviation Management and Business.

Non-Flight Curriculum

General Studies Core (39 credit hours)

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
HIS 303	History of Aviation
HUM 360	Human World Views & Expressions: Ideas
HUM 361	Human World Views: Applications
MAT 200	Pre-Calculus
PSY 101	Introduction to Psychology
SCI 101	Physics I

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, ENG 365

Business Management Core (39 credit hours)

BAC 101	Accounting I
BAM 310	Aviation Law
BBM 201	Principles of Management
BBM 301	Organizational Behavior
BBM 319	Business Ethics
BBM 320	Business Communication
BBM 402	Business Policy & Decision Making
BMK 305	Marketing
FIN 305	Financial Management
HRM 300	Collective Bargaining

HRM 311	Human Resources Management
MAT 308	Fundamentals of Statistics
SCI 102	Physics II with Lab

Aviation Management Core (30 credit hours)

BAM 201	Basic Flight Theory
BAM 302	Aviation Safety
BAM 304	Transportation
BAM 306	Air Traffic Control
BAM 311	FBO Management
BAM 330	Human Factors in Aviation
BAM 410	Government and Aviation
BAM 411	Airport Management
BAM 412	Airline Management
SCI 303	Meteorology

Electives (12 credit hours)

Free Elective

One course must be taken from the following:

BBM 315	Supervisory Management
ENG 320	Advanced Composition
PSY 301	Social Psychology
PSY 315	Group Dynamics

Two courses must be taken from the following:

BAM 415	Aviation Maintenance Management
BAM 460-1	Topics in Aviation
BAM 490-4	Internship in Aviation Management
BBM 331	Business and Society
BBM 340	Public Administration
BBM 380	Seminar in Public Administration
BBM 460-1	Topics in Business Administration

Suggested Program Sequence

Freshman

1st Semester

English Composition I
History of Aviation
Basic Flight Theory
Introduction to Psychology
PC Operations I

2nd Semester

English Composition II
Fund. of Economics
Humanities Elective
Pre-Calculus

Sophomore

1st Semester

Air Traffic Control
Physics I
Advanced Comm. Skills
Accounting I
Aviation Safety

2nd Semester

Principles of Management
Physics II
Humanities Elective
Financial Management
Marketing

Junior**1st Semester**

Human World Views: Exp.
Aviation Law*
Fundamentals of Statistics
FBO Management*
Meteorology

2nd Semester

Human World Views: App.
Organizational Behavior
Human Resources Mgt.
Transportation
Free Elective

Senior**1st Semester**

Airport Management*
Collective Bargaining
Government & Aviation*
Communication
Aviation/BBM Elective**

2nd Semester

Airline Management*
Bus. Pol. & Decision Mkg.
Business Ethics Business
Aviation/BBM Elective**
Elective**

Flight Operations Curriculum**General Studies Core****(39 credit hours)**

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
HIS 303 History of Aviation
HUM 360 Human World Views & Expressions: Ideas
HUM 361 Human World Views: Applications
MAT 200 Pre-Calculus
PSY 101 Introduction to Psychology
SCI 101 Physics I (with Lab)
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, ENG 365

Business Management Core**(30 credit hours)**

BAC 101 Accounting I
BAM 310 Aviation Law
BBM 201 Principles of Management
BBM 301 Organizational Behavior
BBM 320 Business Communication
BBM 402 Business Policy & Decision Making
BMK 305 Marketing
HRM 311 Human Resources Management
MAT 308 Fundamentals of Statistics
SCI 102 Physics II with Lab

Aviation Management Core**(48 credit hours)**

BAM 201 Basic Flight Theory
BAM 202 Private Pilot Certification Lab*
BAM 302 Aviation Safety
BAM 304 Transportation
BAM 306 Air Traffic Control
BAM 307 Commercial Pilot Certification Lab*
BAM 308 Instrument Flight Theory
BAM 309 Instrument Pilot Rating Lab*
BAM 311 FBO Management
BAM 317 Advanced Flight Theory
BAM 330 Human Factors in Aviation
BAM 410 Government and Aviation
BAM 412 Airline Management
BAM 416 Multi-Engine Rating Lab*
BAM 417 Certified Flight Instructor—Airplane Lab*
SCI 303 Meteorology

Free Electives**(3 credit hours)**

* indicates flight lab courses with special fees/tuition

Suggested Program Sequence**Freshman****1st Semester**

English Composition I
History of Aviation
Basic Flight Theory
Introduction to Psychology
PC Operations I

2nd Semester

English Composition II
Fund. of Economics
Humanities Elective
Private Pilot Certification
Pre-Calculus

Sophomore**1st Semester**

Air Traffic Control
Physics I with Lab
Instrument Flight Theory
Accounting I
Aviation Safety

2nd Semester

Principles of Management
Physics II with Lab
Advanced Comm. Skills Ac-
Marketing
Instrument Rating

Junior**1st Semester**

Transportation
Aviation Law*
Fund. of Statistics
Meteorology
Advanced Flight Theory

2nd Semester

Human World Views: Exp.
Organizational Behavior
Human Resources Mgt.
Commercial Pilot Cert.
Free Elective

Senior

1st Semester

Human World Views: App.
FBO Management*
Government & Aviation*
Business Communication
CFI-Airplane

2nd Semester

Airline Management*
Bus. Pol. & Decision Mkg.
Human Factors*
Humanities Elective
Multi-engine Rating

* Courses are offered every other year. Courses should be taken when offered in either junior or senior year.

** See curriculum listing for requirements for fulfilling elective credits.

AVIATION MAINTENANCE MANAGEMENT

Purpose

The Bachelor of Science degree program in Aviation Maintenance Management offers courses and field experience to holders of a Federal Aviation Administration (FAA) Mechanics Certificate with Airframe and Powerplant ratings. 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. To complete the program, students must hold an FAA Mechanics Certificate with Airframe and Powerplant ratings. Students must complete the General Studies core, the Business core, and the Aviation core requirements.

A graduate of Wilmington College Aviation Maintenance Management program is well-qualified for a variety of positions in the aerospace industry. To complement the formal study, the College encourages participation in the local chapter of the international aviation fraternity, Alpha Eta Rho. In addition, students may participate in the ground and flight contests of the National Intercollegiate Flying Association.

Curriculum

General Studies Core

(39 credit hours)

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
HIS 303 History of Aviation

HUM 360 Human World Views & Expressions: Ideas

HUM 361 Human World Views: Applications

MAT 308 Fundamentals of Statistics

PSY 101 Introduction to Psychology

SCI 101 Physics I with Lab

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, ENG 365

Business Management Core

(30 credit hours)

BAC 101 Accounting I

BAM 310 Aviation Law

BBM 201 Principles of Management

BBM 301 Organizational Behavior

BBM 320 Business Communication

BBM 402 Business Policy & Decision Making

BMK 305 Marketing

MAT 308 Fundamentals of Statistics

SCI 102 Physics II with Lab

SCI 315 Chemistry

Aviation Maintenance Management Core (48 credit hours)

BAM 302 Aviation Safety

BAM 311 FBO Management

BAM 330 Human Factors in Aviation

BAM 410 Government and Aviation

BAM 412 Airline Management

Aircraft Materials 2*

Aircraft Systems 3*

Avionic Systems 3*

Engineering Drawing 2*

Propulsion 6*

Propulsion Lab 4*

Structures 6*

Structures Lab 4*

Technical Electives 3*

Free Electives (3 credit hours)

* Students transfer courses from other schools which provide the maintenance concentration under FAR 147. Wilmington College provides the remaining courses towards the degree. Six of the Airframe and Powerplant credits are upper level.

Suggested Program Sequence

Freshman

Airframe and Powerplant courses to be transferred

Sophomore

1st Semester

English Composition I
History of Aviation
Pre-Calculus
Introduction to Psychology
PC Operations I

2nd Semester

English Composition II
Fundamentals of Statistics
Aviation Safety
Fundamentals of Economics
Principles of Management

Junior

1st Semester

Aviation Law*
Physics I with Lab
Accounting I
Advanced Comm. Skills
Humanities Elective

2nd Semester

Airline Management*
Physics II with Lab
Marketing
Chemistry
Humanities Elective

Senior

1st Semester

Human World Views: Exp.
Human Factors in Aviation
Government Aviation*
FBO Management
Business Communication

2nd Semester

Human World Views: App.
Bus. Pol. & Decision Mkg.
Organizational Behavior
Free Elective

* Courses are offered every other year and should be taken when offered in either junior or senior year.

PROFESSIONAL AERONAUTICS

Purpose

The Bachelor of Science degree program in Professional Aeronautics offers courses and field experiences to students with military aviation maintenance backgrounds. 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. To complete the program, students must have been a qualified aviation maintenance technician for the military, verified by required documentation. Students must complete the General Studies core, the Business

core, and the Aviation core requirements. A graduate of the Wilmington College Professional Aeronautics program is well qualified for a variety of positions in the aerospace industry. To complement the formal study, the College encourages participation in the local chapter of the international aviation fraternity, Alpha Eta Rho. In addition, students may participate in the ground and flight contests of the National Intercollegiate Flying Association.

Curriculum

General Studies Core (39 credit hours)

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
HIS 303 History of Aviation
HUM 360 Human World Views & Expressions: Ideas
HUM 361 Human World Views: Applications
MAT 101 College Math I
PSY 101 Introduction to Psychology
Natural Science Elective
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, ENG 365
Free Elective

Business Management Core (27 credit hours)

BAC 101 Accounting I
BAM 310 Aviation Law
BBM 201 Principles of Management
BBM 301 Organizational Behavior
BBM 319 Business Ethics
BBM 320 Business Communication
BMK 305 Marketing
MAT 308 Fundamentals of Statistics
SCI 102 Physics I with Lab

Aviation Core (48 credit hours)

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

Concentration:

18-36 transfer credits in aviation technology (exact number of credits awarded will vary with the student's background)

Aviation Electives

At least two (2) aviation core courses must be taken from the following (at least one course must be upper-level):

BAM 102	BAM 306
BAM 201	BAM 411
BAM 202	BAM 460-1
BAM 304	SCI 315
BAM 305	Free electives

Suggested Program Sequence

Freshman

Transferred credits

Sophomore

1st Semester

English Composition I
 History of Aviation
 College Math I
 Introduction to Psychology
 PC Operations I

2nd Semester

English Composition II
 Fundamentals of Statistics
 Aviation Safety
 Fund. of Economics
 Principles of Management

Junior

1st Semester

Aviation Law*
 Free Elective
 Accounting I
 Advanced Comm. Skills
 Humanities Elective

2nd Semester

Organizational Behavior
 Physics I with Lab
 Marketing
 Natural Science Elective Hu-
 Humanities Elective

Senior

1st Semester

Human World Views: Exp.
 Aviation Elective
 Government Aviation*
 Business Ethics
 Business Communication

2nd Semester

Human World Views: App.
 Bus. Pol. & Decision Mkg.
 Airline Management
 Aviation Elective
 Aviation Elective (if required)

* Courses are offered every other year and should be taken when offered in either junior or senior year.

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 which are basic to an understanding of the management field. In addition, 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.

