



2004-2005 Catalog

KING'S COLLEGE



2004-2005 Catalog



King's College
Wilkes-Barre, Pennsylvania 18711-0801

King's College is an independent four-year coeducational college founded by the Holy Cross Fathers and Brothers from the University of Notre Dame.

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The College Catalog

The College Catalog is the most comprehensive of the College's official publications. It serves not only as a descriptive account but also as a manual to meet the needs of the undergraduate student, the faculty, and the administration of King's College with regard to its academic programs, policies, and services.

While the primary audience for this catalog is the King's campus community, we recognize that applicants, prospective students and their parents, and many other interested readers will have access to this information. The purpose then can be expanded to provide these many readers an understanding of King's College

The catalog of the student's entering year will govern the general program as an undergraduate. Later catalog editions will note any changes in the requirements of the major program to which one is admitted, and of any elective options changes which may have a bearing on the student's program of study. The student should, therefore, become well acquainted with this catalog and keep it as a reference for charting and measuring progress towards a degree.

King's reserves the right to change, alter, and/or modify without notice the contents of its catalog; this includes but is not limited to the College's programs, policies, regulations, procedures, courses of study, and schedule of fees.

King's College is committed to equal opportunity in the admission of students, the administration of its educational programs and activities, and for employees and applicants for employment without discrimination based on race, national or ethnic origin, religion, gender, marital status, sexual orientation, age or disability in accordance with applicable laws.

Inquiries concerning application of this policy should be directed to the Equal Employment Opportunity/Title IX Director, 133 North River Street, Wilkes-Barre, PA 18711 or by phone at (570) 208-5900.

Mission Statement

(Adopted by the Board of Directors of King's College, November 20, 1992)

King's College was founded in 1946 by the Congregation of Holy Cross as an independent four-year college in order to provide students with a broad based liberal education in the Catholic tradition and to offer intellectual, moral, and spiritual preparation for satisfying and purposeful lives. Holy Cross sponsorship and the Catholic tradition are important components of the King's educational experience. Also important are openness to the pluralism of American society and awareness of the international nature of our culture, economy, and social order. King's College welcomes students into its community without regard to gender, age, race, religion, disability or national origin, and seeks to assist talented students of modest financial means to attend.

Since 1991 King's College has offered students an opportunity to develop advanced knowledge and professional competence through specialized graduate programs whose aim is to prepare graduates for positions of responsibility and leadership.

Education at King's College is student-centered. The faculty are committed to excellent teaching as their first responsibility, both in the Core curriculum of general studies which all undergraduates follow, and in the major programs of the College of Arts and Sciences, and the William G. McGowan School of Business. Faculty engage in scholarly research and ongoing professional development to support and strengthen their primary role of teaching.

The academic curriculum is complemented by a full program of co-curricular organizations and activities that contribute to the cultural, spiritual, and personal development of students. Faculty and professional staff share responsibility for working with students formally and informally as advisors, coaches, counselors, and mentors to foster a climate of support and concern in a community committed to academic excellence, social responsibility, and mutual respect.

King's College seeks to develop mutually beneficial and cooperative ties to the wider society, and particularly to the civic, cultural, and religious communities of northeastern Pennsylvania. The broader community offers resources that support and complement the educational mission of the College, which in turn is a resource to the community through the specialized competencies of its faculty and staff, the volunteer service of students, and through a diverse series of public lectures and religious, cultural, and athletic events.

The education provided at King's College promotes intellectual development, critical judgement, professional competence, reflection on religious and ethical questions, and commitment to building a just society. In the words of its founding President, King's teaches students not only how to make a living, but how to live.

General Information





The King's Experience

A Prospectus

It is the purpose of this Catalog to provide a prospectus of the College of Christ the King, where “the things that last, come first.”

King's College is an independent four-year college for the undergraduate education of men and women. It offers students preparation for a purposeful life through an education which integrates the human values inherent in a broadly based curriculum with programs in humanities, the natural and social sciences, and specialized programs in business and other professions. In an open Catholic tradition, it actively encourages the religious and moral as well as the personal and social development of its students. King's College also seeks to aid the broader community in its efforts to raise the quality of life and to enlarge the intellectual, cultural and social vision of its citizens.

As a college of liberal arts and sciences rooted in the tradition of Judeo-Christian humanism, King's endeavors to educate the whole person. To the King's community — students and teachers, administrators and support staff, this quest has a profoundly human and eternal aspect which challenges the individual to rise above the ordinary to gather what is significant, good, and worthy. King's encourages its students to address themselves to the ultimate values of reality and human life in the hope they will experience, in individual and social contexts, progress towards an authentically educated maturity.

The translation of these ideals into practical terms is the manifest mission of the College and its founders, the Congregation of Holy Cross, a community of priests and brothers initially established in the small town of Sainte Croix in France by Father Basil Antoine Moreau in 1837. The first major achievement of the Congregation was the founding of the University of Notre Dame in South Bend, Indiana. It was in 1946, at the invitation of the Most Reverend William J. Hafey, Bishop of Scranton, that the Holy Cross Fathers came to Wilkes-Barre to found this college dedicated to Christ the King.

Originally a college for men, King's admitted its first fully coeducational class in 1970. Currently, the College has a full-time student body of nearly 1900 men and women: approximately half are native to northeastern Pennsylvania; the remainder come from various sectors of the middle Atlantic states and these United States, and from several foreign countries. An additional 600 students, on average, are in part-time attendance.

King's students tend to be ambitious, with a strong dedication to learning as a means to the discovery and development of their full human potential in personal, social and professional terms. About 40% of the students enrolled at King's were graduated in the

upper quintile of their high school class. The College's Alumni have an outstanding record of successful endeavors and in a broad range of professions.

Another significant aspect of the college's human profile is represented in the commendably low student/faculty ratio of 17:1. King's is preeminently a learning community in which students and teachers are associated in a personalized process of intellectual, moral and social growth. The College provides a challenging, but individually supportive environment for full personal growth.

In many respects, the College and its learning resources present a number of complementary contrasts:

The King's faculty is committed to the pursuit of self-enrichment and scholarly growth not only for the purpose of remaining equal with their contemporaries in their specific academic discipline, but also to enhance the quality of their service to their students. Ideally, their teaching is premised on the conviction that success is measured in terms of the degree their students realize and express the best that is in them and, in the process, become progressively free of bias, ignorance and prejudice, and of any undue dependence on their mentors.

The Core curriculum is designed to provide students with a common learning experience in the liberal arts and sciences, so that they can develop:

- competence in writing, speaking, critical thinking, problem solving strategies, mathematics, computer applications and use of library and information technologies
- an understanding of history and civilization
- an appreciation for great works of art and literature
- a global awareness and a knowledge of foreign cultures
- an understanding of human behavior and contemporary social institutions
- a familiarity with science and technology
- an ability to understand ethical issues and practices

Each of the categories in the Core defines specific objectives students can expect to attain, objectives that are measurable within each course.

Each category further defines as goals those attitudes and habits of mind one will experience as a life-long and liberally educated learner.

Even though the curriculum requires a certain core of courses be completed by all students, several categories provide for choice by the individual student. This choosing is facilitated by an extensive Academic Advisement program which uniquely provides each student individual advisement throughout their four years not only in the Core, but also in the major program areas. The structure of the Core curriculum gives students the opportunity to explore possible academic majors and/or to pursue a compatible second major or minor. Barron's Best Buys in College Education praised King's Core curriculum with its emphasis on liberal arts and independent thinking. "A King's College degree in any of several well respected professional fields will almost ensure an excellent first job after graduation; a King's College education through the comprehensive Core curriculum will provide sustenance throughout a graduate's life."

The curriculum promotes an awareness of the inter-dependence of disciplines across the curriculum since the Core provides a rich exposure to the various disciplines to encourage, develop and reinforce explicit "transferable" skills associated with liberal edu-

cation. On the other hand, appropriate emphasis is given to pre-professional and experiential applications of one's major through internships, study abroad, and/or cooperative education arrangements. Moreover, even beyond the formal aspects of a college education, King's College has made a further commitment to preparing its students for life in the 21st century life in a society which is becoming increasingly literacy intensive.

While continuing to infuse cumulative traditional knowledge, King's is engaged in a directed effort to translate the concept of liberal learning goals and objectives into measurable competencies. This educational development is ever relevant because it addresses, not only the student's desire and adaptability for lifelong and continuing personal and professional growth in an ever changing world, but also on the practical side it prepares the person for better placement in the job market.

While most colleges provide support services which complement the instructional functions of the faculty, those at King's are designed primarily to meet the individual student's needs. Aside from the assignment of an academic advisor to each student, personal, professional and pastoral counseling, peer tutoring for the further development of particular learning skills, and an integrated program of life development/career planning and placement services are automatically provided and/or are available on request. The truly significant aspect of these services is that they are merely a representative part of the broader integrated effort by all the constituencies of the college community to participate in a network of helping relationships in which each individual declares a commitment to the application of Christian values toward a purposeful life.

A majority of King's students are Catholic, but many students of other faiths come to King's to discover a community that is open and friendly and in which they are encouraged to examine and strengthen their individual convictions and to enrich their spiritual lives. Indeed, the Catholic tradition of King's has exercised a major influence in the foundation and historical development of the College because it is authentically Catholic, i.e., universal and open to all human concerns. This tradition continues to provide a forceful context for the College's educational mission.

Finally, even the location of the College has its complementary contrasts. The campus, located in a downtown residential section of the historic city of Wilkes-Barre, Pennsylvania and adjacent to a scenic park along the banks of the Susquehanna River, has all the advantages and few disadvantages of an urban campus. Wilkes-Barre has been the site of a remarkable redevelopment thrust in recent years and King's students take great delight and pride in the expanded cultural and entertainment opportunities that now exist.



Accreditation & Affiliations

The College Charter was granted by the Court of Common Pleas of Luzerne County, and the authority to grant the degrees of Bachelor of Arts and Bachelor of Science was authorized by the Department of Public Instruction of the Commonwealth of Pennsylvania in May, 1946. Institutional accreditation by the Commission on Higher Education of the Middle States Association of Colleges and Schools, 3624 Market Street, Philadelphia, PA 19104, 215-662-5606 dates from 1955 and was reaffirmed in 1999.

Among the academic programs accredited by professional organizations are the Physician Assistant Program, accredited by the American Medical Association; the Athletic Training and Education Program, accredited by the Commission on the Accreditation of Health Education Programs; and the graduate program in Health Care Administration, by the Accrediting Committee on Education for Health Services Administration. In addition, the major in Chemistry is accredited by the American Chemical Society. The William G. McGowan School of Business is a candidate for AACSB accreditation, and the programs of the Education Department are candidates for NCATE accreditation.

The College is affiliated with the following professional organizations: the American Association of Colleges for Teacher Education; the American Association of Higher Education; the American Library Association; the Association of American Colleges and Universities; the Association of Catholic Colleges and Universities; the Association of Governing Boards of Universities and Colleges; American Assembly of Collegiate Schools of Business; the Commission of Independent Colleges and Universities; the Middle Atlantic Association of Colleges of Business Administration; the National Catholic Education Association; the National Association of Colleges and Universities; the National Association of Independent Colleges and Universities; the Pennsylvania Association of Colleges and Universities; and the Pennsylvania State Education Association.

Compliance Statements

King's College admits students of any race, color, national and ethnic origin to all the rights, privileges, programs, and activities generally accorded or made available to students at the school. It does not discriminate on the basis of race, color, nationality, ethnicity, age, sex, marital status, physical handicap, or religious preference in the administration of its educational policies, scholarship and loan programs, and athletic and other school-administered programs.

In compliance with the Title IX Regulations implementing the Education Amendments of 1972 prohibiting sex discrimination in education, a Title IX Coordinator has been ap-

pointed. This Coordinator is responsible for coordinating efforts to assure that King's College does not discriminate on the basis of sex in its educational programs and related activities.

King's College also complies with Section 504 of the Rehabilitation Act of 1973, as amended, with respect to making higher education accessible to the handicapped.

Campus Safety and Security Act of 1990

King's College, like all other postsecondary educational institutions which receive federal funding, is required to record and report the incidence of certain criminal activities which have occurred on campus over the previous three years. In addition, schools will provide information on local counseling services and procedures for campus disciplinary action in sex offense cases and campus alcohol and drug policies. King's College most recent report may be obtained by writing: The Admissions Office or Campus Security Office, King's College, 133 North River Street, Wilkes-Barre, PA 18711 or by telephoning (570) 208-5875.

Regional Academic Cooperation

King's College participates on several levels in programs of academic cooperation with other educational institutions. The seven independent colleges of Northeastern Pennsylvania comprise the membership of NEPIC (Northeastern Pennsylvania Independent Colleges). The administrative officers of these institutions meet regularly during the academic year to discuss matters of common concern and to plan cooperative action in the interest of higher education in Northeastern Pennsylvania.

Northeast Pennsylvania Library Network

The D. Leonard Corgan Library is a member of the Northeastern Pennsylvania Library Network, a consortium of academic, public and special libraries in the Hazleton/Scranton/Wilkes-Barre area. The organization was established in 1956 for the purpose of resource sharing through interlibrary lending, since no library can be entirely self-sufficient. Affiliated with the NPLN is a group of fourteen hospital and nursing school libraries comprising the Health Information Library Network of Northeastern Pennsylvania (HILNNEP).