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 credit hours)

BCS 205	Personal Computer Operations I
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 2 courses from the following:

ART, DRA, HUM, LIT, MUS, PHI, Foreign Language,
COM 245, COM 322, DSN 110, ENG 360, ENG 365

Natural Science Elective

Social Science Electives (6 credit hours)

Two of the following three:

PSY 101 Introduction to Psychology

SOC 101 Introduction to Sociology

History/Government Elective

Business Management Core (45 credit hours)

BAC 101	Accounting I
BAC 102	Accounting II
BBM 201	Principles of Management
BBM 319	Business Ethics
BBM 320	Business Communication
BBM 370	International Business Management
BBM 402	Business Policy & Decision Making
BLA 301	Business Law I
BLA 302	Business Law II
BMK 305	Marketing
ECO 102	Economics II
FIN 305	Financial Management
MAT 102	College Math II
MAT 301	Principles of Statistics I
MAT 302	Principles of Statistics II

Business Management Electives (18 credit hours)

Free Electives (18 credit hours)

Suggested Program Sequence

Freshman

1st Semester	2nd Semester
English Composition I	English Composition II
College Math I	College Math II
Social Science Elective	Humanities Elective
PC Operations I	Science Elective
Free Elective	Free Elective

Sophomore

1st Semester	2nd Semester
Accounting I	Accounting II
Economics I	Economics II
Advanced Comm. Skills	Marketing
Principles of Management	Humanities Elective
Social Science Elective	Free Elective

Junior

1st Semester	2nd Semester
Human World Views: Exp.	Human World Views: App.
Business Law I	Business Law II
Statistics I	Statistics II
Financial Management	Business Elective
International Business Mgt.	Free Elective

Senior

1st Semester	2nd Semester
Business Ethics	Bus. Pol. & Decision Mkg.
Business Communication	Business Elective
Business Elective	Business Elective
Business Elective	Business Elective
Free Elective	Free 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.

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 an 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 valuation 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 credit hours)

BCS 205	Personal Computer Operations I
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 2 courses from the following:

ART, DRA, HUM, LIT, MUS, PHI, Foreign Language,
COM 245, COM 322, DSN 110, ENG 360, ENG 365

Natural Science Elective

Social Science Electives (6 credit hours)

Two of the following three:

PSY 101 Introduction to Psychology

SOC 101 Introduction to Sociology

History/Government Elective

Business Management Core (42 credit hours)

BAC 101	Accounting I
BAC 102	Accounting II
BBM 201	Principles of Management
BBM 319	Business Ethics
BBM 320	Business Communication
BBM 402	Business Policy & Decision Making
BLA 301	Business Law I
BLA 302	Business Law II
BMK 305	Marketing
ECO 102	Economics II
FIN 305	Financial Management
MAT 102	College Math II
MAT 301	Principles of Statistics I
MAT 302	Principles of Statistics II

Finance Core (18 credit hours)

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

One of the following:

FIN 411 Investment and Security Analysis

FIN 412 Financial Institution Management

Business Electives (6 credit hours)

Suggested:

HRM 311	Human Resources Management
BBM 411	Operations Management
BAC 201	Intermediate Accounting I
BBM 370	International Business Management

Free Electives (15 credit hours)

Suggested Program Sequence

Freshman

1st Semester

English Composition I

College Math I

Social Science Elective

PC Operations I

Economics I

2nd Semester

English Composition II

Social Science Elective

Science Elective

College Math II

Economics II

Sophomore

1st Semester

Accounting I
Advanced Comm. Skills
Personal Finance
Humanities Elective
Free Elective

2nd Semester

Accounting II
Principles of Management
Marketing
Social Science Elective
Financial Planning

Junior

1st Semester

Human World Views: Exp.
Business Law I
Financial Management
Corporate Finance
Statistics I

2nd Semester

Human World Views: App.
Business Law II
Fin. Econ. & Instruments
Humanities Elective
Statistics II

Senior

1st Semester

Fin. Reporting & Analysis
Free Elective
Business Ethics
Humanities Elective
Free Elective

2nd Semester

Financial Institution Mgt.
OR Invest. and Secur. Anal.
Bus. Pol. & Decision Mkg.
Business Elective
Free Elective
Free Elective

HUMAN RESOURCES MANAGEMENT

Purpose

The objective of the Bachelor of Science degree program in Human Resources Management is to allow students to develop a background that will enable them to gain entry into the field of human resources management. The program includes a general overview of the following areas: job design, recruiting, interviewing, selecting and staffing, compensation and benefits, employee assistance, union and labor relations, and training and development.

Program of Study

The Human Resources Management degree program combines a significant liberal arts component with an emphasis on the development of strong managerial, organizational, and human resources skills.

The curriculum takes a behavioral approach to organizational and managerial situations while developing management decision-making, planning, and communication skills. Students are exposed to trends and processes which address the selection, development, and utilization of human resources in various organizations.

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 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 credit hours)

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
HUM 360 Human World Views & Expressions: Ideas
HUM 361 Human World Views: Applications
MAT 205 History & Principles of Math

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, ENG 365

Natural Science Elective

Social Science Electives (6 credit hours)

Two of the following three:

PSY 101 Introduction to Psychology
SOC 101 Introduction to Sociology
History/Government Elective

Human Resources Management Core

(51 credit hours)

BAC 101 Accounting I
BBM 201 Principles of Management
BBM 301 Organizational Behavior
BBM 319 Business Ethics
BBM 320 Business Communication
BBM 402 Business Policy & Decision Making
FIN 305 Financial Management
HRM 300 Labor Relations & Collective Bargaining
HRM 305 Recruiting and Staffing
HRM 311 Human Resources Management

HRM 312	Computer Applications in Human Resources Management
HRM 320	Safety in the Workplace
HRM 400	Legal Aspects of Human Resources Management
HRM 405	Compensation Administration
HRM 410	Training and Development
MAT 308	Fundamentals of Statistics
PSY 315	Group Dynamics

Human Resources Management Electives (15 credit hours)

Free Electives (15 credit hours)

Suggested Program Sequence

Freshman

1st Semester

English Composition I
Fund. of Economics
History & Principles of Math
Social Science Elective
Free Elective

2nd Semester

English Composition II
PC Operations I
Business Elective
Free Elective
Free Elective

Sophomore

1st Semester

Accounting I
Advanced Comm. Skills
Humanities Elective
Social Science Elective
Free Elective

2nd Semester

Principles of Management
Fund. of Statistics
Humanities Elective
Science Elective
Free Elective

Junior

1st Semester

Human World Views: Exp.
Organizational Behavior
Human Resources Mgt.
Coll. Bargaining & Arbitration
Financial Mgt.

2nd Semester

Human World Views: App.
Comp. App. in Hum. Res.
Group Dynamics
Recruiting & Staffing
Free Elective

Senior

1st Semester

Safety in the Workplace
Legal Aspects of HRM
Business Communication
Free Elective
Free Elective

2nd Semester

Compensation Admin.
Training & Development
Bus. Pol. & Decision Mkg.
Free Elective
Free 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.

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. Understand the foundations and principles of selling.
3. Demonstrate the ability to utilize a variety of marketing tools.
4. Demonstrate a knowledge of the design, implementation, control, and evaluation functions relating to marketing.
5. Become aware of the various challenges involved in marketing products and services.

Curriculum

General Studies Core

(39 credit hours)

BCS 205	Personal Computer Operations I
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 2 courses from the following:

ART, DRA, HUM, LIT, MUS, PHI, Foreign Language, COM 245, COM 322, DSN 110, ENG 360, ENG 365

Natural Science Elective

Social Science Electives (6 credit hours)

Two of the following three:

PSY 101 Introduction to Psychology

SOC 101 Introduction to Sociology

History/Government Elective

Business Management Core (42 credit hours)

BAC 101	Accounting I
BAC 102	Accounting II
BBM 201	Principles of Management
BBM 319	Business Ethics
BBM 320	Business Communication
BBM 402	Business Policy & Decision Making
BLA 301	Business Law I
BLA 302	Business Law II
BMK 305	Marketing
ECO 102	Economics II
FIN 305	Financial Management
MAT 102	College Math II
MAT 301	Principles of Statistics I
MAT 302	Principles of Statistics II

Marketing Core (18 credit hours)

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

Free Electives (21 credit hours)

Suggested Program Sequence

Freshman

1st Semester	2nd Semester
English Comp. I	English Comp. II
College Math I	College Math II
Social Science Elective	Humanities Elective
PC Operations I	Science Elective
Free Elective	Free Elective

Sophomore

1st Semester	2nd Semester
Accounting I	Accounting II
Economics I	Economics II
Principles of Management	Marketing
Advanced Comm. Skills	Humanities Elective
Social Science Elective	Prin. of Advertising & Public Relations

Junior

1st Semester	2nd Semester
Human World Views: Exp. App.	Human World Views:
Business Law I	Business Law II
Statistics I	Statistics II
Financial Management	Sales Management
Free Elective	Free Elective

Senior

1st Semester	2nd Semester
Business Communications	Bus. Policy & Decision Mkg.
Free Elective	Industrial & Bus. Marketing
Marketing Research	Free Elective
International Marketing	Marketing Management
Business Ethics	Free Elective

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 schools, business, and recreational institutions.

Program of Study

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

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.

Program Competencies

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

1. Demonstrate an understanding of the different skills which 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 credit hours)

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
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
Natural Science Elective	
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, ENG 365	

Business Management Core (33 credit hours)

BAC 101	Accounting I
BBM 102	Introduction to Business
BBM 201	Principles of Management
PHI 319	Business Ethics
BBM 320	Business Communication
BBM 351	Small Business Management
BBM 402	Business Policy & Decision Making
BLA 301	Business Law I
BMK 305	Marketing
FIN 305	Financial Management
MAT 308	Fundamentals of Statistics

Sports Management Core (33 credit hours)

SPM 301	Legal Issues in Sports
SPM 304	Current Issues in Sports Management
SPM 305	Sports Management I
SPM 405	Sports Management II
SPM 406	Recreational Facilities Management & Planning
SPM 407	Sports Marketing and Promotions
SPM 408	Financing Sports Operations
BMK 350	Public Relations
PSY 315	Group Dynamics
PSY 353	Sports Psychology
SDL 300	Life Planning

Internship (6 credit hours)

Free Electives (9 credit hours)

Suggested Program Sequence

Freshman

1st Semester

English Composition I
History & Principles of Math
Introduction to Psychology
Introduction to Business
PC Operations I

2nd Semester

English Composition II
Fund. of Economics
Introduction to Sociology
Natural Science Elective
Free Elective

Sophomore

1st Semester

Accounting I
Advanced Comm. Skills
Principles of Management
Marketing
Humanities Elective

2nd Semester

Sports Markt. & Promotions
Legal Issues in Sports
Fundamentals of Statistics
Group Dynamics
Humanities Elective

Junior

1st Semester

Human World Views: Exp.
Sports Management I
Business Law I
Business Communication
Financial Management

2nd Semester

Human World Views: App.
Sports Psychology
Financing Sport Operations
Sports Mgt. Internship
Free Elective

Senior

1st Semester

Business Ethics
Recreational Facilities Mgt.
Public Relations
Life Planning
Sports Management II

2nd Semester

Bus. Pol. & Decision Mkg.
Small Business Management
Sports Mgt. Internship
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.

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 credit hours)

BAC 101	Accounting I
FIN 202	Financial Planning
FIN 305	Financial Management
FIN 306	Corporate Finance

One of the following:

FIN 411	Investments and Security Analysis
FIN 412	Financial Institution Management

One of the following:

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

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 Resources Management Minor

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

HRM Minor (24 credit hours)

HRM 300	Labor Relations & Collective Bargaining
HRM 305	Recruiting & Staffing
HRM 310	Organizational Development
HRM 311	Human Resources 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 credit hours)

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 resources 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
HRM 311	Human Resources Management
HRM 340	The Adult Learner
HRM 410	Training & Development (Prereq. required)
HRM 420	Organizational Comm. (Prereq. required)



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

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.

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.

Wilmington College's pass rate submitted on the HEA Title II report for the 1999-2000 academic year 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: wilmcoll.edu.

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.

Clinical Requirements

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

Field placements (internship, practicum, student teaching) for teacher preparation 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 1 for spring semester placements and March 1 for fall semester placements. A laboratory fee is required.

Curriculum

General Studies Core (24-25 credit hours)

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 credit hours from ART 101, 202, 210, 245, 301, 310; DRA 105, 110, 140, 200; MUS 101, 201, 205; HUM 307, 330; TEC 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 credit hours)

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

Education Core (30 credit hours)

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

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).

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 the public schools. 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 professional education course. All teacher preparation programs meet standards established by the National Association of State Directors of Teacher Education and Certification (NASDTEC), thereby qualifying teacher candidates for certification in all member states.

Program Competencies—BS in Education

Numbers 1-12 are based on the 1998 Delaware's 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; 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 field placements (practicum and student teaching) must meet required application procedures and deadlines. Students must apply to the Office of Clinical Studies on the New Castle campus for each practicum at least 60 days before the semester in which the practicum begins. Applicants for student teaching must apply to the Office of Clinical Studies on the New Castle campus by October 1 for spring semester placements, or by March 1 for fall semester placements. Applications for practicum and student teaching placement are available at all sites, in all advising offices, and may be downloaded from the Wilmington College website. Applications for supervised field experiences (practicum and 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 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, 406, 407, 408, 409, 410

Early Care and Education Concentration (Birth-K) Curriculum

General Studies (60 credit hours)

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, 310;
DRA 105, 110, 140, 200; MUS 101, 201, 205; HUM
307, 330, TEC 110

Behavioral Science Core (12 credit hours)

PSY 101 Introduction to Psychology
PSY 330 Infant and Toddler Development*
PSY 201 Child Growth and Development
PSY 333 Psychology of the Exceptional Child

Education Core (27 credit hours)

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 credit hours)

ECE 203 Methods of Teaching Art, Music, and
Movement
ECE 204 Integrated Methods: Language Arts, Social
Studies, Science, and Math
ECE 390 Practicum I
ECE 391 Practicum II
ECE 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 credit hours)

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, 310;
DRA 105, 110, 140, 200; MUS 101, 201, 205; HUM
307, 330, TEC 110

Behavioral Science Core (9 credit hours)

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

Education Core (27 credit hours)

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 credit hours)

ECE 390	Practicum I
ECE 391	Practicum II
ECE 392	Practicum III
ECE 450	Student Teaching
EDU 402	Methods for Teaching Language Arts/ Reading K-4*
EDU 403	Methods for Teaching Social Studies K-4*
EDU 404	Methods for Teaching Science K-4*
EDU 405	Methods for Teaching Elementary Mathematics K-4*

* 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 credit hours)**

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, 310; DRA 105, 110, 140, 200; MUS 101, 201, 205; HUM 307, 330, TEC 110

Behavioral Science Core (9 credit hours)

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

Education Core (27 credit hours)

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 credit hours)

EDU 393	Practicum I
EDU 394	Practicum II
EDU 395	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).

DIVISION OF GENERAL STUDIES

Degree Programs

Associate of Arts

General Studies

Bachelor of Science

General 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 credit hours)

BCS 205	Personal Computer Operations
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 OR
- SOC 101 Intro to Sociology

History or Government Elective

Natural Science Elective

Fine Arts Elective

Humanities Electives (9 credits):

- Choose 1 of each: Literature, Philosophy, Humanities

Electives (or core specialization) (18 credit hours)

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.

Curriculum

The program design consists of two parts: 19 "core" required courses and 21 elective courses. The elective courses may be selected to meet individual student goals.

General Studies Core (58-59 credit hours)

English Composition (12 credit hours)

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

Humanities (18 credit hours)

HUM 360 Human World Views & Expressions: Ideas
HUM 361 Human World Views: Applications

Humanities Electives (12 credit hours):

Select 4 courses from the following: Fine Arts, Foreign Language, Literature, Music, Philosophy, COM 245, COM 322, DRA, DSN 110, ENG 360, ENG 365, HIS 230, HUM (any)

Social Studies (15 credit hours)

ECO 105 Fundamentals of Economics
PSY 101 Introduction to Psychology
SOC 101 Introduction to Sociology
Government Elective
History Elective

Mathematics (3 credit hours)

MAT 205 History & Principles of Mathematics (or equivalent)

Natural Science (7-8 credits)

Select 2 natural science electives. At least one course must include a lab.

Computer Operations (3 credits)

BCS 205 Personal Computer

Elective Courses (or goal-directed track) (61-62 credits)

DIVISION OF NURSING

BACHELOR OF SCIENCE IN NURSING

Purpose

Registered nurses who have completed basic nursing education with either a nursing diploma or an associate degree have the opportunity to continue their education at Wilmington 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.

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. The BSN program first earned accreditation in 1988. The MSN program earned initial accreditation in 1996. Both programs conducted site visits in 2001.

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

The BSN and MSN programs held the initial accreditation site visit for the *Commission on Collegiate Nursing Education* in 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 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.



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
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*
Health-related 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	Fundamentals of 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	

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 three 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 and (e) a GPA of 3.50. Students are advised to see the academic advisor for nursing early in the program to plan for this option.

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. It is of special interest to 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.

BAC 102 **3 credits** **Accounting II**

This course is an introduction to financial statement analysis and managerial accounting. It provides a study of cash flow, financial ratios, elements of cost in business organizations, basic cost behavior patterns, contribution approach to decision analysis, cost-volume profit analysis, budgeting, and a basic understanding of taxes for individuals and corporations. Prerequisite: BAC 101

BAC 201 **3 credits** **Intermediate Accounting I**

This course provides an in-depth study of accounting concepts and principles presented in the introductory accounting courses. Students will examine in detail the preparation of the balance sheet, statements of income, retained earnings, and cash flows. The course includes a comprehensive analysis of financial transactions affecting the proper recording and reporting of assets. Prerequisite: BAC 102

BAC 202 **3 credits** **Intermediate Accounting II**

This course is an intensive review of the analysis, recording, and reporting of financial transactions affecting liability and equity accounts. Accounting for investments, pension plans, leases, income taxes, and accounting changes are covered, along with an in-depth review of basic financial statement analysis. Prerequisite: BAC 201

BAC 301 **3 credits** **Cost Accounting I**

This course serves as an introduction to the fundamentals of cost accounting, with emphasis on costing systems in the service, merchandising, and manufacturing sectors. The use of budgets and standards are studied as keys to planning and control, including flexible budgets and variance analysis. The use of cost information for various decision and control purposes is also studied. Prerequisite: BAC 202

BAC 302 **3 credits** **Cost Accounting II**

This course is a detailed study of the accountant's role in developing cost analyses for management decisions. The areas of cost allocation, joint products, costing systems, capital budgeting, cost management, inventory management, transfer pricing, and performance measurement are covered. Prerequisite: BAC 301

BAC 321 **3 credits** **Tax Accounting I**

This course analyzes the determination of taxable income of individuals and business entities for federal income tax purposes. Emphasis is on all of the aspects of accounting that are necessary to complete the returns in accordance with federal income tax law. Prerequisite: BAC 202

BAC 322 **3 credits** **Tax Accounting II**

A continuation of Tax Accounting I, this course examines present federal income tax law and develops an understanding of the accounting principles and procedures involved in preparing tax returns for partnerships, estates, trusts and corporations. Prerequisite: BAC 321

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

This course examines problems relating to business combinations, consolidated financial statements, debt restructuring, corporate reorganizations, and liquidations. Prerequisite: BAC 202

BAC 402 **3 credits** **Advanced Accounting II**

The special topics in accounting theory reviewed in this course are: foreign operations, interim and segment reporting, partnerships, governmental and not-for-profit fund accounting, and estates and trusts. Prerequisite: BAC 401

BAC 423 **3 credits** **Auditing**

This course is an introduction to generally accepted auditing standards, concepts of internal control, analysis and tracing of financial transactions, and opinions expressed on the fair presentation of financial statements by certified public accountants. Prerequisite: BAC 202

BAC 435 **3 credits**

Accounting Information Systems (AIS)

This course is a study of accounting information systems in a business environment. Emphasis is placed on information and document flow; internal control; data organization; and the analysis, design, development, and audit of computer-based accounting systems. Theory will be combined with experience using a commercial software package. Prerequisite: BCS 205, BAC 302, 322, and 423

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 102 **3 credits**

Exploration of Space

This introductory course explores the development of space programs, including current projects; the progress humans have made in space exploration; and the future applications of space travel and manufacturing. Topics include new technologies, people, requirements, equipment, and significant events in the space program.

BAM 201 **3 credits**

Basic Flight Theory

This course is a study of basic flight theory and operations designed to help the student prepare for the FAA private pilot written examination. It includes basic aerodynamics, aircraft systems, Federal Aviation Regulations (FAR's), navigation, safety, and meteorology.

BAM 202 **3 credits**

Private Pilot Certification

This course is primarily flight instruction in preparation for the award of the private pilot airplane certificate by the FAA. Flight instruction consists of dual and solo flight time necessary for completion of the FAA requirements for certification, including pre-flight inspections of the airplane, safe operation of an airplane, air traffic control procedures and communications, and safety considerations. Credit is awarded following a successful evaluation flight with an FAA-designated pilot examiner.

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. Prerequisite: BAM 201

BAM 304 **3 credits**

Transportation

This course is a detailed comparative analysis of different modes of transportation. The course is divided into six parts: (1) the role and importance of transportation in society; (2) a comparison of the various modes of transportation and how they serve the public; (3) the interface of transportation systems, choices in selection, and rate determinations; (4) the role of government in the transportation industry; (5) the managerial issues involved in transportation systems, particularly costs versus degree of service balanced against public policies and requirements; and (6) the future of transportation systems in society. Prerequisite: ECO 101 or ECO 105

BAM 305 **3 credits**

Air Cargo Management

This is a study of the basics of air cargo operations, including examination of such topics as scheduled and unscheduled airlines, airline cargo marketing, hazardous material handling, containerization, and deregulation. Additional topics covered include the interrelationship of transportation and economic principles and techniques used in analyzing distribution costs. Prerequisite: ECO 101 or ECO 105

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.

<p>BAM 307 3 credits</p> <p>Commercial Pilot Certification</p> <p>This course consists of ground and flight instruction to prepare for the Commercial Pilot Certificate by the FAA. Flight instruction includes precision maneuvers, extended cross country and night flight, and transition to more sophisticated aircraft. Ground instruction emphasizes advanced aerodynamics, aircraft performance, relevant FAR's, and introduction to airplane systems. Credit is awarded following a successful evaluation flight with an FAA designated pilot examiner. Prerequisites: BAM 201 and BAM 202</p>	<p>BAM 311 3 credits</p> <p>Fixed Base Operations Management</p> <p>This course is a comprehensive study of the functions and responsibilities of fixed base operators (FBO's), including the fixed based operator's role in the national aviation system. The functions of an FBO include managing, marketing, planning, and financing; flight and flight line operations, aircraft maintenance functions, safety and liability, and the physical facilities of a fixed based operation. The course also looks at the future of the industry. Prerequisites: BBM 201 and BAC 101</p>
<p>BAM 308 3 credits</p> <p>Instrument Flight Theory</p> <p>Students receive ground instruction to prepare for FAA instrument rating. They will learn the principles of instrument flight, including the operation, use, and limitations of flight instruments and navigation systems. Students will also learn the use of instrument flight charts and how the air traffic control system functions. In addition, they will become familiar with applicable FAR's. Prerequisites: BAM 201, BAM 202</p>	<p>BAM 317 3 credits</p> <p>Advanced Flight Theory</p> <p>This course in advanced flight theory and operations helps the student prepare for the FAA Commercial Pilot written examination. It covers airplanes and aerodynamics, aircraft performance, instrument and engine systems, airports, airspace, and air traffic control. Weight and balance, aviation weather, federal aviation regulations, navigation, and aeromedical factors are also included. Prerequisites: BAM 201, BAM 202, BAM 307, BAM 308, and BAM 309</p>
<p>BAM 309 3 credits</p> <p>Instrument Pilot Rating</p> <p>Students receive flight instruction to prepare for FAA instrument rating. Flight and simulator instruction includes precise control under actual or simulated instrument conditions, including instrument approaches to airfields. Credit is awarded following a successful evaluation flight with an FAA designated pilot examiner. Prerequisites: BAM 201, BAM 202, BAM 308, and SCI 303</p>	<p>BAM 330 3 credits</p> <p>Human Factors in Aviation</p> <p>This course studies human limitations and reliability, stress, medical standards, the effects of drug and alcohol use in aviation, and human physiology. Human behavior is discussed as it relates to aircrews' adaptation to the flight environment, and the role of the aviation industry in meeting aircrews' unique needs is also examined.</p>
<p>BAM 310 3 credits</p> <p>Aviation Law</p> <p>This course offers an in-depth analysis of legal concepts related to the aviation industry, including aircraft operations, airports, fixed based operators (FBO's), contracts, insurance and liability, regulatory statutes, and case law. The historical development of aviation law in the United States is included. Prerequisite: HIS 303</p>	<p>BAM 410 3 credits</p> <p>Government and Aviation</p> <p>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</p>
	<p>BAM 411 3 credits</p> <p>Airport Management</p> <p>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, BAM 306, and BMK 305</p>

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: BAC 101, BCS 205, BBM 201, and BMK 305

BAM 415 **3 credits**

Aviation Maintenance Management

This course explores the concerns confronting the various supervisory levels of aviation management. The course includes governmental regulation of the industry, safety, management challenges, and the role of the modern aviation maintenance organization in achieving the operational goals of companies operating aircraft. Prerequisites: BAC 101, BCS 205, BBM 201, and BAM 302

BAM 416 **3 credits**

Multi-Engine Rating

Students receive ground and flight instruction to prepare for the FAA Multi-Engine rating. Course content includes transition to multi-engine aircraft systems and operations, and emergency procedures.