NPLN maintains a regional online catalog and publishes a Union List of Periodicals and Newspapers. Through cooperative arrangements with NEPIC member colleges and the NEPBC, students and faculty may borrow directly from the libraries of NEPIC members.

College Misericordia/Wilkes University

King's College, College Misericordia, and Wilkes University offer their students an opportunity to cross-register for courses at the other institutions. Since the intention is to broaden the range of courses available to the student, only courses not offered at the college where the student is enrolled are open for cross-registration. Full-time students who meet course prerequisites and who are in good academic standing are eligible. Ordinarily cross-registration is available only to juniors and seniors and requires the approval of the student's major department. Courses carry full credit and grade value and are considered part of the student's regular course load with no additional tuition charge. Students register through the Registrar at the College where they are enrolled as degree candidates. Interested students should confer with their respective Registrar for further details.



Academic Regulations

The normal college year is two semesters of fifteen weeks each with additional summer options of one eleven week, one seven week, or two five-week sessions available. Students may be admitted to the College at the beginning of any session.

The semester hour is the unit of credit. A semester hour is equal to one 50 minute period, or equivalent, of classroom time. At least double time in laboratory work is required for a semester hour of credit.

In the day session, classes are normally scheduled Monday through Friday from 8 a.m. until 4 p.m. Laboratory periods and particular classes may continue until later in the afternoon.

NOTE: *The College reserves the right to change, alter, and/or modify the contents of its catalog, including but not limited to the College's rules, regulations, courses, or study and schedule of fees, without prior notice.*

Registration and Credit Load

To have a semester count as one of full-time study, the student must carry at least twelve hours of credit. To receive credit for a course, the student must be properly registered in the Registrar's Office within the first week of the semester and may not change the registration without permission of that Office.

Fifteen credits, usually representing five courses, constitute a standard load; laboratory work accompanying these courses may increase these credits to as many as seventeen if the student's academic background warrants it. Additional hours (see Overloads below) may be taken only with permission of the Registrar. This permission is based on the student's previous academic achievement. Required courses which the student has failed or neglected must be taken before new courses and, as a part of the maximum number of hours permitted.

Students may not change their registration from full time to part time after the second week of class.

Permission to register for a course after the first five days of classes will be granted only for extraordinary reasons. Written approval of the Associate Vice President for Enrollment and Academic Services is required.

Overloads

The standard semester course load is five courses consisting of 15 to 17 credits. Students wishing to take more than 17 credits must have a G.P.A. of 2.5 or better and the approval of their academic advisor and the Registrar. Students with an approved overload will be assessed an additional per credit tuition charge. Arrangements for overload payment are made in the Business Office.

Drop/Add

With the approval of the student's academic advisor, students may revise their schedule to ADD a class up to and including the fifth class day of the semester. Only classes that are open may be added. A list of courses which are CLOSED is posted outside of the Registrar's Office.

Students may DROP a course during the first ten class days of each semester. ADD-DROP is handled through the Registrar's Office. These dates are printed in the college catalogue. The academic advisor's signature is required for all Add or Drop changes.

Classification of Students

- *Freshmen*: satisfaction of entrance requirements
- *Sophomores*: completion of 30 semester hours of credit
- *Juniors*: completion of 60 semester hours of credit
- *Seniors*: completion of 90 semester hours of credit
- *Full-Time Students*: those who have satisfied all entrance requirements and who are taking a minimum of 12 credits
- *Part-Time Students*: those who are carrying fewer than 12 credits
- *Special Students*: those who have not filed formal application to the college or who do not follow a sequence of courses leading to a degree
- *Auditors*: students who are permitted to attend certain lecture courses in which they need not take examinations and for which they do not obtain credit. Auditors may not later seek credit for the class audited. Grades are not reported for auditors.

Examinations

Final examinations are normally an integral part of course evaluation and are scheduled during the final examination period. An examination may be taken at an alternate time only because of serious illness or other grave reasons.

When the nature of a course dictates another means of evaluation, the department must approve and standardize appropriate evaluation criteria. Instructors employing alternate evaluative procedures must stipulate these procedures at the outset of the semester in their course syllabi.

Grades

Final grades are given in all credit courses at the end of the semester. At least 50% of the final grade must represent class work. Grading symbols are assigned the following numerical values:

- A** 4.00 grade points per credit hour.
- A-** 3.75 grade points per credit hour.
- B+** 3.50 grade points per credit hour.
- B** 3.00 grade points per credit hour.
- B-** 2.75 grade points per credit hour.
- C+** 2.50 grade points per credit hour.
- C** 2.00 grade points per credit hour.
- C-** 1.75 grade points per credit hour.
- D** 1.00 grade points per credit hour.
- F** 0.00 grade points per credit hour.
(The course must be repeated before credit can be obtained.)
- F*** Failure in a Pass/Fail course.

The following symbols are also used to indicate irregular grades:

- **IN** Incomplete: given in the case when extraordinary circumstances prevent a student from completing a course, such as a sudden illness. The majority of the course must be completed prior to the assignment of the I grade. The course must be completed by the mid-term report date of the following semester at the latest, or it becomes an 'F'.
- **IP** In progress: used for courses that legitimately extend beyond one semester, such as research or independent study courses. Completion is indicated by one of the regular grades reported in the following semester and credit is received at that time.
- **P** Pass
- **U** Unsatisfactory: no credit.
- **W** Approved withdrawal
- **AW** Administrative withdrawal:
- **W*** Approved withdrawal from a Pass/Fail course:

Records are evaluated through a Grade Point Average (G.P.A.). The average is obtained by dividing the total number of grade points earned by the total number of graded credits attempted. A G.P.A. of 3.40 for twelve hours of graded course work, places the student on the Dean's List. An unsatisfactory G.P.A., as explained under "Academic Probation and Dismissal", will be considered by the Committee on Academic Standing. The average required for graduation is outlined under "Degree Requirements."

An 'F' grade remains on the permanent record and is reproduced on all transcripts. The student who fails to receive a passing grade in a course may secure credit for that course only by repeating it and passing it. There is no second examination in any subject.

No one but a teacher of a course can give a grade in that course. Only the teacher of a course can change a recorded grade, with the approval of the Vice President for Academic Affairs. Students shall have the opportunity to review any of their grades. Students may initiate this action by a request to the teacher, after they have received the official grade report. This action must be taken by the middle of the semester following the issuing of the grade.

Pass/Fail Courses: (Ungraded Elective Option)

During each semester of the junior and senior years, a student has the option to take one elective course on an ungraded basis. This course cannot be used to meet a major, minor, or Core requirement.

The student must declare this option on the appropriate form to the Registrar within the first ten class days of the semester. A 'P' (pass) or 'U' (unsatisfactory) grade will be recorded for the course at the end of the semester. Neither grade will be used in computing grade-point-averages.

Grade Reports and Transcripts

A report of grades is sent to the student at the end of each semester.

At midsemester, informal reports are sent for all freshmen, and for those upperclass students who are not doing satisfactory work. These midsemester reports are not part of the permanent official record.

Each student is permitted one official copy of his/her academic record without charge. For each additional transcript there is a fee of \$5.00. All requests for transcripts must be submitted in writing and must include the student's signature authorizing the release of the academic record. Official transcripts are not given directly to students but are mailed to designated officials or institutions.

Semester reports or transcripts will not be sent for students who have not met their financial obligations to the College.

Family Education Rights and Privacy Act of 1974:

King's College students, as provided by statute, may review any official records, files and data directly related to them that are on file with the administrative offices. The files include identifying data, academic work completed, grades, family background information, disciplinary referrals, references, ratings, and/or observations. (Disciplinary referrals, references, ratings, and/or observations completed before January 1, 1975 are not available to students, nor are confidential recommendations collected by the Placement Office under a waiver by the individual). Requests to review the aforementioned documents should be made in writing to the appropriate college official. In all cases other than disciplinary, requests should be addressed to: Office of the Registrar, King's College, Wilkes-Barre, PA 18711. Requests to view disciplinary referrals should be directed to the Associate Vice President for Student Affairs at the same address. The records, files, and/or data will be made available no later than 45 days from the time the written request is received.

Student records, files, and data will be available to outside individuals or agencies only after having received written authorization for the release by the student. However, the following exceptions are made:

- (a) For accrediting organizations;
- (b) In connection with a student's application for, or receipt of, financial aid;
- (c) In the case of an emergency, if the information is necessary to protect the health and safety of the student or other persons;
- (d) School officials with legitimate educational interests. (A school official is a college employee in an administrative, supervisory, research, or support staff position.

Directory information would include the following: the student's name, address at home, on-campus or off-campus telephone numbers, date and place of birth, campus

email address, photo, major field of study, dates of attendance, degrees and awards received, and the previous educational institution attended by the student. Body weight and height are also considered directory information for interscholastic athletes.

Students requesting that directory information not be released without their prior consent must file written notification by completing the Request for Privacy Form available in the Academic Advisement Office. By designating that information is not to be released, the restriction applies to all information listed above and to all persons making an inquiry about the students. Requests for privacy are kept on file in the Academic Advisement and Registrar's offices.

Students have the right to file a complaint with the U.S. Department of Education concerning alleged failures by King's College to comply with the requirements of FERPA. The name and address of the Office that administers FERPA are: Family Policy Compliance Office, U.S. Department of Education, 400 Maryland Avenue, SW, Washington, D.C. 20202-4605.

A student, as provided by statute, may request in writing: a review of any information that he or she feels may be inaccurate and/or misleading. In accordance with the provisions of the statute an appropriate administrative officer of the college who does not have a direct interest in the outcome must conduct the review.

Materials will be reproduced at a cost of \$.50 per page for records and \$5 for a transcript

Academic Probation, Suspension, Dismissal, and Academic Standing

A student is expected to earn a minimum cumulative grade point average of 2.00 at the end of the first semester and for each semester thereafter. Any student whose G.P.A. falls below the minimum 2.00 (semester or cumulative) will be placed on academic probation.

Academic probation serves as a warning to the student that the academic work of the student is not of the quality necessary to ensure graduation. When a student is placed on academic probation, the student's record is reviewed by the Committee on Academic Standing. The Committee may require a student on probation to take certain steps, in an attempt to assist the student in being successful.

These steps may include requiring the student to take a reduced course load, attend study skills seminars, and other similar proactive requirements. The Committee on Academic Standing monitors the progress of students on academic probation, looking for genuine improvement in a reasonable time.

A student who persists on academic probation may be subject to suspension or dismissal from the College if the Committee determines that the student is not making satisfactory progress toward meeting degree requirements. Only in extreme cases will the Committee take serious action against a student on probation for the first time.

A student may be suspended for one or two semesters and has the opportunity to apply for readmission following the specified time period. When a student is dismissed from the college there is no opportunity to return.

At the beginning of any academic year a student in good academic standing is eligible to participate in extracurricular activities for that year. Ordinarily a change of academic

status at mid-year will not affect that eligibility except as required by NCAA regulations; in extreme cases, however, a student may be required to discontinue participation until good standing is again achieved.

Repeating Courses

A student who receives a 'D' or 'F' grade in a course may retake the course. Only the grade received in the repeated course will be used in the calculation of the student's grade point average, though all grades will appear on the transcript.

If a course must be repeated more than once, the first repeat grade will remain and will be averaged in with the second repeat. The student who is retaking a 'D' or 'F'-graded course must submit the appropriate form to the Registrar at the time of registration.

Dean's List

The Dean's List is published at the end of each semester. For a student to be placed on the Dean's List, the student must obtain a minimum semester average of 3.40 in twelve credits of graded courses. If a student is on the Dean's List for four semesters, the student qualifies to be considered for membership in the Aquinas Society.

Attendance at Class

King's College regards student participation in class essential to the learning process. Therefore, regular class attendance is required of all students. Excessive student absences are deemed to be an indication that the student may need some assistance to successfully complete his or her course work.

The attendance policy for each course is determined by the instructor and stated on the course syllabus. Each instructor is expected to explain carefully the attendance policy for the course, including the conditions under which missed course work may be made up and the number of absences permitted before penalties may be incurred.

In the event of excessive absences, students should be aware that their names will be referred to the Associate Vice President for Student Affairs. For first-year students, notification will be made after two consecutive unexcused absences or two unexcused absences over a two-week period. In the case of upper class students, notification will be made after three or more consecutive unexcused absences or any absences beyond the instructor's stated policy.

Absences due to serious personal illness, family emergency, participation in college-sanctioned activities, or another such compelling cause, normally will be deemed excused if supported by appropriate written documentation. If a student knows that a class must be missed, the instructor should be notified as early as possible in advance and arrangements made to complete the work. Appropriate written documentation for absences due to participation in college-sanctioned activities is to be obtained from the following sources:

- **College theater productions** — Associate Vice President for Student Affairs Office
- **Debate team** — Debate coach
- **Intercollegiate athletics** — Athletic Director's Office
- **Academic related activity** — Faculty Moderator, or the Associate Vice President for Academic Services

• **Leadership programs** — Associate Vice President for Student Affairs Office

Notification of extended absences (three or more consecutive absences) is to be provided to the Associate Vice President for Student Affairs. Students requesting such notification must contact the Associate Vice President for Student Affairs at the time of absence. Written excuses for extended absences after the student returns to class will not be provided. In cases of extended absence the Associate Vice President for Student Affairs will notify the instructor of the student's absence. When the student returns to class, the student must provide any appropriate written documentation (e.g. a doctor's note) to the Associate Vice President for Student Affairs and meet with the faculty member to discuss any work that was missed.