BAM 417 **3 credits**

Certified Flight Instructor - Airplane

Students receive ground and flight instruction in preparation for a flight instructor certificate. Course includes flight instruction methodology, instructor responsibilities, and comprehensive coverage of the flight maneuvers necessary for instructing private and commercial pilots.

BAM 418 **3 credits**

Certified Flight Instructor - Instrument

Students receive the ground and flight instruction necessary to complete requirements for a flight instructor instrument rating. This course includes a presentation of the methodology used in teaching instrument flight.

BAM 460-1 **3 credits**

Topics in Aviation

This is an intensive study of selected contemporary topics related to aviation. Prerequisite: Advanced standing and permission of the instructor

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.

BBM 204 **3 credits**

Retail Management

This course introduces students to the complex and challenging business of retailing. Emphasis is placed upon the history and development of the retail industry. Other areas of examination include operational aspects, merchandising theories, consumer behavior, pricing, promotional gimmicks, and theories of profitability.

BBM 301 **3 credits**

Organizational Behavior

The dimensions of organizational behavior are examined with particular emphasis on formal organizations, individual and group processes. Tools and methods available to a manager for integrating individuals and groups in business are reviewed. Prerequisite: BBM 201

<p>BBM 302 Business and the Environment</p> <p>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.</p>	<p>3 credits</p>	<p>BBM 331 Business and Society</p> <p>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.</p>	<p>3 credits</p>
<p>BBM 310 Materials Management</p> <p>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.</p>	<p>3 credits</p>	<p>BBM 340 Public Administration</p> <p>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.</p>	<p>3 credits</p>
<p>BBM 315 Supervisory Management</p> <p>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</p>	<p>3 credits</p>	<p>BBM 350 Introduction to E-Commerce</p> <p>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.</p>	<p>3 credits</p>
<p>BBM 319 Business Ethics</p> <p>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</p>	<p>3 credits</p>	<p>BBM 351 Small Business Management</p> <p>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.</p>	<p>3 credits</p>
<p>BBM 320 Business Communication</p> <p>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, BBM 201</p>	<p>3 credits</p>	<p>BBM 355 Quality Management</p> <p>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</p>	<p>3 credits</p>

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 resources management, and operations management are discussed with respect to self-employment. Prerequisites: BBM 201, ECO 105

BBM 370 **3 credits**

International Business Management

This course presents an analysis of areas involved in managing business in an international environment. Areas of concentration include: political, legal, economic, cultural, and financial factors which influence doing business in a foreign country. Additional factors of human resource management and strategic planning will be addressed. To operate effectively, businesses must understand the differences between managing solely in a domestic environment compared to an international one. Prerequisite: BBM 201, ECO 101

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 402 **3 credits**

Business Policy and Decision Making

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. Prerequisites: BAC 102, BBM 319, BBM 320, BLA 302, BMK 305, ECO 102, FIN 305, MAT 302

BBM 411 **3 credits**

Operations Management

The course reviews the design, operation, control, and monitoring of the corporate production system. Topics include materials handling, purchasing, quality control, plant layout, equipment replacement, and maintenance. Prerequisite: BBM 201

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 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 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 IBM compatible personal computers. Students are introduced to some historical aspects of computerization as well as the current environment. Students use DOS, WordPerfect, Lotus 1-2-3, and Windows.

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 OS 8 with the Windows 98 PC operating systems and looks at file preparations, file management, storage, and retrieval on both. The course continues with comparisons of some business and design software, including word processing, spreadsheets and databases, design layout, and image manipulation.

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

Business Law II 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

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. Prerequisites: BMK 221, 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, FIN 305, MAT 301, 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. Prerequisite: BMK 305, BMK 311

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

<p>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</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 Digital Video Discs 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. Recommended prior courses: DSN 201 and DSN 210</p>
<p>COM 245 3 credits Writing for the Media (Script Writing I) 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>	<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 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. Recommended prior course: 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 306 3 credits Script writing II This course builds on theories and techniques introduced in <i>Writing for the Media</i>. 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. Recommended prior course: COM 245</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. Recommended prior course: 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. Recommended prior course: ENG 101</p>

<p>COM 345 3 credits 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. Prerequisite: TEC 101 Recommended prior course: TEC 102</p>	<p>COM 420 3 credits 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 Premier software, including importing files, assembling, applying transitions, and adding titles. Editing techniques and theory are also covered. Prerequisite: TEC 102</p>
<p>COM 346 3 credits Introduction to Interactive Authoring Students will explore interactive programming through the use of Macromedia Director Lingo software and Authorware 4. They will learn to integrate existing sound files, images, text, and QuickTime movies to produce an interactive program. Prerequisite: COM 318</p>	<p>COM 431 3 credits Media and Society This course examines the mass media and its influence on society. Students will compare how the press and the television and entertainment industries create images and perceptions for or against established social and political structures at home and overseas. The course will make students conversant with the economic, social, political, and cultural pressures which structure the way the media is produced and provide them with an understanding of the same theories against which it is measured.</p>
<p>COM 360 3 credits Human Computer Interface Design This course looks at the process of gaining instructional understanding by design, systematically analyzing the conditions of learning. Students draw on their previous learning in psychology and media theory to achieve these skills and interpret them in the design of the computer screen. Recommended prior courses: DSN 210 and DSN 220</p>	<p>COM 432 3 credits 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.</p>
<p>COM 401 3 credits 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. Recommended prior course: COM 331</p>	<p>COM 435 3 credits 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.</p>
<p>COM 410 3 credits 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</p>	<p>COM 446 3 credits Advanced Interactive Authoring This course will build on <i>Introduction to Interactive Authoring</i>. 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 Macromedia Director Lingo software. Emphasis will be placed on good professional design and originality. Prerequisite: COM 346</p>
<p>COM 411 3 credits TV Studio Production 2 This course is a continuation of <i>TV Studio Production 1</i>. Students will be given the opportunity to further enhance their skills through the creation, development, and execution of hands-on productions. Recommended prior course: COM 410</p>	

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.

Recommended prior course: 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.

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.

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****Introduction to Criminal Justice**

This course is a survey of agencies and processes involved in the administration of criminal justice. The survey reviews the functions of the legislature, police, prosecutor, courts, and the correctional system. Problems of law enforcement in a democratic society are discussed. This course ties together all components of criminal justice and includes issues of both the juvenile and adult offender.

CRJ 205**3 credits****Principles of Criminology**

This course is an introductory course in the study of crime and criminal behavior that examines various theories of crime causation, profiles of criminal behavior systems, societal reaction to crime, and structures of criminological methods of inquiry. Prerequisites: PSY 101, SOC 101 and CRJ 101

CRJ 206**3 credits****Introduction to Correctional Systems**

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. Prerequisite: PSY 101 or SOC 101

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. Prerequisite: CRJ 101

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. Prerequisite: PSY 101 or SOC 101

<p>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, PSY 101 and SOC 101.</p>	<p>CRJ 316 3 credits Criminal Law and Procedures 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.</p>
<p>CRJ/GOV 304 3 credits Constitutional Law and Procedures 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.</p>	<p>CRJ 318 3 credits Criminal Investigation This course addresses the basic aspects of criminal investigation. It presents an overview of crimes and their elements and identifies the major goals of investigation. Various investigative techniques are discussed and the criminal investigator's relationship with individuals and other agencies is examined. Prerequisites: CRJ 101, CRJ 205, PSY 101, and SOC 101</p>
<p>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.</p>	<p>CRJ 333 3 credits Organizational and Corporate Crime This course provides an in-depth examination of organizational and/or corporate crime. Various topics are explored and contemporary cases representative of each topic are comprehensively studied. The class discusses the theoretical development of these concepts, as well as the laws and investigative techniques that have been developed to specifically address this type of criminal activity. Prerequisite: SOC 101</p>
<p>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.</p>	<p>CRJ 335 3 credits Advanced Perspectives in Criminal Justice This course presents a comprehensive overview of contemporary issues, procedures, and problems associated with the practicalities of law enforcement, the judiciary, corrections, and the juvenile justice system. The course also provides an in-depth examination of current and vital issues in criminal justice research, policy, process, substance, and procedure, as well as the political and ethical obligations and concerns associated with each component of the criminal justice system.</p>
<p>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.</p>	<p>CRJ 390-4 3 credits Independent Study in Criminal Justice Through independent study, the student is offered the opportunity to pursue individual special interests under faculty supervision. This course is graded pass/fail. Prerequisites: CRJ 101, PSY 101 and SOC 101, and GPA of 2.5</p>

<p>CRJ 400 Notable Criminal Cases This course examines selected accounts of criminality and criminal behavior based on notoriety and continued dispute. Students will analyze a wide spectrum of criminal conduct and the related investigative and judicial responses.</p>	<p>3 credits</p>	<p>CRJ 490-4 Internship In Criminal Justice CRJ 490-494 consists of supervised field placement in an agency related to criminal justice such as family court, a law enforcement agency, or a correctional facility. The course is graded satisfactory/unsatisfactory. Prerequisites: CRJ 101, PSY 101, SOC 101, junior status and GPA of 2.5</p>	<p>3 credits</p>
<p>CRJ 409 Introduction to 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.</p>	<p>3 credits</p>	<p>DRAMA</p>	
<p>CRJ 450 Seminar in Criminal Justice This is the capstone course for the Criminal Justice program. Students demonstrate research abilities, develop an in- depth understanding of the criminal justice system, and become acquainted with the range and scope of professional career options and settings within the system. Prerequisites: All CRJ core courses and senior status</p>	<p>3 credits</p>	<p>DRA 105 Introduction to the Theater This all-encompassing course will introduce students to the various aspects of theater production. Topics include acting, directing, producing, and writing.</p>	<p>3 credits</p>
<p>CRJ 460-475 Topics In Criminal Justice CRJ 460-475 is an intensive study of selected contemporary topics related to criminal justice. Emphasis is placed on research in areas selected by the student for in-depth investigation with special attention to specified fields of law enforcement, judicial, and corrections systems. Prerequisites: CRJ 101, PSY 101, and SOC 101, and junior status</p>	<p>3 credits</p>	<p>DRA 110 Acting I This introductory course will examine the purpose and underlying principles of acting, including the role of voice and body training in the projection of accurate characterization in dramatic productions.</p>	<p>3 credits</p>
<p>CRJ 466 Topical Issues: The Psychology of Criminal Conduct This course examines variations in the delinquent and criminal behavior of individuals. Empirical and theoretical understanding of the criminal is also explored. Prerequisites: PSY 101, CRJ 205, or permission from instructor</p>	<p>3 credits</p>	<p>DRA 111 This course is a continuation of <i>Acting I</i>. It will further explore voice and body training, presentation techniques, and also introduce students to improvisational methods used to enhance acting skills. Recommended prior course: DRA 110</p>	<p>3 credits</p>
<p>CRJ 467 Topical Issues: Case Studies in Criminal Justice This course examines historical and contemporary cases in criminal justice. Biological and sociological accounts of criminality will be the main focus of the course.</p>	<p>3 credits</p>	<p>DRA 120 Introduction to Directing This course presents students with an overview of the directing process and different styles of directing, giving them varied experience in both directing and training actors.</p>	<p>3 credits</p>
		<p>DRA 140 Origins and Early Forms of Theater This course will survey the development of the theater from its beginning to the present day. Dramatic trends through the years will also be examined.</p>	<p>3 credits</p>
		<p>DRA 200 Playwriting 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>3 credits</p>

DRA 220 **3 credits**
Performance
This is the capstone course in the drama minor. Students will apply skills learned in previous courses in a theatrical production.

DRA 230 **3 credits**
Introduction to Scene Design
This introductory course covers the theory and practice of theatrical design. Students will learn to analyze scripts to identify scenery needs and how to effectively sketch designs that will translate into actual sets.

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. The purpose of this course is to enhance visual, perceptual, and intellectual skills, enabling the student to better analyze, appreciate, and understand the visual media. At the end of the course, students should have attained knowledge and understanding of the following central concepts: (a) the historical evolution of visual forms of communication, (b) the role and functions inherent in the creation of print, electronic, and moving image media, and (c) the influence and impact of visual images, such as logos, ads, and design/visual elements of film, television, and the Internet.

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. The notion of “harmonious proportions” or “Golden Section” (“FY” in Greek) will be discussed within the context of the frame.
Recommended prior course: ART 210

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.
Recommended prior course: DSN 210

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. The basic skills of cell animation will be explored through the mechanics of pencil roughs, cell composition, ink, and paint. 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.
Recommended prior courses: DSN 110, DSN 210, and DSN 230

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.
Recommended prior courses: BCS 210, DSN 120

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.
Recommended prior course: BCS 210

DSN 230 **3 credits**
Graphic Design Applications
The visualization of graphic design problems is explored using research techniques and hands-on experience in projects relating to real world situations. Several application programs are reviewed. The course concentrates on advertising, sales promotion, marketing, and Graphic Design Applicators.
Recommended prior course: BCS 210

DSN 310 **3 credits**
3D and Computer Animation
This course is an extension of DSN 201, capitalizing on the concepts developed in “Fundamentals of Animation.” It introduces students to the basics of 3D computer animation and develops their 2D animation techniques. Students learn rendering for backgrounds, moods, action, and lighting direction. Each student will produce a short digital animation.
Recommended prior course: DSN 201

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.
Recommended prior courses: DSN 210 and TEC 120

DSN 325 **3 credits**
Multimedia Web Page Development
This course covers the fundamental concepts for creating a program in Flash 5.0. Students will be expected to learn the differences in creating graphics by using shapes versus vector formats and then converting these formats to symbols, using these elements to further explore a 2-dimensional environment. When the basic skills are acquired, students will use these elements to create their own multimedia project, whether it is for CD or the Web. Prerequisites: COM 318 and 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 405 **3 credits**
Photographic Studio Lighting
This course is designed to explore the use of photography in the design processes. 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 110

DSN 410 **3 credits**
Advanced Digital Image Manipulation
This course extends the use of image-manipulating software such as Photoshop and Freehand 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; Recommended prior course 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, including the introduction of Java scripting. The course includes a large component of hands-on computer work.
Recommended prior course: DSN 320

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

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

ECE 205 **3 credits**
Parent, Family, and Community Interactions
This course examines the development of the family and emerging family issues, with an emphasis on the teacher's role in parent conferences and home-school communications. Family types and their impact on children in educational settings are emphasized, as well as parenting issues, parent education, and parental involvement in the educational process. Community resources to support the family and the child in the schooling process are explored.

ECE 206 **3 credits**
Family Development and Service Systems
The structure and development of the family and its relationship to educational programs and other service delivery systems are studied. The clinical component of the course is student attendance at community-based family services. The purpose of the clinical component is to relate service systems to educational programs for children as students explore possibilities for seamless service delivery to children and their families.

ECE 211 **3 credits**
Language Arts In Early Childhood Programs
Methods and materials to promote effective language skills of listening, speaking, and vocabulary development are emphasized. Activities for pre-writing and pre-reading are included. Criteria for appropriate selection of children's books is presented. Students learn techniques for reading and telling stories. Prerequisite: PSY 201

ECE 214 **3 credits**
Classroom Management
Students learn concepts and strategies for preventing discipline problems as well as models of discipline for use if such problems occur in the early childhood/elementary classroom. Preventive strategies include organizing the classroom effectively, maintaining on-task behavior, positive interactions, developing and teaching rules and behavioral expectations, and ignoring attention-getting behavior. Discipline models reviewed by students include student-centered approaches including the Supportive Model and Transactional Analysis and such teacher-directed approaches as Assertive Discipline and Behavior Modification. Prerequisite: PSY 201

ECE 216 **6 credits variable**
Internship in Early Childhood Education
ECE 216 (for AS Early Childhood Education majors) is a supervised field experience/internship of 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 clinical advisors. 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 1 for the spring semester and by March 1 for the fall semester); health certificate; TB clearance. ECE 216 is graded Satisfactory/Unsatisfactory.

ECE 390**1 credit****Practicum I**

ECE 390 Practicum I (for Early Care and Education/Primary Level Education majors) 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 journal is required. Content modules are part of the Practicum seminars.

ECE 390 Practicum I introduces the beginning teacher preparation student (Early Care/Primary Level Education majors) to essential content and pedagogical knowledge related to the components of professional practice and to Delaware's Professional Teaching Standards. 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: approved application from the Office of Clinical Studies and TB clearance. Applications are due 60 days before the Practicum begins.

ECE 391**1 credit****Practicum II**

ECE 391 Practicum II (Early Care and Education/Primary Level Education majors) 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 journal is required. Content modules are part of the Practicum seminars.

ECE 391 Practicum II helps the Early Care and Education/Primary Level Education major 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. Prerequisites: ECE 390; approved application from the Office of Clinical Studies; and TB clearance. Applications are due 60 days before the Practicum begins.

ECE 392**1 credit****Practicum III**

ECE 392 Practicum III (for Early Care and Education/Primary Level Education majors) 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 journal is required. Content modules are part of the Practicum seminars. ECE 392 Practicum III emphasizes synthesis and evaluation but narrows the focus to the area of reading. Practicum III teaches the Early Care/Primary Level Education major how to administer a diagnostic reading inventory, and then enables the student 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: ECE 391; RDG 300 for 0-K majors and RDG 301 for K-4 majors; approved application from the Office of Clinical Studies; and TB clearance. Applications are due 60 days before the Practicum begins.

ECE 450 **15 credits variable**

Student Teaching

ECE 450 Student Teaching (for Early Care and Education/ Primary Level Education majors) is a supervised field experience of at least 60 full teaching days. Student teachers are placed with individual mentor teachers or with teams of supervising teachers in approved clinical settings appropriate to areas of program concentration (Early Care/Birth-K or Primary Level Education/K-4). Student teachers are monitored and supported by Wilmington College clinical advisors. Placement priority is given to settings that serve culturally, linguistically, and socio-economically diverse student populations. Student teachers are required to attend 80 clock hours of regularly scheduled seminars during the clinical semester and must prepare and present a professional portfolio. Seminars include formal content modules in the areas of educational assessment and educational psychology. Additional seminar hours with clinical advisors also address professional issues related to the clinical semester. ECE 450 is graded Satisfactory/Unsatisfactory. Prerequisites: approved application from the Office of Clinical Studies (applications must be received by October 1 for the spring semester and by March 1 for the fall semester); health certificate; TB clearance; GPA of 2.50; completion of all prerequisite courses (for 0-K majors: ECE 214, ECE 203, ECE 204, ECE 392; for K-4 majors: ECE 214, ECE 392, EDU 402, EDU 403, EDU 404, EDU 405); PRAXIS I and/or PRAXIS II scores that meet certification requirements in the placement setting.

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.

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 102

ECO 105 **3 credits**

Fundamentals of Economics

This course emphasizes both macro- and microeconomics for the non-business student. Basic economic concepts, tools and terms economists use, and methods of economic analysis are covered. A student's understanding of the American business system is developed. Prerequisite: MAT 102

ECO 203 **3 credits**

Economic Theory

Relevant theories of income, output and price level, wealth determination, growth, and international economics are discussed in detail. Current social balance issues and conflicts between the private and public sectors are emphasized.

ECO 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

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**

Students learn the fundamentals of successful classroom teaching with an emphasis upon diverse techniques as found in the Effective Teaching for Higher Achievement Program and the Teacher Expectation Student Achievement (TESA) Interaction Model. Classroom management in the elementary and middle level school programs is a major component of the course. Other areas include higher order thinking skills, teaching and learning styles, multiple intelligences, cooperative learning and the Delaware Performance Appraisal System.

EDU 393**1 credit****Practicum I**

EDU 393 Practicum I (for Middle Level Education majors) 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 journal is required. Content modules are part of the Practicum seminars. EDU 393 Practicum I introduces the beginning teacher preparation student (majoring in Middle Level Education) to essential content and pedagogical knowledge related to the components of professional practice and to Delaware's Professional Teaching Standards. 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: approved application from the Office of Clinical Studies and TB clearance. Applications are due 60 days before the Practicum begins.

EDU 394**1 credit****Practicum II**

EDU 394 Practicum II (for Middle Level Education majors) 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 journal is required. Content modules are part of the Practicum seminars.

EDU 394 Practicum II helps the student majoring in Middle Level Education 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. Prerequisites: EDU 393; approved application from the Office of Clinical Studies; and TB clearance. Applications are due 60 days before the Practicum begins.

EDU 395**1 credit****Practicum III**

EDU 395 Practicum III (for Middle Level Education majors) 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 journal is required. Content modules are part of the Practicum seminars.

EDU 395 Practicum III emphasizes synthesis and evaluation but narrows the focus to the area of reading. Practicum III teaches students majoring in Middle Level Education 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 394; RDG 301; approved application from the Office of Clinical Studies; and TB clearance. Applications are due 60 days before the Practicum begins.

<p>EDU 401 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</p>	<p>3 credits</p>	<p>EDU 405 Methods for Teaching Elementary Mathematics K-4 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</p>	<p>3 credits</p>
<p>EDU 402 Methods for Teaching Elementary Language Arts/Reading K-4 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</p>	<p>3 credits</p>	<p>EDU 407 Methods of Teaching Middle Level Language Arts/Reading This course includes content, methods, and demonstration of proficiency in the literacy areas of reading, written composition, listening, oral communication, grammar and usage, and spelling. Students are expected to develop materials, lesson plans, units, and methods for teaching language arts/reading in grades 5-8. 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</p>	<p>3 credits</p>
<p>EDU 403 Methods for Teaching Elementary Social Studies K-4 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. Prerequisites: HIS 204, HIS 300, and HIS 314; passing score on all sections of PRAXIS I: PPST</p>	<p>3 credits</p>	<p>EDU 408 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 in grades five through eight. Emphasis is placed on an integrated unit approach with other content areas. A six-hour clinical experience in schools is required. Prerequisites: HIS 204, HIS 300, and HIS 314; passing score on all sections of PRAXIS I: PPST</p>	<p>3 credits</p>
<p>EDU 404 Methods for Teaching Elementary Science K-4 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</p>	<p>3 credits</p>	<p>EDU 409 Methods of Teaching Middle Level Science 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</p>	<p>3 credits</p>

EDU 410**3 credits****Methods of Teaching Middle Level Math**

Students are exposed to mathematics learning strategies of grade 5-8 students 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

EDU 451**15 credits variable****Student Teaching**

ECE 451 Student Teaching (for Middle Level Education majors) is a supervised field experience of at least 60 full teaching days. Student teachers are placed with individual mentor teachers or with teams of supervising teachers in approved clinical settings and content areas appropriate to the area of program concentration (Middle Level Education/5-8). Placements in grades 7-8 mathematics and science are excluded. Student teachers are monitored and supported by Wilmington College clinical advisors. Placement priority is given to settings that serve culturally, linguistically, and socio-economically diverse student populations. Student teachers are required to attend 80 clock hours of regularly scheduled seminars during the clinical semester and must prepare and present a professional portfolio. Seminars include formal content modules in the areas of educational assessment and educational psychology. Additional seminar hours with clinical advisors address professional issues related to the clinical semester. EDU 451 is graded Satisfactory/Unsatisfactory. Prerequisites: Approved application from the Office of Clinical Studies; Application must be received by October 1 for spring student teaching and by March 1 for fall student teaching; GPA of 2.5; EDU 407, EDU 408, EDU 409, EDU 410

EDU 460-2**3 credits****Topics in Education**

This course is an intensive study of contemporary topics and issues in education. Prerequisite: Approval of Division Chair.