Notification of one or two-day absences should be provided by the student to the instructor, and should be accompanied, if possible, with appropriate written verification of the reasons why the absence is excusable. Instructors are expected to provide reasonable opportunity for students to make up examinations or other course work missed as a result of excused absences. Instructors are not required to give make-up examinations or accept course work missed as the result of unexcused absences.

While the College does not set a limit on the number of excused absences for participation in college-sponsored activities, it does expect students to act responsibly in choosing course schedules that minimize conflicts between academic and non-academic obligations.

Grievances arising from the implementation of class attendance policies may be redressed by means of the College's Academic Grievance procedure.

Conduct and Academic Integrity

The College cannot be held responsible for the conduct of students outside the premises. However, it is expected that students, as members of the academic community, will respect the rights of others; and, failure to respect these rights could result in disciplinary probation, suspension or dismissal from the College. Behavioral expectations have been set down in the Student Handbook.

The College recognizes honesty and integrity as being necessary to the academic function of the institution. All forms of dishonesty in college work are regarded as a serious offense and may result in failure of a semester course, suspension, or dismissal from the College. If a student wishes to respond to such a sanction, the student must contact the Associate Vice President for Enrollment and Academic Services. All cases of violations of academic integrity are kept on file in the office of the Associate Vice President for Academic Affairs.

Withdrawal from a Course:

It is presumed that a student will complete all registered courses. If necessary, a student may withdraw from a course by completing a withdrawal form within the first half of the semester as specified in the college calendar. The withdrawal procedure must be completed within the permitted period. Course withdrawal for full-time students is initiated with the Director of Academic Advisement; course withdrawal for part-time students is initiated with the Center for Lifelong Learning. A "W" grade is given for an approved withdrawal. If a student unofficially withdraws from a course (stops attending class without completing the procedure) a grade of 'F' is recorded.

If a course withdrawal for a full-time student results in the student's course load dropping below 12 credit hours, the student will be considered full-time for the entire semester. No refund will be credited to the student's account for the withdrawn course, nor will the student's status be changed from full-time to part-time.

Late withdrawal from a course will be considered only for extraordinary circumstances accompanied by appropriate documents and subject to the approval of the Director of Academic Advisement.

Late Course Withdrawal

To effect a late course withdrawal there must be extenuating circumstances. Change of a major, poor performance, lack of time, or possible failure are not considered sufficient reasons to warrant a late course withdrawal.

Requests for late course withdrawal must be submitted in writing and approved by the following:

- *Freshmen* — Director of Academic Advisement
- *Upperclass Students* – Associate Vice President for Enrollment and Academic Services

Withdrawal from College

Formal withdrawal from the college is effective only upon completion of the Official Withdrawal Form available in the Academic Advisement office. An exit interview is required of all withdrawing students with the Financial Aid Office and the Director of Academic Advisement. If under extraordinary circumstances a student is unable to attend the exit interview on campus, the interview forms may be requested by telephone and become official only upon completion and when received by the College. Failure to follow this procedure will result in "F" grades and full responsibility for all financial charges. In all instances the last day of class attendance indicated on the completed exit interview form is considered as the official date of withdrawal. The Tuition Refund Policy is outlined in the College catalog. A student who requests a late withdrawal from the College for depression, or other psychological or medical reasons may apply for re-admission to the College when he or she presents written professional documentation detailing the treatment received. In all cases re-admission is subject to the College's approval.

Concurrent Registration

Current degree students, whether bachelor or associate candidates, are advised that credits taken by concurrent registration at another institution will come under the following policy criteria:

1. Enrolled students who wish to take courses at other institutions must first secure the approval from the Registrar's Office.
2. Only courses not being offered as part of this College's regular/current offerings will be considered for approval in any given semester.
3. No more than one course will be approved in any given semester, and no more than four will be approved for any summer request with a maximum of two courses in any particular summer session.

4. Approval will be granted only to students who are in good academic standing at King's at the time of the request.
5. Courses completed at other institutions, but not approved in advance, will not be accepted in transfer.

Restrictions: Upper division major requirements must be taken at King's. Recommendations for exceptions must be made by the appropriate department chairperson. Core equivalencies must be determined by the Registrar in advance. Catalog descriptions are normally needed to determine these equivalencies. This policy applies to summer registrations as well as any academic semester.

Preregistration

At the time of preregistration, students must obtain the approval of their academic advisor for the selection of courses. It should be noted that a student is expected to maintain a 2.00 average in all required courses of his/her major sequence, as determined by the department chairperson. A student who does not maintain this average in a major field can be refused continuance in that department. Some departments may require a grade-point average higher than 2.00.

Students in attendance at King's College who wish to attend in the following semester must preregister in the manner and within the time prescribed.

Degree Requirements

The requirement for the degree of Bachelor of Arts or Bachelor of Science is the completion of a minimum of one hundred and twenty (120) semester hours of credit. Some majors require more than 120 semester credit hours for the student to be eligible to receive the degree. A student is expected to earn at least sixty semester hours of credit, including the senior year, and 50% of the major sequence at King's College. It is the student's responsibility to select the courses that will satisfy the graduation requirements of the College.

In addition to satisfying the quantitative graduation requirement in credit hours, the student must maintain a minimum grade point average of 2.0, cumulative and in the major. Some departments may require grade point average that exceed 2.0. Completion of the First Year Experience Program (FYE 010) is a requirement for graduation.

Students must complete all course requirements in order to participate in graduation ceremonies.

King's College will award only one bachelor degree per graduate. The completion of additional majors will be entered on the student's transcript without designation of an additional degree.

Honors at Graduation

Degrees awarded by the College are conferred with distinctions of honor for exceptional academic achievement. Honors are defined as follows: cum laude, for a minimum average of 3.40 in all courses for which the student has registered at King's College, magna cum laude, for a minimum average of 3.60; and summa cum laude, for a minimum average of 3.80.

Academic Grievances

A student who has an academic grievance against a faculty member should discuss the matter with his or her academic advisor or with the Academic Advisement Office, to clarify the proper procedure for handling it.

Prior to filing a formal grievance with the Academic Grievance Board, the following procedure must be taken:

1. The student consults with the faculty member in question seeking a mutually agreeable solution to the issue at hand.
2. If the student is not satisfied with the response received from the faculty member, he or she meets with the department chairperson or program director to discuss the grievance. The chairperson or program director consults with the faculty member regarding the student grievance and communicates to the student the outcome of that meeting.
3. If the student is not satisfied with the response received from the department chairperson or program director, he or she meets with the Associate Vice-President for Enrollment and Academic Services to discuss the grievance. If the Associate Vice-President deems that the issue is not an academic grievance, he or she refers the student to the appropriate office for registering the complaint. Otherwise, the Associate Vice-President for Enrollment and Academic Services consults with the department chairperson or program director and the faculty member regarding the student's grievance and communicates to the student the outcome of that meeting.
4. If the student is not satisfied with the response received from the Associate Vice-President for Enrollment and Academic Services, the student has the option of presenting his or her grievance to the Academic Grievance Board. The Associate Vice-President for Enrollment and Academic Services informs the student of the procedure to be followed in submitting a formal grievance to the Academic Grievance Board.

The procedure for filing a formal grievance with the Academic Grievance Board is as follows:

1. The student submits a written report of the alleged grievance including copies of pertinent materials (i.e. exams, papers, course syllabus, assignment handouts, etc.) to the Associate Vice President for Enrollment and Academic Services. This must be done within five school days of receiving the response from the Associate Vice-President for Enrollment and Academic Services as outlined in #4 above. A copy of this report is given to the faculty member who must submit a written response within five days after receiving it. A copy of the response is given to the student.
2. The Associate Vice-President for Enrollment and Academic Services refers the grievance to the Academic Grievance Board and provides the board with copies of all the materials mentioned in #1 above.

The Academic Grievance Board is composed of:

1. The Vice-President for Academic Affairs, who chairs the Board and rules on all issues of the proceedings.
2. Two tenured faculty members and one tenured alternate elected annually at the beginning of the fall semester by the faculty at large.
3. Two students and one student alternate (seniors with a minimum GPA of 2.5) chosen annually by Student Government, the Academic Coordinator of Student Govern-

ment, if qualified, may be one of the student members. No student who has violated the College's academic integrity policy may serve on the Board.

The Academic Grievance Board proceeds as follows:

1. Within ten school days of receiving the written documentation, the Academic Grievance Board meets. The Board reviews the written documentation and will request interviews with the student and faculty member involved.
2. The Board deliberates in closed session, each of the five members having one vote. A majority vote decides the issue. The deliberations of the Board are confidential.
3. The Vice-President for Academic Affairs records the Board's decision, communicates it in writing to both the student and faculty member, and places a copy of the decision in their files.
4. Both the student and the faculty member must comply with the Board's decision.

This concludes the appeals process.



Admissions

King's College encourages applications from qualified candidates:

1. who are seniors in high school;
2. who wish to transfer from a two-year college to further their education beyond the Associate Degree;
3. who wish to transfer from an accredited college or university and who are presently maintaining a satisfactory academic grade point average;
4. who are or were in the Armed Forces and who desire to further their education;
5. who wish to return to college because they feel they lack the courses necessary for advancement in their present employment;
6. who feel the need for expanding their educational base, or who simply want to pursue special interest programs of study.

To be considered eligible for admission, a student must give evidence that he/she is prepared to successfully pursue a program of studies at the College. This evidence is sought by investigation into the quality of previous curricular and co-curricular performance, in the recommendation of school officials and character references, and in a display of personal promise, maturity, and motivation.

King's College admits students of any race, sex, color, creed, national, and/or ethnic origin.

Application Procedures:

Applications for admission may be obtained by writing the Admissions Office at King's College. Applications are also available in the *Viewbook* and online at www.kings.edu. The applicant should complete and sign the application and forward it to the Admissions Office along with a \$30.00 application fee.

Advanced Placement:

Students matriculating to King's College who have successfully completed Advanced Placement [AP] courses and have achieved qualifying scores on the AP examinations are eligible for advanced placement as determined by their level of achievement and in accordance with established institutional guidelines. They may contact the Registrar's Office (570) 208-5870 for specific information on course equivalencies and test scores required to receive AP credit.

Applicants may also earn academic credit and advanced placement for satisfactory performance on subject examinations of the College Level Examination Program (CLEP) of the College Entrance Examination Board. Ordinarily credit will be given to those who achieve at the 55th percentile or above on the subject examinations. It should be noted that there is no credit nor advanced placement awarded for the CLEP general examinations.

King's College will also consider for advanced placement the subject examinations taken under the Proficiency Examination Program (PEP), which is administered by the American College Testing Program. King's College has been designated as a testing center for this program.

Students with the background necessary to begin their studies of a foreign language at an advanced level may also earn up to six advanced placement credits.

Complete information on placement and credit may be obtained from the Office of Admission or the Registrar's Office at the College. A maximum of thirty (30) credit hours may be awarded through advanced placement.

International Baccalaureate Program:

King's College recognizes the level of academic achievement represented by the successful completion of coursework in the International Baccalaureate Diploma Program. Students must present scores of 4, 5, 6, or 7, in higher-level subjects in order to qualify for credit in specific courses. Students presenting the IB Diploma will be reviewed on an individual basis for possible credit for standard level subjects with a score of 5 or higher. Credit for each exam may range from 3-8 credits depending on the score and level of the examination. Credit will appear as transfer credit on the student's official transcript. A maximum of 30 semester hours of alternative credit (AP, CLEP, IB) will be counted toward graduation.

Transfer Students and Transfer Credits:

Graduates or students enrolled in other colleges or universities who are applying for admission to King's College must request that transcripts be forwarded to the Office of Admission from their secondary school and from each college previously attended. Transfer credits from these institutions must be evaluated and awarded prior to matriculation at King's College. All documents submitted become the property of King's College and cannot be returned or copied.

Credit is accepted in transfer for those courses in which the student has received the equivalent of a 'C' grade or better and the courses are applicable to the student's degree program at King's. The grades secured at another college or university are not included in either the general average or the qualitative average for the student's work at King's College.

The College accepts a maximum of sixty (60) semester hours of transfer credit and these credits are cited on the King's transcript of record.

Transfer students must meet the following residency requirement at King's:

- For the bachelor's degree: at least sixty (60) semester credit hours of academic credit and at least 50% of the courses and credits required in the designated major program; and,
- For the associate's degree: at least thirty (30) semester hours of academic credit and at least 50% of the courses and credits required in the designated major program.

King's College will award a second baccalaureate degree to holders of a bachelor's degree from another college provided that the residency and specific degree requirements have been met. Additional transfer credits in the major (beyond the 50% limit) may be transferred as electives. The various academic departments determine the acceptability of transfer courses outside the Core curriculum that belong to their respective disciplines. The Registrar, under the direction of the departments, will make the day-to-day decisions based on the known preference of these departments.

The Registrar, in consultation with the Associate Vice President for Enrollment and Academic Services, will determine the acceptability of transfer courses in the Core curriculum, including free electives.