ENGLISH**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 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.

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 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.

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.

**EDUCATIONAL PSYCHOLOGY
(EDUCATION)**

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 202

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 101

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 202, FIN 306

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 306

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 306

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 306

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**

Public Policy and Social Issues

This course studies how American societal problems become public policy issues, how those issues become part of the public agenda, and how public problems re-shape or re-organize governmental institutions, structures, programs, and budgets. It includes both the process and the principles—public and private.

HISTORY

HIS 201 **3 credits**

United States History I

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

HIS 202 **3 credits**

United States History II

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

HIS 204 **3 credits**

World History

This course is a study of the major cultural, economic, military, political, religious, and social events in western history from antiquity to the Scientific Revolution. Particular attention is given to the Western societies' contacts with the peoples of Africa, the Americas, and Asia.

HIS 230 **3 credits**

History of Art and Design

This course studies artistic trends and how developing technologies have influenced creative work through 19th and 20th century Europe and America. The course focuses on the relationship between design and art and also on the artist's role and influence on western culture and society.

HIS 300 **3 credits**

Geography and Man

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.

HIS 301 **3 credits**

Women in History

This course explores the role of women through the recorded history of the western world by focusing on specific individuals, as well as cultural trends. In the process of exploring women's roles and contributions, students will gain a perspective on history, sociology, religion, and the arts.

HIS 303 **3 credits**

History of Aviation

This course reviews the history of aviation and aerospace from the pioneer balloonists to the 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 305 **3 credits**

Colonial and Revolutionary America

This course is a study of the economic, political, and social forces in Colonial America in the seventeenth and eighteenth centuries. The background, causes, and results of the American Revolution; the adoption of the Constitution; and the founding of republican government are studied. Emphasis is on the Revolutionary period.

HIS 310 **3 credits**

Twentieth Century America

This course examines the major economic, political, and social developments in the United States from 1900 to 1945, with emphasis on the 1914 - 1945 period.

HIS 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 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 323 **3 credits**

Twentieth Century Europe

This is a survey of the major cultural, economic, political, and social developments in Europe during this century.

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 RESOURCES 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.

HRM 305 **3 credits**

Recruiting and Staffing

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.

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.

HRM 311 **3 credits**

Human Resources 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.

<p>HRM 312 3 credits Computer Applications in Human Resources Management This course examines the use of computer software applications in human resources management through interactive computer lab utilization. Students review basic computer theory and then apply that theory to produce human resources documents and projects. Prerequisite: BCS 205 and HRM 311</p>	<p>HRM 420 3 credits Organizational Communication This course examines the communication process as it relates to the successful internal and external communication of information within the organization. Particular emphasis will center on successful communication within a diverse workplace. Prerequisite: HRM 311</p>
<p>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.</p>	<p>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.</p>
<p>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.</p>	<p>HRM 490-3 3 credits Internship in Human Resources 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 resources management. Course is graded pass/fail.</p>
<p>HRM 400 3 credits Legal Aspects of Human Resources Management This course develops a comprehensive understanding of the legislative and administrative laws and judicial rulings affecting the human resources professional. Prerequisite: HRM 311</p>	<p>HUMANITIES</p>
<p>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</p>	<p>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.</p>
<p>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</p>	<p>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.</p>
	<p>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.</p>

<p>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.</p>	<p>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.</p>
<p>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.</p>	<p>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.</p>
<p>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.</p>	<p>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.</p>
<p>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, director, actor, and backstage worker. Also included are a brief history and discussion of the changing theater from 1930 to the present.</p>	<p>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.</p>
<p>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.</p>	<p>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.</p>

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 210 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 210 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. Prerequisite: IRM 100

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: IRM 110

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 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

IRM460 **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

**INFORMATION RESOURCE
MANAGEMENT
(TECHNICAL TRACK)**

SSD 190 **3 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 CTE 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: none

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: SSD 190

SSD 290 **3 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

SSD 390**3 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, 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 390

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 391

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, 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

LITERATURE**LIT 201****3 credits****Introduction to Literature**

This course introduces students to the historic forms of literature that include short story, drama, poetry, and the novel. Students will read, critically analyze, and evaluate selected works from each literary genre. They will prepare short reports and papers about the characteristics of these selected works.

LIT 332 **3 credits**
Major American Writers
This course will survey American literature from the Colonial period to the present. Emphasis will be placed on writers that have significantly influenced the national literature.

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 Connan Doyle, G. K. Chesterton, Agatha Christie, Dashiell Hammet, and Raymond Chandler. Students will also view selected films and write reviews emphasizing the elements of mystery and their roots in literature.

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 which 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 100 **0 credits**
Basic Mathematics
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: MAT 110 or math skills review

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

<p>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>	<p>MAT 205 3 credits History and Principles of Mathematics This course provides an introduction to a broad range of areas in mathematics including set theory, properties of real numbers, algebra, probability, statistics, and consumer math. Topics in algebra include solving linear and quadratic equations, graphing linear and quadratic equations, inequalities, and solving systems of two linear equations in two unknowns. 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: MAT 110 or math skills review</p>
<p>MAT 200 3 credits Pre-Calculus 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: MAT 110 or math skills review</p>	<p>MAT 301 3 credits Principles of Statistics I This course introduces methods of summarizing data in the form of tables and graphs, measures of central tendency and dispersion, and elementary probability. The use of various probability distributions, sampling and sampling distributions, and statistical estimation are covered. Business applications are emphasized. Prerequisite: MAT 102 or MAT 205</p>
<p>MAT 201 3 credits Mathematics for Teachers I This course is designed for pre-service teachers and provides an understanding of topics in mathematics which the student will be expected to teach. Course content includes set theory, numeration systems, real numbers and their properties, problem solving techniques, and topics in algebra. Applications and problem solving will be stressed. Prerequisite: MAT 110 or math skills review</p>	<p>MAT 302 3 credits Principles of Statistics II This course builds on the foundation laid in MAT 301. It introduces the student to testing hypotheses using the normal and student's "t" distributions, the chi-square test, analysis of variance, simple regression and correlation, multiple regression and modeling, and various non-parametric methods. Business applications are emphasized. Prerequisite: MAT 301</p>
<p>MAT 202 3 credits Mathematics for Teachers II This course is designed for pre-service teachers and is a continuation of MAT 201. Course content includes probability, statistics, geometry, and concepts of measurement. Applications and problem solving will be stressed. Prerequisite: MAT 201</p>	<p>MAT 304 3 credits Mathematics for Teachers III This course is designed for pre-service teachers and is a continuation of MAT 201 and MAT 202. It covers selected topics in algebra (rational numbers and expressions, graphs of linear and quadratic equations, systems of linear equations, polynomials, radicals, and quadratic equations), mathematics of finance, and an introduction to trigonometry and calculus. Other areas will be introduced as time permits. Prerequisite: MAT 202</p>
	<p>MAT 306 3 credits Quantitative Tools in Business and Management This course examines the various quantitative methods used to enhance decision making. Topics covered include regression analysis, linear programming, statistical estimation, hypothesis testing, and forecasting with emphasis on applications to business and management problems. Prerequisite: MAT 301</p>

MAT 308**3 credits****Fundamentals of Statistics**

This course introduces the student to the scientific method of collecting, organizing, and interpreting quantitative data in the behavioral, social, and medical sciences. Students are introduced to ways of making wise choices in the face of uncertainty and ways to recognize developing situations that may require corrective action. Topics include 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.

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

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 201****3 credits****First Aid, Prevention, & Care of Athletic Injuries**

This course deals with safety concepts as they relate to responsibility in the schools and the community. Students receive training in first aid and athletic injuries. Emphasis is placed on accident prevention, first aid and emergency care, and transportation of the sick and injured. Fulfills nursing elective.

NUR 202**3 credits****Theories and Practices of Conditioning & Training**

This course provides a foundation in human growth and development with special emphasis on the practical application for training and conditioning. Emphasis is also placed on psychomotor, cognitive, and affective factors in human development.

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.

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

<p>NUR 325 3 credits</p> <p>Research Dimensions</p> <p>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</p>	<p>NUR 421 3 credits</p> <p>Personal Wellness</p> <p>Students in this course explore the concept of holistic health. Topics include nutrition, exercise, disease prevention, substance abuse, personal safety, mental health, stress reduction, and routine health appraisals. Each student completes a self-appraisal of his/her own health state, develops goals for self-improvement, and works on a personal wellness plan.</p>
<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 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>NUR 460-79 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 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>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 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>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>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>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 **3 credits**
Ethics and Values in Behavioral Science
This course is an introduction to ethics and values with emphasis on contemporary society and professional issues. Prerequisites: PSY 101, SOC 101

PHI 305 **3 credits**
Symbolic Logic
This course is a study of the principles of valid inference and their application to reasoning in everyday life in the sciences. Topics considered are syllogism and other types of formal reasoning, the nature of proof, the detection of fallacies, and an introduction to the logic of scientific methods. Contemporary developments in symbolic logic are examined as well.

PHI 321 **3 credits**
Peace: An Alternative
This course introduces students to writers who advocate non-violence as a viable technique for resolving conflict among individuals and nations. It also introduces students to eight methods of conflict resolution and five commonly used, but unsuccessful, techniques for resolving conflict.

PSYCHOLOGY

PSY 101 **3 credits**
Introduction to Psychology
This course offers an overview of the principles of human behavior. Developmental theories, psychophysiology, thinking, learning, personality theories, abnormal, and deviant psychology are introduced. Methods of assessment and research principles are discussed.