Admission of Part-Time Students and Non-traditional Adult Learners:

Students who wish to pursue courses on a part-time basis should contact the Center for Lifelong Learning. The Center serves both undergraduate degree candidates for both the bachelor and associate degrees, as well as for certificate programs and for non-degree (special) students.

Admission of Disabled Students:

Disabled persons are considered for admission in the same manner as any other applicant. Admission to King's College is based solely on academic qualifications. Neither the nature of the disability nor the severity of the disability is used as criteria for admission.

Readmission:

A former King's student who wishes to re-enroll after having withdrawn, should apply for readmission in writing to the Registrar.

Veterans:

King's College is approved for the education and training of veterans of the Armed Services. Veterans who have completed four years of high school or who have attained the GED diploma are encouraged to apply. Veterans can be admitted after counseling with Admissions personnel. Veterans must be officially accepted for matriculation as a condition for eligibility for benefits. Reduced schedules, early releases, credit for USAFI courses are services that are available.

Veterans who will be enrolling for the first time should contact their local Veterans' Administration Office to make application for a Certificate of Eligibility authorizing them to receive benefits while attending King's. The application should be filed at least six weeks before the Veteran plans to enter. (Veterans transferring from another institution should apply for a supplemental certificate issued for King's.) The Certificate of Eligibility (in duplicate) must be submitted to the Registrar's Office so that certification of enrollment may be forwarded for payment of benefits to the Veteran. Students who wish to arrange for advanced payments from the VA should make this known to the Registrar's Office at least six weeks prior to the beginning of the semester. The Registrar's Office serves as the liaison between the College and the Veterans' Administration.

Veterans' Affairs will be notified if and when a student does not meet the academic progress requirements. A student receiving a Veteran's benefits who is suspended is eligible for readmission only after a specifically predetermined and clearly stated time period. Only after the student has received permission to return can the financial aid package, which might include Veterans Affairs benefits, be considered.

College policy precludes a student who has been dismissed to return to King's College for any additional academic pursuits.



Financial Aid

While it is our philosophy that the student and his/her family have the primary responsibility for meeting college costs, resources from the college, federal, and state programs are available to help with the costs. We work with our students and their families to develop a financial aid package that is based on individual need and is designed to help make a quality education at King's College an affordable option.

The financial aid programs at King's College are designed to help the student supplement his/her family's contribution toward educational costs. In the 2003-2004 academic year, King's College awarded over \$27 million in scholarships, grants, loans, and work-study jobs to over 80% of our students.

As a member of Division III of the National Collegiate Athletic Association, King's College awards no athletically related financial aid.

By filing all required applications, students are considered for all of the available financial aid programs including: the federal Pell Grant, PHEAA State Grant for Pennsylvania residents (residents of other states should check with their state grant program federal campus-based programs including the federal Supplemental Educational Opportunity Grant (SEOG), federal Perkins Loan, and federal work-study, as well as need-based grants funded by King's College and the federal Stafford Loan.

Application Procedures and Requirements:

New Students:

After a candidate has completed all admission requirements and has been notified of his or her acceptance, financial aid applications will be considered. It is recommended that the financial aid applicant complete all admissions requirements at the earliest possible date. To apply for financial aid, all new students are required to complete the Free Application for Federal Student Aid (FAFSA) **and** the King's College Financial Aid Application. New students should complete both applications by our preferred filing date of **February 15** of their senior year in high school or the year prior to enrolling at King's College. The FAFSA is available in December and will be sent to the student's home address but it is also available from high school guidance offices, the Financial Aid office as well as on-line at www.fafsa.ed.gov The King's College Financial Aid Application is provided to all interested students in the King's College *Viewbook* and will also be mailed to all applicants by the Financial Aid Office. It can also be completed on-line at www.king's.edu. Click on Admissions, click on Financial Aid and then click on the link to the aid application.

Students should not wait until they are accepted to file their financial aid applications. The process of applying for aid should begin as soon after January 1st as possible and by February 15.

Upon acceptance by the College and receipt of both required financial aid applications, the Financial Aid Office will review all applicants' eligibility for need-based financial aid programs. Beginning in March, the Financial Aid Office will send notifications to applicants of their eligibility. The process will continue as students are accepted and financial aid applications are received.

Continuing Students:

All students who are receiving any type of need-based financial aid including the federal Pell Grant, PHEAA State Grant, SEOG, Perkins, work-study, King's Grant, or federal Stafford Loan are required to reapply for financial aid each year. A Renewal FAFSA will be sent to the student's home address in December. Students returning to King's College in the following year should file their FAFSA by the priority deadline date of **March 15**. Anyone who does not receive a Renewal FAFSA should contact the Financial Aid Office. The FAFSA can also be filed electronically at www.fafsa.ed.gov.

Eligibility for federal and state need-based programs is re-evaluated annually based upon the FAFSA data. King's Grants and Scholarships are renewed annually provided the student meets the enrollment and academic progress requirements for continued receipt of these awards.

King's Scholarships:

Presidential Scholarships — renewable, merit-based full-tuition scholarships. To be considered for this highly competitive scholarship, students must be in the top 5% of high school class with 1250 minimum SAT or 28 ACT and 3.5 GPA. Students must be accepted for admission by February 1st and an on-campus interview is required. Extracurricular activities and exemplary personal qualities are also taken into consideration. The amount of the scholarship will be combined with the federal Pell Grant and/or any state grant to equal the cost of tuition annually. To remain eligible, students must maintain a minimum 3.25 GPA and complete a minimum of 80% of credits attempted.

Moreau Scholarships — renewable, merit-based, partial tuition scholarships. Awarded to students in top 15% of high school class with minimum SAT of 1100 and 3.0 GPA. Recipients must maintain a minimum GPA of 3.0 and complete a minimum of 80% of credits attempted to continue receipt. The amount of the scholarship will be combined with the federal Pell Grant and/or any state grant to equal the cost of tuition annually. Named for Very Reverend Basil Anthony Moreau, C.S.C, founder of the Holy Cross Fathers and Brothers (C.S.C). Father Moreau spent his entire life in the service of humanity and the Lord. He was a teacher, healer, leader and servant. The Moreau Scholarship honors this man of scholarship, dynamic vision and sanctity.

Christi Regis Scholarships — renewable, merit-based partial-tuition scholarships. Awarded to students in top 25% of high school class with minimum SAT of 1050 and 3.0 GPA. Recipients must maintain a minimum 3.0 GPA and complete a minimum of 80% of credits attempted to continue receipt. The amount of the scholarship will be combined with the federal Pell Grant and/or any state grant to equal the cost of tuition annually.

DePrizio Award — renewable, merit-based partial tuition awards. Awarded to students who have demonstrated academic achievement in a full academic (college preparatory) program on the secondary level and who exhibit exemplary extra-curricular performance and personal qualities. To remain eligible, students must maintain a minimum 2.0 GPA and complete a minimum of 80% of credits attempted.

Diversity Award — need-based, renewable award. This need-based grant is awarded to qualified first-year multicultural applicants. To remain eligible, students must maintain a minimum 2.0 GPA and complete a minimum of 80% of credits attempted.

King's Grant — renewable, need-based award. Awarded to students who demonstrate financial need and who are not eligible for merit-based awards. To remain eligible, students must maintain a minimum 2.0 GPA and complete a minimum of 80% of credits attempted.

Sibling Grant — King's College provides grant assistance to siblings concurrently enrolled on a full-time basis as undergraduates during any given Fall or Spring semester. Sibling is defined as two or more persons who are for financial aid purposes determined to be financially dependent upon at least one common parent and who reside with the parent(s). The discount is a 10% tuition discount to each student after all scholarship and grant aid is deducted. The award is renewable annually as long as two or more siblings continue to be concurrently enrolled. The award is terminated when siblings are no longer enrolled; and, in the case where a sibling withdraws during a semester the award will terminate upon the completion of that semester.

ROTC Scholarships:

Army ROTC Scholarships — Two, three and four-year scholarships are available for full-time students enrolled at King's college. Scholarship benefits award up to \$17,000 per year for tuition, \$600 for books and a monthly stipend ranging from \$2,500 per year for freshmen to \$4,000 per year for seniors. For additional information or a scholarship application contact King's College Department of Military Science at 570-208-5900 ext 5305 or toll-free 1-800-USA-ROTC or visit the ROTC web page at <http://www-rotc.monroe.army.mil/scholarships> / for on-line registration.

Air Force ROTC Scholarships — The U.S. Air Force offers many full and partial tuition scholarships to qualified King's students enrolled in AFROTC. All scholarships are based on merit. For additional information, contact the AFROTC at www.rotc.af.mil or call the AFROTC program at 800-945-5378.

College-Based Employment Opportunities:

Work Study Programs:

Through funds from the Federal Government, students are employed by non-profit organizations off-campus, and by departments and administrative offices on-campus. Information and applications are available in the Financial Aid Office. Eligible students must apply for and interview for the student-aid positions on campus. Students are paid by check on a bi-weekly basis. Eligible students are encouraged to participate in community service positions in the local area.

Part-Time Employment:

The College has a work program which is funded completely by the College. There are a number of available part-time jobs for students in the library, in tutoring, various administrative offices, and in the maintenance and buildings and grounds departments. Students employed on a part-time basis are paid an hourly wage and receive checks bi-weekly. The number of hours students may work is restricted according to a student's program of study and a student's class schedule.

Student Editor Aid:

The editors of *The Crown* and *The Regis*, and the radio station manager of WRKC-FM are eligible, in accordance with the general regulations on financial assistance, for grants-in-aid.

Academic Progress Policy with Regard to Financial Assistance:

In order for students to receive federal, state and institutional funds, they must be meeting satisfactory academic progress standards as required by federal regulation. Satisfactory academic progress standards measure students' quantitative (credit completion) and qualitative (cumulative G.P.A.) progress toward completion of their degree or program. These standards are applied uniformly to all students when determining eligibility for federal and/or College funds regardless of whether the student previously received these funds. King's College academic progress standards measure a student's progress during the fall and spring semester.

The maximum time frame for completion of a degree program is 150% of the academic credits required for a student to complete his/her degree or certificate program. For an incoming first level student this maximum time frame is 180 academic credits (150% of 120 credits required for degree completion). The maximum time frame calculation for transfer students would be determined by multiplying the difference between 120 credits and the number of academic credits accepted in transfer by 150%. Courses for which students receive academic credit, withdraw, and/or receive incomplete or repeated grades, are counted in the 150% maximum time frame.

Quantitative Requirement — Credit Completion:

The quantitative requirement, which applies to full-time and part-time students, requires students to complete a minimum of 80% of their total attempted credits in order to receive federal and/or institutional funds. Courses for which students receive academic credit, withdraw, received incomplete or repeat grades, are counted in the calculation of the 80% requirement.

PHEAA State Grant recipients are subject to academic progress requirements mandated by PHEAA. Students who receive PHEAA State Grants for full-time enrollment must complete a minimum of 24 credits for every two terms of state grant assistance. Students who receive PHEAA Grants for part-time enrollment must complete a minimum of 12 credits for every two terms of state grant assistance.

Qualitative Requirement — Cumulative Grade Point Average:

The qualitative requirement for receipt of financial aid is a minimum cumulative grade point average of 2.0 for all students. This requirement is in addition to the quan-

titative standard. After two calendar years of enrollment at King's College, all students must maintain a minimum cumulative G.P.A. of 2.0 in order to receive federal funds. No probationary terms will be granted for continued receipt of federal funds after 2 years of enrollment at King's.

Academic Progress Review:

The quantitative (credit) academic progress requirement is reviewed at the end of each fall and spring semester. Students who are found deficient in meeting the minimum 80% requirement at the end of the fall are notified of their standing and given until the end of the spring semester to correct their deficiency. Students who are found deficient in meeting the minimum 80% requirement at the end of the spring semester are notified of their ineligibility to receive further financial aid until the deficiency is corrected. Correcting the credit deficiency is at the student's own expense and without the benefit of any probationary term. Summer sessions can be used to meet the 80% requirement. Courses taken at another college can be used to meet the quantitative requirement only if they have the approval of the King's College Registrar and are accepted as transfer credits. Once the student meets the 80% requirement, it is the student's responsibility to request reinstatement from the Director of Financial Aid. The request should be made only after any transfer credits have been officially recorded on the student's academic transcript.

The qualitative (G.P.A.) academic progress requirement is reviewed at the end of each fall and spring semester. Warning letters will be sent to students receiving federal and/or King's College aid and who have not met the 2.0 minimum cumulative G.P.A. requirement. Students are allowed a probationary semester to bring their G.P.A. up to the required minimum. At the end of four semesters or two years of enrollment, all students must maintain a minimum G.P.A. of 2.0 in order to receive federal funds. No probationary semesters will be granted for continued receipt of federal funds after 2 years of enrollment.

Cancellation of Aid:

If a student's aid is cancelled for academic progress reasons, the student will be notified in writing informing him/her of the cancellation as well as requirements for reinstatement and procedures for appeal.

Reinstatement of Aid:

When the student has reestablished his/her academic progress or demonstrated a significant improvement in progress, financial aid eligibility may be reinstated. It is the student's responsibility to notify the Director of Financial Aid in writing when credit and/or G.P.A. deficiencies have been corrected. Reinstatement will be dependent upon the availability of funds.

Credits taken during the summer at another institution must have the approval of the King's College Registrar in order for them to be accepted as transfer credits. If approved, these credits may be used in determining the student's academic progress for that particular year. However, credits transferred to King's College will be used only to determine the quantitative or 80% academic progress requirement. G.P.A. deficiencies are not impacted by transfer credits because King's College only accepts the transfer credit not the grade. Therefore, students who are not meeting the quantitative or 2.0 G.P.A. requirement can only correct their deficiency by courses taken at King's College.

Appeals:

Students who fail to meet academic progress requirements are allowed to appeal the cancellation of aid if extenuating circumstances were contributing factors to their failure. All appeals must be made in writing to the Director of Financial Aid and must explain the situation along with a request for reinstatement. Letters of appeal should include any applicable documentation.

Waivers:

The Director of Financial Aid will review each appeal and may determine, based upon individual circumstance, that an exception may be made to the stated academic progress requirements. Waivers will be dependent upon the individual's extenuating circumstances and improved academic performance.

Coursework and Academic Progress:

The following explains how courses or grades are used in the measurement of academic progress:

Audited Courses — Audited courses are not counted when measuring quantitative or qualitative standards. They are not counted in enrollment status when awarding aid.

Repeated Courses — Repeated courses are counted when measuring quantitative (credits) requirements and in enrollment status when awarding aid.

Incomplete Grades:

A grade of incomplete is not a successfully completed course and is not counted as an earned credit when measuring the quantitative requirement. Before it can be counted as a credit correcting any deficiency, it must be successfully completed. A completed grade that corrects a G.P.A. deficiency will be used to satisfy the qualitative (G.P.A.) requirement. A completed grade that causes the student to fall below the minimum G.P.A. requirement will impact eligibility.

Withdrawal Grades — Students who withdraw from a course and receive a grade of "W" do not earn credits for the course. Quantitative requirements may be impacted when no credits are earned.

Advanced Placement — No aid is granted for Advanced Placement coursework and AP credits are not counted when determining academic progress.

Study Abroad/Transfer Credits - Credits earned at another approved institution will be used when determining the student's number of credits earned but only when they are officially recorded on the King's College transcript. Grades from these courses will not affect the student's G.P.A. at King's College.

Reinstatement of Financial Assistance Due to Withdrawal from College:

Often, students who withdraw or who are suspended return to the College to resume their academic program after a period of non-enrollment. These students are subject to the same regulations regarding the quantitative and qualitative standards at the time of their readmission. Generally, a student who withdraws during the fall semester may return and receive federal, state and institutional financial assistance for the following

spring semester with the understanding that the 80% quantitative requirement will be met upon completion of the summer session following that spring semester. The student would not be eligible to receive financial assistance for the summer session. Students who withdraw during the spring semester are allowed the opportunity to make up any credits lost due to withdrawal by attending the subsequent summer session at their own expense.

It must be emphasized that students who are suspended for academic reasons or who are on academic probation are subject to the restrictions placed upon them by the Committee on Academic Standing and as a result may not be eligible for federal Title IV financial assistance upon readmission until such time as they meet the federal qualitative and quantitative requirements. Students returning to the College after a period of non-enrollment are encouraged to meet with the College Financial Aid staff to review the quantitative and qualitative requirements prior to their admission.

Refund of Federal Title IV Assistance Due to Withdrawal from College:

Since every college has expenses of a continuing nature, it is understood that the student is registered for the entire semester. Students who withdraw from the College during the semester are entitled to an adjustment of tuition charges according to the refund schedule listed. Refund of board charges for resident students are determined on a prorated basis throughout the semester. With the exception of tuition and board, no refund is made on any other fees after classes have commenced. The date of withdrawal will be the date the student begins the withdrawal process (see Catalog for Withdrawal Policy) unless there is documentation of class attendance beyond that date. For the student who does not begin the College's withdrawal process or does not notify the College of the intent to withdraw due to illness, grievous personal loss, or other such circumstances beyond the student's control, the College may then determine the appropriate withdrawal date.

Return of Title IV Funds:

In addition to charges, financial aid received by students who withdraw may also be adjusted. If a student is receiving federal financial aid (Pell Grant, Supplemental Educational Opportunity Grant, Perkins Loan, Stafford Loan, or PLUS Loan) and withdraws during the first 60% of the semester, aid will be adjusted based on the percentage of the semester completed prior to the withdrawal. Using the student's withdrawal date, the Financial Aid Office will calculate the percent of the semester completed by dividing the number of calendar days in the semester (excluding breaks of 5 days or more) into the number of days completed prior to withdrawal.

The resulting percentage is the percent of aid the student is allowed to retain or the percentage of Title IV aid earned. Upon determining the amount of aid to be retained and returned, unearned federal funds will be returned in the following order:

- Unsubsidized Stafford Loan
- Subsidized Stafford Loan
- PLUS Loan
- Perkins Loan
- Pell Grant
- Supplemental Educational Opportunity Grant (SEOG)

PHEAA State Grant Funds:

PHEAA State Grants and other state grants will be adjusted according to state grant program guidelines. It is expected that PHEAA Grant funds will be reduced by the same tuition percentage adjustment applied to the student's account upon withdrawal.

King's College grant and scholarship funds will be reduced by the same tuition percentage adjustment applied to the student's account upon withdrawal.

Any refunds of financial aid received by students prior to their withdrawal may be subject to repayment to federal financial aid programs. If this occurs, students will be notified by the Financial Aid Office and will be given 30 days to repay the funds to the College. Failure to return the unearned portion of federal financial aid refunded to a student will result in the student's ineligibility for continued receipt of federal financial aid until repayment is made.

Consortium Agreements for Study Abroad/Internships:

Two types of study abroad programs are available at King's College. King's College has an agreement with three approved agencies, Webster University, London Internship and Washington Internship, that allows students to earn King's credits while studying abroad. King's College will process student's eligibility for federal and state aid based on King's costs. Eligibility for institutional aid will be determined on an individual basis. Students who participate in other study abroad programs may be eligible to receive federal and/or state aid provided it is an approved program and a consortium agreement is executed between that institution and King's College. No aid can be processed until the student has secured all of the necessary information from the host institution. In these cases, King's College will process federal and state financial aid as the degree-granting, home institution. Students contemplating enrollment in a study abroad or internship program must contact the Financial Aid Office for details specific to their educational program. It is recommended that students contemplating a study abroad program contact the Financial Aid Office at least 90 days before their program begins.

Act 101 Program

Mrs. Donna Dickinson, Associate Director

ACT 101 is a structured program of tutoring, counseling, financial assistance, and advisement, designed by the Commonwealth of Pennsylvania to assist highly motivated students who show the potential to succeed in college. Residents of Pennsylvania whose resources for higher education are limited and whose past scholastic record does not realistically reflect a potential and/or motivation for academic success will be considered for the program. In addition, transfer students and adults returning to college after a long absence from the educational system will find ACT 101 a valuable resource.

It should be noted that students with disabilities are eligible to receive ACT 101 services regardless of residence or income.*

In order to provide students with a solid foundation for their college experiences, ACT 101 offers a tuition-free five week summer program to incoming first year and transfer students. The student is introduced to the rigors of college in a more relaxed and personal atmosphere while earning three to seven credits applicable toward the Core

curriculum requirement. Workshops, small group interaction, and cultural activities are also part of the summer program.

Financial assistance in the form of a King's College grant is available to ACT 101 students, contingent upon eligibility, as determined by the Financial Aid Office.

Students who have established residency in Pennsylvania and feel they may be eligible for the program, as well as disabled students, are encouraged to contact the ACT 101 office at (570) 208-6078.

**These services are made possible through matching College funds.*



Expenses

Every student attending King's College is the recipient of a reduction in fees since tuition covers only a part of the cost of the educational program. This reduction is made possible by the services contributed to the College by the Holy Cross Fathers and Brothers, and by gifts from Alumni and interested friends of the College.

Tuition

The tuition fee listed in the following paragraphs is for the academic year 2004-2005.

The College charges a basic tuition fee of \$9,630 per semester for students with a standard course load of four to five courses consisting of 12 to 17 credits. Students permitted to carry more than the standard course load will be charged \$473 per credit for the additional course(s)/credit hours. The tuition fee covers registration, instruction, use of library and counseling facilities. In addition to the basic tuition fee, there is a comprehensive college fee of \$425 per semester for full-time students. This fee supports student activities as well as the use of college computer facilities.

Students carrying fewer than twelve hours of credit are considered part-time and charged \$473 per credit hour instead of the basic tuition fee. Also, part-time students do not pay a college fee, but may do so should they desire to receive the benefits supported by this fee.

Tuition for the Physician Assistant program is \$24,010, which covers instruction and training for a full twelve months. Tuition for the clinical year of the Medical Technology program is \$8,400.

As an indication of their intention to attend King's College, new applicants are asked to make an acceptance deposit within three weeks of their acceptance, but are specifically required to have the acceptance deposit submitted by **May 1st for September enrollment or December 15th for January enrollment**. The amount of the deposit is as follows:

- For undergraduate students..... \$100
- For students in the Physician Assistant Program \$300
- For international students \$500

These acceptance deposits are not refundable, but are applied against the tuition fee in the initial semester of attendance.

Residence Life:

Holy Cross Hall, Esseff Hall, and Luksic Hall Room Fee:

Two room plans are available to resident students. Accommodations for a double room cost \$1,930 per semester. A limited number of private rooms are available at \$2,350 per semester.

Freshman and sophomore students who are under the age of 21 and who do not reside in the home of their parents/guardians must reside in a college residence hall. Junior and senior students may live off-campus.

Rooms are furnished with bed, mattress, chair, desk, dresser, and a closet for each student. Blankets and pillows are to be furnished by the student. Sheets, pillowcases, and towels are supplied weekly by the College. A local laundry has a representative on campus and offers a convenient and economical plan for personal laundry.

In order to reserve a room, all students, both new and continuing, must pay a damage deposit fee of \$200. This damage deposit does not appear on the students account. At the end of the residency, any assessed damages will be deducted from the damage deposit and the balance will be refunded to the student. Information regarding the damage deposit is in the Student Housing, Contract.

Student housing contracts are issued by the Office of Residence Life. When reserving a room, the student must return to the Office of Residence Life his/her signed contract, housing registration form, along with a check covering the \$200 damage deposit. The contract materials along with the room damage deposit must be submitted prior to the student residing in a residence hall.

Complete information relating to the damage deposit and the cancellation of the Contract for Student Housing is in the contract itself.

To receive preference in room assignments and roommates, students must adhere to the deadlines established by the Office of Residence Life.

Alumni Hall, Leo F. Flood Hall and John Lane House Apartments:

The Alumni Hall, Flood Hall and Lane House Apartments are available for upper class students. Each apartment accommodates three (3) to four (4) students in private rooms in Alumni Hall or Flood Hall, and double or private rooms in Lane House. All apartments are furnished and utilities are provided except for telephone and cable TV. Maid service and linen are not included in the semester fee. The cost for each student is \$2,450 per semester in Alumni Hall and Flood Hall, and \$2,165 per semester in Lane House. Apartments are selected through a lottery process each spring. The advance security deposit to reserve a room is \$200. This deposit also serves as the damage deposit. Complete information relating to the damage deposit and the cancellation of the Student Apartment Housing Agreement is in the agreement itself.

Student Health Center:

A \$115 per semester S.H.C. fee is charged to all resident students. This fee entitles resident students to the services of the College Student Health Center. This fee is optional for commuting students.

Physically Challenged Students:

A physically challenged student who needs a personal attendant to assist in the activities of daily living is permitted to have an attendant. If the student lives in College housing, the student must notify the Office of Residence Life of the needs for an attendant. In some cases, dependent upon need and space, private rooms will be given to those students. Special effort will be made in assigning roommates and rooms for challenged students. Salaries for live-in attendants are determined by mutual agreement. The challenged student may wish to contact his/her sponsoring agency to determine if funds are available for use. The college is not responsible for finding, training or employing attendants. Although it is the student's responsibility to contact prospective attendants and to employ an attendant, the College will assist the student in identifying potential attendants.

Food Service:

Students residing in any of the three College residence halls must participate in one of the following four meal plans: **Constant Pass Plus, 19-Meal Plan, 15-Meal Plan Plus, or 15-Meal Plan**. No meal preparation is permitted in the residence halls. Arrangements for medical diets can be made with the Director of Food Services.

Esseff Hall/Holy Cross Hall/Luksic Hall Resident Students:

Constant Pass Plus

This meal plan allows you to eat as many meals as you wish during the week. If you want to have lunch at 11:00 AM and again at 2:30 PM you may do so with this plan. All meals must be eaten in the Marketplace (2nd floor Sheehy-Farmer Campus Center). There are no equivalencies offered with this plan, but you do receive \$150 of Flex per semester to use at either Connerton's Cafe or the Susquehanna Room. Cost is \$2,195 per semester.

19-Meal Plan

This plan offers 19 meals per week for use seven days a week. One meal may be used during each meal period at the Marketplace, Connerton's Café. Cost Is \$2,195 per semester.

15-Meal Plan Plus

This plan offers 15 meals per week for use Monday-Friday. One meal may be used during a meal period at the Marketplace, Connerton's Café, or the Susquehanna Room. In addition, you will receive \$100 of Flex per semester to be used at any Dining Service location. Cost is \$2,195 per semester.