PSY 201 **3 credits**
Child Growth and Development
This course provides a comprehensive study of human development from the prenatal period through adolescence. Areas that are studied include physical, social-emotional, and intellectual development. Major developmental theorists are reviewed. The interrelationship of heredity and environmental factors that influence change are also considered. Prerequisite/Co-requisite: PSY 101 (except for K-4 and 5-8 education programs)

PSY 204 **3 credits**
Life Span Development
This course is a survey of maturational and learned behaviors as they develop through all life phases. Human behavioral development is traced from prenatal stages through infancy, childhood, adolescence, adulthood, and later life. Physical, cognitive, and social development are considered, along with the development of language and personality. Prerequisite: PSY 101

PSY 215 **3 credits**
The Family: Effect on Development
The effects of family and home environment on the development of children are examined. Current trends in the family, the impact of society on the family and the child, as well as the influence of values on family interactions are explored. Prerequisite: PSY 201 or PSY 204

PSY 291 **3 credits**
Problem Solving
This course is an introduction to human information processing: how we think, reason, and solve problems. Students explore the way in which problems can be transformed into opportunities. Topical issues include models of thinking, simulation, and creativity. Prerequisite: PSY 101

PSY 300 **3 credits**
Theories of Personality
The concept of personality is explored via the developmental theories of several social scientists. The impact of personality upon such processes as intelligence, anxiety, health, aggression, altruism, and moral behavior is studied. Prerequisites: PSY 101 and PSY 204

PSY 301 **3 credits**
Social Psychology
This course is a study of the impact of social institutions on the behavior of the individual, as well as the impact of the individual on the group. Topics include attitudes, beliefs, public opinion, propaganda, leadership, prejudice, and international tension. Prerequisites: PSY 101 and SOC 101

PSY 302 **3 credits**
Organizational and Industrial Psychology
This course is the analysis of psychological issues in industry. Topics include motivational theories, supervisory and management skills, personnel selection, the use of statistics and testing, group decision-making processes, leadership skills, and the general impact of organizational structure on employee performance and productivity. Prerequisite: PSY 101

<p>PSY 303 History of Psychology This course surveys the history of psychology through psychological research endeavors that have had remarkable and lasting effects on the various disciplines that comprise the science known as psychology. Prerequisite: PSY 101</p>	<p>3 credits</p>	<p>PSY 315 Group Dynamics This course focuses on the social and psychological implications and processes of groups, group participation, and organization. Included are class exercises which foster students' understanding of group development, styles of facilitation, and interdependency. Prerequisite: PSY 101</p>	<p>3 credits</p>
<p>PSY 305 Abnormal Psychology This course is a study of the causes, characteristics and management of abnormal behavior. The course is divided into three general areas: major theoretical perspectives of abnormal behavior; major disorders following the categories of the Diagnostic and Statistical Manual of the American Psychiatric Association (DSM-IV-R); and causes, treatment and impact of abnormal behavior. Prerequisites: PSY 101, and one of the following: PSY 201, 204, 331, or 332</p>	<p>3 credits</p>	<p>PSY 316 Stress Management This course provides the student with an understanding of the causes and symptoms of stress and burnout. The emphasis is on prevention strategies and the development of individual coping skills, including proper exercise, nutrition, breathing techniques, biofeedback, time management, and progressive relaxation. Prerequisites: PSY 101</p>	<p>3 credits</p>
<p>PSY 306 Behavior Modification This course surveys and examines the theory and technique of operant and classical conditioning in behavior modification. The main emphasis is on understanding the basic principles of behavior modification. Prerequisites: PSY 101, PSY 204, and PSY 300</p>	<p>3 credits</p>	<p>PSY 319 Family Systems 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>	<p>3 credits</p>
<p>PSY 309 Interpersonal Communication Skills This course explores communication patterns and styles between people. Focus is on developing effective communication skills and understanding those factors which influence the implementation of these skills. Prerequisite: PSY 101</p>	<p>3 credits</p>	<p>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</p>	<p>3 credits</p>
<p>PSY 310 Community Psychology This course studies the community as a system which affects the development of the individual. It provides a study of community organizations as they impact the individual and includes a search for approaches to creating and re-creating the community through grass-roots efforts. Prerequisite: PSY 101</p>	<p>3 credits</p>	<p>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</p>	<p>3 credits</p>
<p>PSY 314 Psychology of Human Potential This course is a study of the techniques and theoretical approaches common to the human potential movement. The course examines the basics of humanistic psychology and its origins in eastern philosophy. Special attention is given to the reconciliation of rational and non-rational modes of thought in human psychology. Prerequisites: PSY 101, PSY 204, and PSY 300</p>	<p>3 credits</p>	<p>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</p>	<p>3 credits</p>

<p>PSY 333 3 credits Psychology of the Exceptional Child This course provides information and strategies for individuals working with exceptional children. Emphasis is on identification, assessment, and intervention appropriate to various types of exceptionalities, as well as the impact of these exceptionalities on the social-emotional development of the child. Prerequisites: PSY 201 or PSY 204</p>	<p>PSY 354 3 credits 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.</p>
<p>PSY 334 3 credits The Biological Basis of Behavior This course focuses on the biological systems that impact human behavior. Special attention is given to the parts of the brain, hormones, and neurochemistry of behavior, as well as drugs that affect behavior. Additional topics include illness; abnormality or defects that affect behavior; applications of knowledge to understanding of common behaviors; and implications of this information for treatment, prevention, remediation, and common research methodologies. Evolutionary considerations are also an important focus of this course. Prerequisites: PSY 101, SCI 335</p>	<p>PSY 363 3 credits Psychology of Language This course is a study in language behavior. Normative, cognitive, emotional, and relational aspects of language behavior are examined. Emphasis is placed on aspects of language learning, production, and comprehension. Individual, social, and gender-based differences are explored, as well as surface and deep structures of language and the psychological aspects of miscommunication. Prerequisites: PSY 101, PSY 204, PSY 300, ENG 102, and ENG 111</p>
<p>PSY 351 3 credits Learning and Cognition This course is the study of the thinking process from sensory perception through attention, memory, learning, and the higher order skills of problem solving. In addition to basic research in the field of neuropsychology, the course includes theories of language acquisition and information processing. Prerequisites: PSY 101, PSY 204, and PSY 300</p>	<p>PSY 364 3 credits Disability Issues This course is a comprehensive overview of the barriers faced by people with physical and mental disabilities. The focus is on sensitivity training, awareness of community resources, and recent civil rights legislation as means of surmounting stereotypical attitudes. Prerequisites: PSY 101</p>
<p>PSY 352 3 credits Human Sexuality This course provides a basic knowledge of both the anatomy and the physiology of the human sexual response in the male and female. Attitudes with regard to controversial issues such as homosexuality, sterilization, and abortion are also considered. Prerequisites: PSY 101, PSY 204, PSY 300, and junior status</p>	<p>PSY 390-4 3 credits Independent Study in Behavioral Science Through independent study, the student is offered the opportunity to pursue individual special interests under supervision. This course is graded pass/fail. Prerequisites: PSY 101, PSY 204, PSY 300 , and GPA of 2.5</p>
<p>PSY 353 3 credits Sports Psychology This course provides knowledge about psychological factors that affect behavior in sports, such as anxiety, motivation, concentration, and confidence. Students also study the psychological effect that participation in a sport or physical activity has on a performer. Prerequisite: PSY 101</p>	<p>PSY 401 3 credits Adult Development and Aging Biological, sociological, psychological, and medical attributes of the facts and myths regarding adulthood and aging are examined in this course. Historical and cultural perspectives are applied to understanding attitudes regarding adulthood and aging. Prerequisites: PSY 101, PSY 204, and PSY 300</p>
<p>PSY 353 3 credits Sports Psychology This course provides knowledge about psychological factors that affect behavior in sports, such as anxiety, motivation, concentration, and confidence. Students also study the psychological effect that participation in a sport or physical activity has on a performer. Prerequisite: PSY 101</p>	<p>PSY 403 3 credits Counseling Process: Techniques and Applications This course is an introduction to current theory about psychological counseling. Theories covered include cognitive approaches, behavior modification, psychoanalytic approaches, existential therapy, and others. Prerequisites: PSY 101, PSY 204, and PSY 300</p>

PSY 406 **3 credits**

Tests and Measurements

This course is a study of the construction and evaluation of standardized tests for psychological, educational, and industrial applications. Prerequisites: PSY 101, PSY 204, PSY 300, and SOC 340

PSY 407 **3 credits**

Psychology of Learning

This course is a study of the psychological principles underlying learning and teaching. Learning theories and their application to behavioral changes are also explored. Prerequisites: PSY 101, PSY 204, and PSY 300

PSY 408 **3 credits**

Seminar in Behavioral Science

This course is the capstone of the Behavioral Science program. Students demonstrate professional judgment and research abilities and become acquainted with the range and scope of professional career options and settings. The course provides a foundation for future professional development. Prerequisites: SOC 340, SOC 408, PSY 406

PSY 412 **3 credits**

Crisis Intervention

This course uses a theoretical approach to crisis intervention in social, therapeutic and business settings. Students develop a sound theoretical approach to crisis work, along with some pragmatic approaches to commonly encountered problems. Prerequisites: PSY 101, PSY 204, and PSY 300

PSY 460-7 **3 credits**

Topics in Behavioral Science

This course is an intensive study of selected contemporary topics relative to psychology and sociology. Emphasis is on in- depth research in areas selected by the student. Prerequisites: PSY 101 and SOC 101, and junior status

PSY 468 **3 credits**

Psychology of Gambling

This course focuses on the social and psychological implications of gambling, including identification of problem gambling, related disorders and/or addictions, stages of gambling disorders, and treatment for pathological gambling.

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

<p>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. Prerequisites: RDG 301</p>	<p>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)</p>
<p>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. Prerequisite: RDG 300; Passing score on all sections of PRAXIS I: PPST</p>	<p>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.</p>
<p>SCIENCE</p>	
<p>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</p>	<p>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.</p>
<p>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</p>	<p>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.</p>
<p>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).</p>	<p>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)</p>

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 **4 credits**

Applied Chemistry (with Lab)

This course explores the chemistry needed to understand the impact of chemical, human, and industrial processes on our lives and our environment. The basics of inorganic, organic, and biochemistry are covered, including the chemistry of life (DNA).

SCI 331 **3 credits**

Microbiology

This course explores the unseen life on earth. The world and the diversity of microorganisms, including the basics of cell biology and genetics, are examined. Students will gain a deeper understanding of how microbes shape the environment and their essential role in human life. Controlling microbes under special situations (e.g. food safety, hospitals), how the human body defends against microbial invaders, disease outbreaks, and current efforts to track and control infectious diseases are discussed.

SCI 335 **4 credits**

Human Anatomy and Physiology (with Lab)

Students in this course explore the structure and function of the human body. Basic terminology to describe the structure of the body while explaining the basic concepts of body function are presented. The student is introduced to the principles of operation of the major organ systems in healthy humans.

SELF-DIRECTED LEARNING

SDL 300 **3 credits**

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.

SOCIOLOGY

SOC 101 **3 credits**

Introduction to Sociology

This course introduces students to the fundamental concepts and methods of the scientific study of group behavior in terms of social interactions and processes. An introduction to social psychology, socialization, personal development, culture, and personality is also offered.

SOC 201 **3 credits**

Cultural Anthropology

This course studies the cultural origins, development, and diversity of human beings. The dynamics of the cultural process, similarities and differences within cultures, and the implications and limitations of present research are examined. Prerequisite: SOC 101

SOC 205 **3 credits**

Principles of Criminology

This is an introductory course in the study of crime and criminal behavior that examines various theories of crime causation, profiles of criminal behavior systems, societal reaction to crime, and structures of criminological methods of inquiry. Prerequisites: PSY 101, SOC 101 and CRJ 101

SOC 302 **3 credits**

Marriage and the Family

This course introduces the subjects of marriage and the family from a sociological perspective. It includes an examination and comparison of patterns of behavior surrounding these institutions historically and cross-culturally, with an emphasis on contemporary U.S. society. Students are encouraged to analyze the causes and probable consequences of current trends and social problems surrounding the family. Topics explored are family violence, mate selection, romantic love, gender roles, sex, divorce, and the changing composition of the family. Prerequisite: PSY 101 or SOC 101

<p>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</p>	<p>3 credits</p>	<p>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</p>	<p>3 credits</p>
<p>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</p>	<p>3 credits</p>	<p>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.</p>	<p>3 credits</p>
<p>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</p>	<p>3 credits</p>	<p>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</p>	<p>3 credits</p>
<p>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</p>	<p>3 credits</p>	<p>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</p>	<p>3 credits</p>
<p>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</p>	<p>3 credits</p>	<p>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</p>	<p>3 credits</p>
<p>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. Prerequisites: PSY 101 or SOC 101</p>	<p>3 credits</p>	<p>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</p>	<p>3 credits</p>

SOC 401 **3 credits**
Cultural Perspectives in Dream Exploration
This course examines dream symbolism from the psychological and sociological perspective. Also investigated is the function of dreams in our lives and in interpreting social identity and social roles. Prerequisite: SOC 101

SOC 405 **3 credits**
Social Deviance
The course follows the development of the sociology of deviance from 19th century functionalism to contemporary perspectives of class and politics. A varied theoretical background with emphasis on real-world approaches to social deviance is examined. Prerequisite: SOC 101

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 201 **3 credits**
Practical Spanish
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 202 **3 credits**
Conversational Spanish
This is a continuation of SPA 201. 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 201

SPA 300 **3 credits**
Introductory Spanish for Business and Health Care
This course is a guide to the essential points in Spanish grammar for students whose profession requires a working knowledge of Spanish. It is the first of two courses for students in business or health care.