15-Meal Plan

This plan offers 15 meals per week for use Monday-Friday. One meal may be used during a meal period at the Marketplace, Connerton's Café, or the Susquehanna Room. Cost is \$2,075 per semester.

Commuter/Off-Campus/Lane House/Flood Hall/Alumni Hall Students:

In addition to the plans listed above, you may choose from the following additional plans:

- *12-Meal Plan* — This plan offers 12 meals per week for use seven days a week. One meal may be used during each meal period. Cost is \$1,755 per semester.
- *7-Meal Plan* — This plan offers 7 meals per week for use seven days a week. One meal may be used during each meal period. Cost is \$1,185 per semester.
- *5-Meal Plan* — This plan offers 5 meals per week to be used at either breakfast or lunch Monday-Friday. Cost is \$570 per semester.
- *20-Block Plan* — This plan offers 20 meals per semester that can be used whenever you want during any of the meal periods. This plan may be purchased as many times as you wish during the semester. Cost is \$170 per semester.

Meal contracts are in force on all class and examination days as stated in the Student Handbook. These meals are served in the Student Dining Room on the second floor of the Sheehy-Farmer Campus Center. For the convenience of commuting and resident students, the following facilities are available: The Susquehanna Room is located on the lower level of the Administration Building. The Snack Bar there offers a full service cafeteria including sandwiches, hot entrees at noon, and a complete line of hot and cold snacks. A full, quick-service menu is also available from Connerton's Café on the lower level of the Sheehy-Farmer Campus Center.

Student Insurance:

To help students finance unexpected medical bills, the College offers a plan of student health insurance through the Eastern Insurance Group. This plan is voluntary for commuting students; however, resident students are required to participate in this plan or to carry some other form of acceptable health coverage to protect themselves while living on campus. Students covered by their parents' Blue Cross/Blue Shield or similar plans must submit proof of coverage to the College Student Health Center to fulfill this requirement.

The E.I.G. coverage with the College is issued on an annual basis with coverage being effective from September 1 through the following August 31st. The plan is offered by the College because of the importance of the protection; and, as a service to our students and their parents.

Incidental and Special Fees:

Application fee (non-refundable)	\$30
<i>Audit fees:</i>	
Undergraduate, <i>per credit hour</i>	\$236
Graduate Division	\$295
Alumni, <i>per credit hour</i>	\$158
Baccalaureate alumni & spouses tuition, part-time undergraduate courses only, <i>per credit hour</i>	\$315
Books (purchased at the Bookstore at registration) <i>estimate per year</i>	\$700
First Year Academic Studies Program, <i>per semester</i>	\$1,300
Gateway evaluation fee	\$60
Graduation fee (for each degree earned)	\$150
Graduate Program tuition, <i>per credit hour</i>	\$590

Laboratory fees:

Biology, <i>per semester, per course</i>	\$145 to \$170
Chemistry, <i>per semester, per course</i>	\$145 to \$180
Communications, <i>per semester, per course</i>	\$100 to \$140
Photography, <i>per semester, per course</i>	\$135 to \$160
Physics, <i>per semester, per course</i>	\$145 to \$160
Science laboratory breakage deposit, <i>per course</i> (any balance is refunded)	\$25
Sports Medicine	\$125
Late payment fee, <i>per semester</i>	\$100
Late registration fee, <i>per semester</i>	\$50

Orientation fee:

New Students	\$150
Transfer Students	\$70
Reserved parking fee, <i>per semester</i> (non-refundable)	\$75
Student Health Center fee, <i>per visit</i>	\$15
Student Teaching fee	\$230
Theatre, <i>per semester, per course</i>	\$115 to \$125
Transcript of record, <i>per copy (first copy free)</i>	\$7
Tutorial fee, <i>per credit</i> *	\$625

**Tutorials are individualized formal courses of instruction, which should not be confused with the tutoring services available, free of charge via the Academic Skills Center. Tutorials must be paid in full before the course begins. The College reserves the right to make changes/corrections in tuition and other charges at any time without prior notice.*

Payment:

Tuition, room and board, and all other fees are due and payable in full prior to, and as a condition for, registration for all students not enrolled in an approved monthly payment plan. Students paying semester charges in monthly installments must have payment plan arrangements completed prior to registration. Billing statements are mailed in the student's name to the home address. It is the student's responsibility to report any change of name or address to the Registrar's Office. A late payment fee of \$100.00 will be charged per semester, to all accounts with an unpaid balance not covered by an approved payment plan or pending financial aid. Financial arrangements may only be made with the Director of Student Accounts or the Bursar.

The College reserves the right, in those instances where a student is deemed to be in serious violation of college policy, to initiate cancellation of the student's registration. If such cancellation occurs after the semester begins, tuition charges, room & board, and financial aid will be adjusted accordingly, and a grade of AW (Administrative Withdrawal) will be entered on the student's transcript record.

A satisfactory settlement of all college accounts is required before registration for the next semester is cleared, grades are released, or degrees conferred. Likewise, no request for transcripts of record, recommendations, or other information concerning academic records will be honored unless a student's account is settled in full.

Refunds:

Course Drop/Withdrawal

Full-Time Students:

If a full-time student drops a course **after** the second week of classes, causing the schedule to drop below 12 credits, the student will be considered full-time for the entire semester. No refund is due for the dropped course, nor can the student's status be changed from full-time to part-time. *See Academic Regulations for additional information on Drop/Add policies.*

Part-Time Students:

The tuition refund for part-time students is calculated on a pro-rata basis, according to the refund schedule established by the Center for Lifelong Learning. There is no refund on audit withdrawal.

NOTE: *In most cases, a change in status, from either full-time to part-time, or part-time to full-time will affect financial aid*

Withdrawal from College:

Since every college has many expenses of a continuing nature associated with each student's attendance, it is understood the student is registered for the entire semester and responsible for tuition and fees incurred. However, if a student withdraws from the College before the dates listed below, he/she will receive a tuition refund according to the schedule listed. The last day of class attendance, as indicated on the completed exit interview with the Center for Academic Advisement, is considered as the official date of withdrawal in all instances.

Fall Semester: (August 30 start date)

Withdrawal from the College on or before September 3, 2004	100%
Withdrawal from the College on or before September 17, 2004	80%
Withdrawal from the College on or before October 1, 2004	65%
Withdrawal from the College on or before October 15, 2004	50%
No refund is made after seven weeks.	

Spring Semester: (January 17 start date)

Withdrawal from the College on or before January 21, 2005	100%
Withdrawal from the College on or before February 4, 2005	80%
Withdrawal from the College on or before February 18, 2005	65%
Withdrawal from the College on or before March 4, 2005	50%
<i>No refund is made after seven weeks.</i>	

Rooms in the student residence halls are rented for the semester and there is no refund of room charges in case of withdrawal after classes have commenced. Refund of board fees is determined on a pro rata basis throughout the semester.

With the exception of tuition and board, no refund is made on any other fees after classes have commenced.

The College endeavors to treat all students fairly and consistently in all cases of refunds; however, it is recognized that in rare instances individual circumstances may warrant exceptions from published policy. In these cases, the parent or student should write to the Vice President for Business Affairs detailing the reasons why special consideration should be given in their case.

Credit Balances:

Students whose accounts reflect a credit balance created solely by the following financial assistance may not receive a refund until after the first week of the semester:

Federal Pell Grant, Federal SEOG, Federal Perkins Loan, PHEAA Grant, King's Scholarship or Grant In Aid, Private Scholarship.

Students whose account reflects a credit balance created by Stafford loan proceeds may request a refund within three (3) business days after the credit balance occurs. All other refunds will be processed within five (5) business days after the request date.

The College reserves the right to extend timing on refunds due to circumstances beyond its control.

The Curriculum





Liberal Learning at King's

A Statement of Purpose

As affirmed in its Mission Statement, King's College is committed to offering its students an education that prepares them for a purposeful life, that makes explicit the human values inherent in a broadly based curriculum, and that actively encourages the religious and moral as well as the personal and social development of its students. More specifically, King's College seeks to:

- develop in students the fundamental thinking and communication skills required of every educated person;
- convey to students knowledge of the humanities, social sciences, and natural sciences;
- give students an understanding of how the various disciplines differ, how they are related, and how these distinct perspectives enrich our lives;
- endow students with a respect for their culture and the cultures of others;
- provide students with traditional academic and pre-professional major programs of study that build upon the foundational courses of the Core Curriculum;
- engage students in the philosophical and theological dimensions of an examined life;
- cultivate students' capacity and desire for independent and continuing learning;
- lead students to recognize their personal worth and to develop a sense of purpose and a willingness to assume responsibility for their own lives and decisions;
- encourage students to examine their own religious and moral convictions so that they may discover appropriate ways of attaining personal fulfillment and of improving the quality of life in society at large.

Many factors contribute to the attainment of these goals—the explicit and implicit content of courses in many different disciplines, the various teaching/learning strategies employed by instructors, the effectiveness of advisement and counseling, the impact of co-curricular activities, the quality of facilities and the intellectual, social, and spiritual atmosphere of the College. The faculty, staff, and administration work to see that these ingredients combine to the advantage of the student.

King's College recognizes that the student is the most important ingredient in his or her own education. What a student takes away from King's is, in large part, dependent

on the talents, experience, and aspirations he or she brings to King's. In light of the intensely personal nature of education, King's strives to give each student the kind of individual attention needed to provide the student with the greatest opportunity for growth.

While a person with a genuine liberal education values that education for its own sake, such an education is a particularly good preparation for life and work in an unforeseeable future. A liberal education provides much more than mere technical training. It provides thinking, communication, and problem-solving skills that maintain their worth even if graduates change careers or their careers themselves change. The liberally educated person prepared for and inclined toward lifelong learning, can deal imaginatively with new situations and is open to change.



The Core Curriculum

The Core Curriculum at King's College is that portion of the curriculum in which all students participate, no matter what their major. It is, as its name implies, central to all undergraduate degrees at King's College. It lays the foundation for a liberal education that will be reinforced in the major program and continued throughout life. Core courses comprise a common educational experience that seeks to: develop a community of learners; to provide opportunities for enlarging and deepening the classroom experience through the sharing of viewpoints and ideas; and encourages a spirit of collegiality in the pursuit, discovery, and transmission of that knowledge and truth essential to intellectual growth, moral maturity, and personal fulfillment.

Core courses are broadly based so that fundamental human issues and problems are approached from diverse viewpoints represented by a variety of disciplines. This emphasis on breadth offers students the opportunity to become familiar with differing methodologies and to see the unity of knowledge rather than viewing it as unrelated bits of information.

The coherence and integrity of knowledge is also made evident by the structure of the Core Curriculum. The required Core courses are divided into nine categories. Several categories mandate sequencing of courses, thus providing greater depth than would be possible in many general education programs. Each category has clear and specific liberal learning goals and objectives for all courses within it. These goals and objectives include numerous connections between categories.

The Core Curriculum focuses in a deliberate and systematic manner on the following skills of liberal learning: Critical Thinking, Effective Writing, Effective Oral Communication, Information Literacy, Technology Competency, Quantitative Reasoning, and Moral Reasoning. Core courses initiate the college-level development of these skills, which are further refined in courses required in major programs. The Comprehensive Assessment Program, described below, works with the Core and major curricula to encourage students to see learning as cumulative, integrated and transferable.

The Comprehensive Assessment Program:

The primary aim of assessment at King's College is to enhance student learning by an improvement-oriented rather than comparison-oriented program. We ask:

- What should students know?
- How well are they learning it?
- How does the Institution know?

In *Characteristics of Excellence in Higher Education* (2002), the Middle States Commission of Higher Education observes that assessment has the student as its primary focus, functions to help students improve their learning, enhances quality, and leads to continuous improvement in academic programs.

As a member of the Middle States Association, King's College recognizes these principles as an integral part of its own framework for assessment. In fact, the framework insists that outcomes assessment take the improvement of teaching and learning as its primary goal. The King's College comprehensive assessment program endeavors to pursue this goal both by heightening student awareness of their intellectual development, and by encouraging faculty to provide a more effective instruction to work in an integrated learning experience.

Assessment is primarily course-embedded and provides students with clearly defined expectations, personalized feedback on growth, and timely indications of areas needing extra attention. At the same time, faculty obtain the information needed to identify and respond to the strengths and weaknesses of individual students, of teaching/learning strategies, and of curricula. Finally, the assessment program assists faculty to create an integrated plan for cumulative learning. It is in these ways that assessment contributes to the enhancement of student learning.

The subtleties and complexities of the learning process make its effectiveness inherently difficult to measure. While students learn under a teacher's direction, they also learn beyond the parameters of a syllabus, the assimilation of information, or the acquisition of skills. At King's College all assessments (other than placement exams) are designed by faculty to be administered and evaluated within individual courses. For assessment to have a significant impact on the enhancement of learning it must take place in the learning environment; and, it must be in the hands of those who assess-the faculty. Freedom to exercise creativity, professional judgment, and specific expertise, individually or collectively, is of pre-eminent importance in the creation, application and analysis of assessment strategies.

The following assessments represent components of the Comprehensive Assessment Program that occur within the Core Curriculum, and at critical junctures in the major, to ensure that students are combining learning in the major with learning in the Core.

Placement Tests:

Placement tests are administered to incoming students for the purpose of assigning them to appropriate courses in Critical Thinking, Effective Writing, and Quantitative Reasoning.

Course-Specific Assessment in the Core Curriculum:

In the Core Curriculum, faculty, working individually or collegially, design exercises to understand how well students think and communicate within a discipline. These may be administered at the beginning and at the end of Core courses. Specific assignments within the context of courses may also be used for assessment purposes.

Competency Growth Plans for the Transferable Skills of Liberal Learning:

Each department or program defines each transferable skill (Critical Thinking, Effective Writing, Effective Oral Communication, Information Literacy, and Technology

Competency) within the context of the major and then divides the skill into specific competencies for students to develop from the freshman year through the senior year in both Core and major courses. Each plan includes a definition of each competency, an indication of courses and assignments designed to help students develop the competence, and specific criteria faculty and students use to gauge the quality of student performance. These plans are guides for the faculty; students see them translated into syllabi and instructions for assignments within courses.

The Sophomore-Junior Diagnostic Project:

Each department or program designs a screening exercise, usually conducted within a required sophomore or junior course for the major, to determine each student's ability to transfer critical thinking and effective communication (writing and speaking) to an appropriate project related to the major field of study. Faculty interact with students throughout the project and share results with them. If the proper level of skill is not apparent, the student is referred to an appropriate office (such as the Academic Skills Center) for assistance. The process also evaluates the student's likelihood of success in the major.

The Senior Integrated Assessment:

Each department or program designs an exercise, usually in the context of a required senior course, a capstone seminar, or a project, to allow the faculty and student to examine the latter's success in integrating learning in the major with advanced levels of the transferable skills of liberal learning.



Curriculum & Descriptions

King's College Core Curriculum

A student must earn a minimum of 120 credit hours to be awarded the baccalaureate degree. The number of credit hours required for graduation may be higher in certain major programs or if the student elects to pursue a second major.

The requirements of the Core Curriculum represent 54 credit hours. Beyond the requirements of the Core Curriculum and of a student's chosen major program, the balance of the credit hours required for graduation are free electives.

I. The Transferable Skills of Liberal Learning:

Thinking and Writing Skills (3 credits)

CORE 099 Thinking and Writing (*taken in the freshman year*)

Critical Thinking (3 credits)

CORE 100 Critical Thinking (*taken in the freshman year*)

Effective Writing (3 credits)

CORE 110 Effective Writing (*taken in the freshman year*)

Effective Oral Communication (3 credits)

CORE 115 Effective Oral Communication

CORE 116 Argumentation and Debate

(*taken before end of sophomore year*)

Quantitative Reasoning (3 credits)

CORE 120 Quantitative Reasoning\

(or MATH 121, 125, 126 or 129)

(*taken by the end of the sophomore year*)

It is expected that the above skills will be transferred, utilized, and developed throughout the Core Curriculum, the major program, and one's life.

II. Knowledge, Traditional Disciplines and Interdisciplinary Perspectives

Civilization: Historical Perspectives I (3 credits)

One of the following:

CORE 130 American Civilization

CORE 131 Western Civilization

Civilization: Historical Perspectives II (3 credits)

CORE 132 The Twentieth Century: A Global Perspective

Global Awareness/Foreign Cultures (3 credits)

One of the following:

CORE 140 Foreign Cultures

CORE 141 Language for Communication I

CORE 142 Language for Communication II

CORE 143 Language for Communication III

CORE 144 Language for Communication IV

CORE 145 Conversation and Composition I

CORE 146 Conversation and Composition II

Human Behavior and Social Institutions I & II (6 credits)

CORE 150 Human Behavior and Social Institutions

One of the following:

CORE 151 American Government

CORE 152 Contemporary Social Issues

CORE 153 The Principles of Economic: Macro Economics

CORE 154 Psychological Foundations

CORE 155 Women in American Society

CORE 156 Aging & American Society

Literature and the Arts I & II (6 credits)

CORE 160 Literature and the Arts

One of the following:

CORE 161 Experiencing the Fine Arts

CORE 162 Foreign Literature in English

CORE 163 Historical Perspectives in Literature

CORE 164 Literary Modes and Themes

CORE 165 Theatre Experience

Natural Sciences I & II (6 credits)

CORE 270 Natural Science

One of the following:

CORE 271 Astronomy

CORE 272 Chemistry and Mankind

CORE 273 Contemporary Biology

CORE 274 Human Biology

CORE 275 Human Genetics

CORE 276 Principles of Electronics

CORE 277 Chemistry and Industry

CORE 278 Forensic Chemistry

CORE 279 Perspectives in Natural Science

III. Informed Believing and Acting

Philosophy (6 credits)

CORE 280 Fundamentals of Philosophy

One of the following:

- CORE 281 Introduction to Logic
- CORE 282 Philosophical Themes
- CORE 283 Philosophy of Education
- CORE 284 Philosophy of Human Nature
- CORE 285 Philosophy of Death and the Meaning of Life
- CORE 286 Introduction to Philosophical Ethics
- CORE 287 Ethics, Business, and Society
- CORE 288 Bioethics
- CORE 289 Interdisciplinary Perspectives in Philosophy

Systematic Theology (3 credits)*One of the following:*

- CORE 250 Catholic Perspectives
- CORE 251 The Old Testament
- CORE 252 The New Testament
- CORE 253 Key Biblical Themes
- CORE 254 Belief and Unbelief
- CORE 255 The Church
- CORE 256 Science, Theology and Culture
- CORE 259 Topics in Systematic Theology

Moral Theology (3 credits)*One of the following:*

- CORE 260 Christian Ethics
- CORE 261 Faith, Morality, and the Person
- CORE 263 Christian Marriage
- CORE 264 Christian Social Ethics
- CORE 265 Christian Environmental Ethics
- CORE 269 Topics in Moral Theology

1. The Transferable Skills of Liberal Learning

Thinking and Writing Skills (3 credits)

Writing, reading and reasoning are essential skills for academic success. The effective reader depends on an understanding of the writer's purpose, organizational principles, and use of language. The effective writer uses organization, language, and methods of development such as description, comparison/contrast, argumentation/persuasion, and cause/effect, to communicate a purpose and a meaning to the reader. An understanding of the writing and reading process introduces the student to basic principles of reasoning and understanding. *(Since CORE 099 is a prerequisite for CORE 110, students must attain a minimum of a "C" grade in order to register for CORE 110. Students who do not meet this requirement must repeat CORE 099. In some cases CORE 099 may be waived on the basis of a placement exam.)*

CORE 099 — Thinking and Writing (3)

The course demonstrates the vital connection between well-developed reading skills and effective writing. Students use a variety of sources as both writer and reader to discover

and develop ideas. Students develop word processing competence for drafting, composing, and editing their writings. This course has four meetings per week.

Critical Thinking (3 credits)

The central tool of education is clear thinking. Whatever the discipline, whatever the field of expertise, in the presentation of any viewpoint or idea, it is essential to have good reasons for one's beliefs and to support one's views with sound arguments. Clear thinking is essential for: writing and effective communication; understanding that the need for precision and evidence is basic for reasoning as it occurs in any intellectual enterprise; perfecting the habit of demanding clarity and sound arguments develops rational self-assurance and skill for intelligently managing one's whole life; and, participating responsibly in the public realm. *(All students take CORE 100 in the freshman year.)*

CORE 100 — Critical Thinking (3 credits)

CORE 100 is an introduction to the fundamentals of good reasoning and disciplined thinking. The course aims to improve students' skills in recognizing, analyzing and evaluating arguments and claims as found in both academic settings and in everyday situations. It also seeks to enhance students' ability to formulate and present their own well-reasoned arguments by showing them how to form reasonable and well-supported beliefs and how to derive warranted conclusions from available evidence.

Effective Writing (3 credits)

The liberally educated person must be able to express ideas clearly and effectively in writing. As a creative art, writing shapes experiences into knowledge and is therefore essential to the development of the mature and socially responsible person. As a facet of effective communication, writing is also a practical art, one that society respects and regards as necessary for success in all careers and professions.

CORE 110 — Effective Writing (3 credits)

This course in college-level composition emphasizes writing clearly, effectively, and interestingly for a variety of purposes and audiences. Individual conferences, writing workshops, journal writing, and regular writing assignments encourage practice in each step of the writing process. A library unit introduces the student to the use of sources in informational writing. *(All students take CORE 110 in the Freshman year.)*

Effective Oral Communication (3 credits)

Oral presentation skills provide enlightened citizens with essential tools for cultural survival, and they always have. The educated citizen should be able to assimilate, discuss, deliberate and articulate ideas and information in a clear and affecting manner. To this end, a course on public speaking provides foundational training for the liberal arts student. Effective oral communication is more than learning to speak publicly, however. It encompasses understanding and training on a variety of skills applicable to communicating intelligently in contexts both public and private, on matters of both Individual and collective concern. At King's, these skills include, but are not limited to: developing clear purpose statements, organizing ideas strategically, validating ideas with substantive support, wording ideas effectively, delivering words with confidence and energy, preparing presentation materials, and analyzing the messages of others accurately. *(Students normally take CORE 115 or CORE 116 before the end of their sophomore year.)*

CORE 115 — Effective Oral Communication (3)

Core 115 Introduces students to the functions and modes of public message-making, as well as strategies with which to execute them. It requires students to plan, prepare, practice and perform various types of public presentations that provide them with practical experience in developing ideas thoroughly, and communicating ideas effectively through speech. A video portfolio is kept of each student's performances to document progressive skills development. Emphasis is given to help students prepare and perform presentations that are clearly focused, well organized, substantially supported, effectively worded, and confidently delivered. The aim is to help students develop their abilities to express their thoughts, beliefs and experiences in an Intelligent and affecting manner, as well as to help them gain confidence in themselves as they do so.

CORE 116 — Argumentation and Debate (3)

Core 116 focuses on the use of arguments in contemporary society. Students will learn types of propositions, burden-of-proof and different types of arguments. In particular, the student will develop skill in rhetoric, public speaking, and critical thinking. Each student will construct, advance and support arguments within the context of a current public policy controversy. The course will also examine the use and misuse of arguments in government and society and the consequences of such choices. This course is designed for the student who likes to engage in an intellectual rigorous activity that will lay the foundation for success in their future careers.

Quantitative Skills (3 credits)**CORE 098 — Quantitative Skills (*taken in the freshman year*)**Quantitative Reasoning (3 credits)**CORE 120 — Quantitative Reasoning**

(or MATH 121, 126, 125, or 129) (taken by the end of the sophomore year)

No liberally educated person can fully participate in society today without knowledge of mathematics and its contributions to science and technology. Mathematics has become an indispensable tool for analysis, quantitative description, decision-making and the efficient management of both private and public institutions. Consequently, a familiarity with the essential concepts of mathematics is necessary for one to function intelligently as both a private individual and a responsible citizen. (*Since Core 098 is a prerequisite for CORE 120, students must attain a minimum of a C grade in order to register for CORE 120. Students who do not meet this requirement must repeat CORE 098. In some cases CORE 098 may be waived on the basis of a placement exam or the recommendation of the mathematics department.*)

Quantitative Skills (3 credits)**CORE 098 — Quantitative Skills (3)**

This course develops the skills needed for other mathematics courses at King's College and emphasizes the organizational and analytical skills required for success in a problem solving society. Mathematically, this course focuses on the structure of arithmetic and directly relates this understanding to the more theoretical topics of algebra. Students will review and relearn the fundamentals of real numbers and use this knowledge as a bridge to the abstract concepts of algebra. The arithmetic and algebraic concepts covered in the

course are used to introduce the basics of problem solving and mathematical reasoning. Topics include; whole numbers and integers, fractions decimals and mixed numbers, exponents, roots, simplifying algebraic expressions, solving first and second degree equations, factoring algebraic expressions, and simplifying rational expressions. *(Students in majors that require a mathematics course are exempt from the CORE 120 requirement. All other students take CORE 120 by the end of the sophomore year.)*

Quantitative Reasoning (3 credits)

CORE 120 — Quantitative Reasoning (3)

A mathematics course for liberal arts and social science majors. Topics include: The Mathematics of Social Change—This deals with mathematics applications in social science. How do groups make decisions? How are elections decided? How can power be measured? Statistics—This deals with basic elements of statistics. How are statistical data collected? How are they summarized so that they say something intelligible? How are they interpreted? Management Science—This deals with methods for solving problems involving the organization and management of complex activities. Some limited resource must be managed in such a way that waste is minimized. How can one choose the best route between various locations? Symmetry and Geometry—This deals with nontraditional geometric ideas. What are symmetries of a pattern? What is the geometry of natural (as opposed to artificial) shapes? What kind of geometry lies hidden in a cloud? Prerequisite: CORE 098.

II. Knowledge, Traditional Disciplines and Interdisciplinary Perspectives

Civilization: Historical Perspectives I and II (6 credits)

By presenting the story of human achievement, hope and frustration, struggle and triumph, history helps us to understand our complex world and to take responsibility for shaping its future. Only by studying the past, its successes and its failures, can we hope to avoid repeating its mistakes and to build on its successes. The critical examination of human accomplishment and failure gives us valuable insight into ourselves and our society, greatly enhancing our ability to judge and decide both private and public issues. *(Students choose either CORE 130 or CORE 131. All students take CORE 132.)*

Civilization: Historical Perspectives I

CORE 130 — American Civilization (3)

To increase the student's knowledge and understanding of the development of American society from the first settlements to the emergence of the United States as a global power at the beginning of the twentieth century: Students will be expected to examine major issues including the American Revolution; the evolution of a national economy; territorial expansion; the Civil War; and the urbanization, industrialization and development which brought the United States to a globally important position at the beginning of the twentieth century.