SPA 301 **3 credits**
Spanish for Healthcare Personnel
This course, which focuses on the health care professions, is a follow-up to SPA 201. It provides essential points in Spanish grammar for students whose profession requires a working knowledge of Spanish.

SPA 302 **3 credits**
Spanish for Business and Finance
This course, which focuses on the business and finance professions, is a follow-up to SPA 201. It provides essential points in Spanish grammar for students whose profession requires a working knowledge of Spanish.

SPORTS MANAGEMENT

SPM 200 **3 credits**
Science of Coaching
This course focuses on the principles and philosophies of coaching across all area of sports. Specifically, the course introduces the roles of coaches to potential coaches, athletes, and parents. The course also focuses on enhancing the coaching skills of present coaches.

SPM 201 **3 credits**
Science of Coaching/Recruiting Basketball
This course examines the practical applications of current techniques and philosophies being used by basketball coaches in scholastic, collegiate, and recreational settings. Topics include planning and implementation of daily practice, game management, and recruiting.

SPM 202 **3 credits**
Science of Coaching/Recruiting Baseball
This course examines practical applications of current techniques and philosophies being used by baseball coaches in scholastic, collegiate and recreational settings. Topics include planning and implementation of daily practice, game management, and recruiting.

<p>SPM 203 Science of Coaching/Recruiting Volleyball This course examines practical applications of current techniques and philosophies being used by volleyball coaches in scholastic, collegiate and recreational settings. Topics include planning and implementation of daily practice, game management, and recruiting.</p>	<p>3 credits</p>	<p>SPM 305 Sports Management I This introduction to the sports industry covers theories of recreation and leisure, planning, policy-making, program evaluation, budgeting, and public relations</p>	<p>3 credits</p>
<p>SPM 290 Internship In Coaching This course gives students coaching experience in their chosen sport. Students gain practical experience, enhance skills learned in the classroom, and develop contacts with professionals in coaching and sports administration. The course is graded pass/fail. Prerequisites: Science of Coaching/Recruiting elective and 4 SPM core courses</p>	<p>3 credits</p>	<p>SPM 405 Sports Management II This course gives students a comprehensive view of the procedures and operation of professional sports, collegiate athletics, and recreational organizations and enterprises. The course examines skills and processes such as budgeting, marketing, event staging, and fund raising that are necessary for the successful administration of these organizations. The interrelationship between these skills and administrative goals and objectives is studied. Prerequisite: SPM 305</p>	<p>3 credits</p>
<p>SPM 300 Sports and Entertainment as a Business This course is a broad overview of the structure of the sports and entertainment industry. Emphasis is on sports and entertainment as a business, sports and entertainment marketing strategies, communication, and promotion and implementation of marketing promotions. Students will gain a comprehensive understanding of the sports and entertainment industry through in-class presentations, discussions, and textbook and trade publications, as well as the development of a creative promotional marketing plan for a mock event.</p>	<p>3 credits</p>	<p>SPM 406 Recreational Facilities Management and Planning This course focuses on the principles and practices of operating athletic centers and recreational facilities. Emphasis is on the management of such facilities, in addition to transportation, security, time management, and other related issues.</p>	<p>3 credits</p>
<p>SPM 301 Legal Issues in Sports This course is designed for students interested in the growing problems of sports litigation. Amateur and professional aspects of sports are covered from four major perspectives: (1) judicial review of athletic associations; (2) eligibility rules and disciplinary measures; (3) equal opportunity provisions; and (4) tort liabilities. Specific topics include due process, anti-trust and free speech, 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>3 credits</p>	<p>SPM 407 Sports Marketing and Promotions This course is designed to give students an understanding of the marketing process relative to the sports industry. Specific topics include: developing a marketing strategy, promotion, sponsorship, sales, advertising, and licensing. Prerequisite: BMK 305</p>	<p>3 credits</p>
<p>SPM 304 Current Issues in Sports Management This course studies current issues, problems, and trends in sports management.</p>	<p>3 credits</p>	<p>SPM 408 Financing Sport Operations This class discusses the financial concepts and theories and their application in the professional, intercollegiate, and commercial sport industries. Specific topics include: revenues and expenses of professional, intercollegiate, and private sport industries; budgeting; the economic impact of the sports industry, and fundraising. Prerequisite: FIN 305</p>	<p>3 credits</p>
<p>SPM 490-1 Sports Management Internship 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. This course is graded pass/fail.</p>	<p>3 credits</p>		

TECHNOLOGY

TEC 101 **3 credits**

Introduction to Audio

This course introduces the principles of sound recording and sound design using analog and digital technologies. The course's aim is to provide the students with the skills necessary to set up and use current equipment and manipulate sound in order to maximize communication. Particular emphasis is placed on using and understanding the concepts of digital sound systems. Also examined are the use of sound design as a communicative medium and the relationship of sound to visuals to create in the student an "auditory awareness." Sound characteristics, acoustics, ergonomics, and basic audio technology professional practices will be introduced.

TEC 102 **3 credits**

Introduction to Video

This course is designed to teach the importance of a team approach to media production, including single camera portable and the TV studio. Instruction is given on basic techniques including script writing, pre-production planning, camera control, recording, lighting, and continuity. Basic editing will also be covered.

TEC 110 **3 credits**

Basic Photographic Techniques

This course introduces students to the technical aspects of photography. The content will include camera and lens types, film types and light meters, exposure control, and depth of field. Also explored are the development of basic 2D design, shape, texture, and the darkroom process of printing and print finishing.

TEC 120 **3 credits**

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.

TEC 305 **3 credits**

Studio and Location Lighting

Through demonstration and practice, the students will learn manual and programmed lighting techniques for various types of photographic, TV, and location productions. Recommended prior course: COM 410

TEC 330 **3 credits**

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. Recommended prior course: BCS 210

TEC 340 **3 credits**

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. Recommended prior course: BCS 210

TEC 341 **3 credits**

Maintenance Theory and Practice

This course examines aspects of safety, preventive programs, test equipment use, and problem solving by means of a flow chart analysis. Practical aspects of the course will cover basic skills such as soldering, continuity testing, and the internal examination of computers and modern media hardware, including upgrading procedures.

TEC 342 **3 credits**

Media Communications Theory

This course examines the hardware found in the modern media industry. Theory of operation and setup at an advanced level will be covered along with terminology and specifications. The practical aspect of the course will focus on setting up equipment to the manufacturer's specification for correct operation. Recommended prior courses: BCS 210, TEC 101, and TEC 102

TEC 366

3 credits

Advanced Photography (Photojournalism)

Photography for news media....this course is an introduction to photojournalism with special emphasis on photographing for a daily metropolitan newspaper. Students will be required to photograph spot news, general news, features, sports, editorial portraits, and photo essays according to newspaper standards. Aspects of journalism such as story ideas, research, and visual execution will be addressed. Through the study of photography, artistic interpretation will be considered as the students explore light, patterns, contrast, and style. Prerequisite: TEC 110

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 as preparation for industry-recognized certification. Recommended prior course: TEC 330

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M.S., Widener University

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M.S.N., University of Delaware
D.N.Sc. Candidate, Widener University

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Ed.D., University of Maryland

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MSCC Assistant Program Coordinator
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M.A., The George Washington University
Ed.D., The George Washington University

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M.S., University of Southern Mississippi
Ph.D., The Union Institute

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B.A., Rowan College (Glassboro State College)
M.A., Rowan College (Glassboro State College)
Ph.D., The Union Institute

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M.S., Widener University

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Behavioral Science Program Coordinator
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M.A., Bowie State College
Ph.D., Union Graduate School

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M.B.A., Duquesne University
Ed.D., University of Delaware

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Information Technology and Advanced Communications
Program Coordinator, Advanced Communications
B.S., University of London
M.E., University of Wales

Natalie I. Popham Assistant Professor, Education
Program Coordinator, Education
B.S., University of Alabama
M.Ed., Duke University
Ed.D., Nova Southeastern University

Robert J. Power.....Assistant Professor, Business B.S., Columbia University M.S., Columbia University M.B.A., University of Delaware	John S. SzczechowskiProfessor, General Studies General Studies Program Coordinator B.A., Pennsylvania Military Academy M.S., Temple University Ed.D., Nova University
Barbara M. Raetsch.....Professor/Division Chair, Education B.A., Winthrop College M.Ed., University of Georgia Ed.D., University of Georgia	Mickey P. Turnbo..... Associate Professor, General Studies Instructional Computers Coordinator A.A.S., Community College of the Air Force B.S., New School of Social Research M.S., State University of New York
Sallie ReissmanAssistant Professor, Educational Technology B.S., Wilmington College M.S., Wilmington College	Ronald C. WattsProfessor/Ed.D. Program Ed.D. Program Coordinator B.F.A., Philadelphia College of Art M.A., American University Ed.D., American University
Barry L. RennerAssistant Professor, General Studies Mathematics Program Coordinator B.A., Franklin and Marshall College M.A., University of Delaware	Sharon P. WaylandAssociate Professor, Education MED/MET Program Coordinator B.S., Bloomsburg University M.A., West Chester University Ed.D., University of Pennsylvania
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Donald H. StuhlmanAssistant Professor, Business Business Program Coordinator B.S., Southern Connecticut State College M.B.A., University of Montana	

ADJUNCT FACULTY

The adjunct faculty listed below have attained the rank of “Adjunct Professor” as of 5/3/01.

Abell, Elizabeth M.

B.A., Wilmington College
M.Ed., Wilmington College
Ed.D., Wilmington College

Albright, Prudence

B.S., University of Delaware
M.S., Widener University

Baker, Frederick A.

B.A., University of Delaware
M.I., University of Delaware

Barkley, William W. III

A.B., Wittenberg University
M.Ed., University of Delaware
Ed.D., University of Delaware

Barlow, A. Glenn, Jr.

B.A., Presbyterian College
C.P.A., State of Delaware
M.B.A., Wilmington College

Bashford, M. Ruth

B.S.N., University of Florida
M.N., UCLA

Battista, William G.

B.A., St. Vincent College
M.S., University of Texas

Blackburn, P. Karen

B.A., West Chester University
M.A., University of Maryland

Bradley, Charles W.

M.S., University of Southern California
M.A., Webster University
Ph.D., St. Louis University

Burgess, William J. III

B.A., University of St. Thomas
M.A., University of Houston

Carey, Jane H.

B.S., University of Delaware
M.Ed., University of Delaware

Carson, Kevin E.

B.S., B.A., Wesley College
M.A., Central Michigan University
Ed.D., Temple University

Chapman, William L.

B.A., Brown University
J.D., Georgetown University Law Center

Clark, Dennis T.

A.A.S., Delaware Technical & Community College
B.B.A., Wilmington College
M.B.A., Wilmington College

Cohee, Sandra L.

B.S., University of Delaware
M.S., University of Delaware
Ed.D., University of Delaware

Costello, Michael F.

B.S., Wilmington College
M.B.A., Wilmington College
M.S., Wilmington College
Ed.D., Wilmington College

Coulson, Hilary H.

B.S., Loyola University of Chicago
M.S., University of Delaware

Davenport, Anita

B.S., City University of New York
M.S., West Chester University

Davis, Elliot J.

B.A., Temple University
M.A., West Chester University
Ed.D., Temple University

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