CORE 131 — Western Civilization (3)

To increase the student's appreciation for and understanding of the main stages of West-

ern Civilization from the foundations of human history to the West's domination of the globe at the beginning of the twentieth century. Emphasis will be on concepts and events, including gender and class, war, classical antiquity, Christianity, feudal society, capitalism, the Reformation, democratic institutions, the international state system, nationalism, and imperialism.

Civilization: Historical Perspectives II

CORE 132 — A Global Perspective: The Twentieth Century (3)

Study will examine selected issues, events, and problems that have influenced the role of the United States in the world in the twentieth century: To increase student's knowledge and critical understanding of nationalism; imperialism; alternative political structures like Fascism and Marxism as responses to political problems; World War II; the post Cold War era; the human rights revolution; the technological revolution; and the problems of economic globalization.

Global Awareness/Foreign Cultures (3 credits)

An awareness of foreign cultures deepens our understanding of the diverse world in which we live and our place in it. When we step beyond our limited cultural surroundings and attempt to enter into the minds of others in the world community, we are often confronted with alien values and perspectives that challenge our beliefs and assumptions. The liberally educated individual whose philosophy of life is solidly grounded in human and humane principles should understand cultural diversity and be equipped to deal with it with empathy and sensitivity. Foreign language courses and foreign culture courses taught in English provide this important dimension of a liberal arts education. *(Students choose either CORE 140 or one of the foreign language courses numbered 141 through 146. Students who select a foreign language are assisted in determining the appropriate level at which to begin their study. Advanced placement credit is available, subject to certain conditions, for students who begin with Language 143 or higher. See the section on Foreign Languages and Literatures for further information.)*

CORE 140 — Foreign Cultures (3 credits)

A study of the contemporary culture, values, perspectives and lifestyle of a foreign people focusing on a sympathetic understanding of cultural diversity and appreciation of another way of life. The course is taught in English. No knowledge of a foreign language is required.

CORE 141 — Language for Communication I (3 credits)

(French, German, Latin, or Spanish)

Pronunciation, fundamentals of grammar, exercises in speaking, understanding and writing the foreign language. Readings introduce the student to the foreign culture.

CORE 142 — Language for Communication II (3 credits)

(French, German, Latin, or Spanish)

Essentials of grammar and pronunciation, and practice in speaking and writing the foreign language. Readings increase the student's knowledge of the foreign culture. Prerequisite: CORE 141 or equivalent.

CORE 143 — Language for Communication III (3 credits)

(French, German, or Spanish)

Review and further study of the fundamentals of the foreign language to increase comprehension, speaking and writing skills. Readings increase knowledge and understanding of the foreign culture. Prerequisite: CORE 142 or equivalent.

CORE 144 — Language for Communication IV (3 credits)

(French, German, or Spanish)

Development of proficiency in reading the foreign language through the study of cultural texts. Emphasis is on vocabulary building and oral and written communication. Readings broaden the student's knowledge and understanding of the foreign culture. Prerequisite: CORE 143 or equivalent.

CORE 145 — Conversation and Composition I (3 credits)

(French or Spanish)

Development of proficiency in the active use of the foreign language, both spoken and written. The course acquaints the student with the contemporary lifestyle, values and attitudes of the foreign people and increases cultural awareness. Prerequisite: CORE 144 or equivalent.

CORE 146 — Conversation and Composition II (3 credits)

(French or Spanish)

Development of greater fluency in the foreign language. Emphasis on extemporaneous conversation encourages the student to think in the language. Study of the culture expands knowledge and understanding of the contemporary lifestyle, values, and attitudes of the foreign people and heightens awareness of cultural differences. Prerequisite: CORE 145 or equivalent.

Human Behavior and Social Institutions I and II (6 credits)

Knowledge of the substance, motivation, and consequences of both individual and collective human behavior is essential to the liberally educated person. Moreover, no educated person can hope to comprehend the complexity of contemporary society without some understanding of how that society is organized and how its various components relate to one another. Economic, political, psychological, and sociological perspectives can provide insights into human behavior and relationships in a complex world. *(All students take CORE 150 and choose one of the courses numbered 151 through 156.)*

Human Behavior and Social Institutions I

CORE 150 — Human Behavior and Social Institutions (3 credits)

An introduction to the goals, methods, theories, and research findings associated with the various fields comprising the social sciences. Topics will include: causes and consequences of individual and collective human behavior; the ways in which societies are organized; and the interrelationships of various institutions, e.g., economic, religious, legal, political, and social.

Human Behavior and Social Institutions II

CORE 151 — American Government (3 credits)

Fundamental political principles and concepts as applied to the American political system. The formal structure of American government, its basic political institutions, and the political problems created by American society and culture will be examined. Political behavior and socialization will be emphasized, particularly as these phenomena con-

tribute to an understanding of the policy-making process in the United States. Prerequisite: CORE 150.

CORE 152 — Contemporary Social Issues (3 credits)

An examination of selected social issues and problems in contemporary American society analyzing some troubled institutions, social roles in transition, problems in conformity and inequality. Emphasis on issues of the family, education, aging, sexism, socio-economic inequality, crime and the criminal justice system. Prerequisite: CORE 150.

CORE 153 — The Principles of Economics: Macro Economics (3 credits)

Macro Economics: The theory of national income, aggregate demand and the level of employment, money and banking, and government fiscal policy.

CORE 154 — Psychological Foundations (3 credits)

An examination of fundamental psychological principles from areas such as: learning and motivation; child and adult development; brain physiology; social, personality, abnormal behavior, and health psychology. Concepts from these and other topics will be applied to contemporary areas of concern in society, such as: noise and environmental pollution, overcrowding, the insanity defense, validity of lie detection techniques, mass media influences, prejudice, race relations, day care, and the impact of managed care on psychotherapy. Prerequisite: CORE 150.

CORE 155 — Women in American Society (3 credits)

An analysis of women's historical and current situation in American society. An examination of the approaches and research findings of the social sciences using gender as a category of analysis intersecting with race, ethnicity, and class. The relationship between gender and social institutions as well as the interrelationships of gender-defining institutions-government, economy, religion, family and education-will be explored. Prerequisite: CORE 150.

CORE 156 — Aging & American Society (3 credits)

One of the most significant demographic trends in American society is the aging of its population. As a result, unprecedented changes are anticipated during the next several decades. These changes — expected to transform society in dramatic fashion — will be most evident in housing, health and mental health care, transportation, financial planning, family and personal life, resources allocation, manpower deployment, urban and regional planning, customer relations, product design, marketing and retailing. This course will focus on these changes. It will examine the reasons why they are taking place, analyze the demographic projections that indicate their direction and assess the impact these changes may have on social values, attitudes and mores.

Literature and the Arts I and II (6 credits)

Literature and the Arts involve one of our oldest and most characteristic activities—the creation of works of imagination and beauty to express human feelings and emotions. While few of us have the time or the talent to produce important creative works, we must all learn to appreciate great literature and art. These forms of expression involve the whole person, mind and heart, unlike any other activity; and thus, are essential to a full understanding of who we are, what we value, and what we can become. A truly liberal education seeks not only to perfect our powers for abstract, intellectual thought, but also to refine our sensory powers of perception, to encourage our creativity and imagination, and to foster an appreciation of the aesthetic dimensions of life so that we recognize and

enjoy significant imaginative expressions of the human spirit. *(All students take CORE 160 and choose one of the courses numbered 161 through 165.)*

Literature and the Arts I

CORE 160 — Literature and the Arts (3 credits)

An introduction to the purposes and scope of literature and the arts, areas in which human values and feelings are celebrated and vital human concerns are addressed. The approach is based upon personal enjoyment and intellectual enrichment. Writings and works of art studied will show the relationships among these creative forms of human expression.

Literature and the Arts II

CORE 161 — Experiencing the Fine Arts (3 credits)

A consideration of paintings, sculpture, and musical compositions for their artistic expression of human thought and emotion. Compositional elements of each art are examined as a basis for understanding how artists develop and communicate their varied impressions of life for our reflection and enjoyment. Prerequisite: CORE 160.

CORE 162 — Foreign Literature in English (credits)

A study of the literary masterpieces of a foreign people. The emphasis is on literature as an expression of human values, feelings and concerns and as the reflection of a national culture. The relationship of the literary works to other art forms such as painting, sculpture, architecture and music is explored. The course is taught in English and works are read in English translation. No knowledge of a foreign language is required. Prerequisite: CORE 160.

CORE 163 — Historical Perspectives in Literature (3 credits)

A survey of selected British or American poets, dramatists, novelists, and essayists from the nineteenth to the twentieth century. Prerequisite: CORE 160.

CORE 164 — Literary Modes and Themes (3 credits)

An exploration of one of a variety of literary modes (such as Biography, Comedy, Epic, Folklore, Myth, Satire, or Tragedy) or themes (The Moral of the Story, Ecological Literature, Women's Voices in Literature, Literature and Work, and others) that provide a unique perspective on universal human experiences, ideals, and values. Each course will study poetry, fiction, drama and film that exemplify the mode or theme. Prerequisite: CORE 160.

CORE 165 — Theatre Experience (credits)

Audience Reaction and the Critical Evaluation of the various entertainment and amusement media: The Seven Lively Arts are studied, with major emphasis on the Theatre, which is a composite of all the Fine Arts. Prerequisite: CORE 160.

Natural Science I and II (6 credits)

The liberally educated person must understand that the world in which we live and the quality of life that we enjoy are largely the consequence of scientific experimentation and discovery. Our health, our environment, our technology have been influenced and continue to be shaped by science. While every educated person may not be a scientist, he or she must have enough knowledge of the scientific method and of fundamental concepts of the natural sciences to understand and make informed decisions affecting both private and public issues of health and the environment. *(Students in majors requiring six or more credits in natural science are exempt from this requirement. All other students take CORE 270 and choose one of the courses numbered 271 through 279.)*

Natural Science I

CORE 270 — Natural Science (3 credits)

Study of the scientific approach, and what distinguishes it from other approaches to understanding the world. Characteristics common to all sciences will be emphasized. Examples of research and discovery from a variety of sciences will be studied to illustrate scientific methodology, principles and concepts as well as to demonstrate the unity of the scientific approach.

Natural Science II

CORE 271 — Astronomy (3 credits)

Study of the nature and development of the universe. Topics include the nature of astronomy as a science, its historical development, the structure of the universe, the Solar System, the planet Earth, and scientific theories of extra-terrestrial intelligence. Prerequisite: CORE 270.

CORE 272 — Chemistry and Mankind (3 credits)

The effects of chemical substances on man and his environment. Consideration will be given to common chemicals that affect our everyday lives, problems related to them, and possible solutions. Prerequisite: CORE 270.

CORE 273 — Contemporary Biology (3 credits)

Selected issues in contemporary biology. Topics may include world hunger as an ecological problem, the impact of genetic technology on medicine, and the biological and ecological problems of toxic and hazardous wastes. Prerequisite: CORE 270.

CORE 274 — Human Biology (3 credits)

The basic concepts of biology as they relate to man. Human anatomy and physiology will be studied with consideration given to the races of man, his evolution, and the biological concepts of human behavior. Prerequisite: CORE 270.

CORE 275 — Human Genetics (3 credits)

The fundamentals of human genetics within the context of the principles of life science. Topics include classical, developmental, population, and molecular genetics; cytogenetics; analysis of complex traits such as behavior; genetic technology; human genetics and the future of man; medical, ethical, legal, and social aspects. Prerequisite: CORE 270.

CORE 276 — Principles of Electronics (3 credits)

Study of the basic methods and principles of physics with emphasis on electricity, sound, and radio waves. The design of stereo systems will be used to illustrate these principles. Prerequisite: CORE 270.

CORE 277 — Chemistry and Industry (3 credits)

How chemical principles are applied in the manufacture of useful products. Materials and chemical processes associated with a variety of major industries are studied. For non-science majors and is not acceptable for credit by students in the natural sciences. Prerequisite: CORE 270.

CORE 278 — Forensic Chemistry (3 credits)

Application of the principles of chemistry to the analysis of evidence in criminal cases. Topics include comparisons of toolmakers, firearms, fingerprints, trace evidence, drugs and bloodstains. Proper techniques of evidence collection and handling are discussed from both legal and scientific viewpoints, as well as the advantages and limitations of

presently utilized methods of analysis. For non-science majors and not acceptable for students majoring in the natural sciences. Prerequisite: CORE 270.

CORE 279 — Perspectives in Natural Science (3 credits)

An investigation of selected topics that focus on some aspect of natural science and its application to the way we think and the way we live. Topics, such as meteorology or geophysics, may come from a variety of scientific disciplines and may include an interdisciplinary perspective. Prerequisite: CORE 270.

III. Informed Believing and Acting

The Catholic liberal arts tradition recognizes the importance of forming the habit of thinking clearly, carefully, and independently about the human situation in the world. In this tradition, the free and inquiring mind pursues questions about what ought to be believed about the human condition and about human destiny and how to conduct a meaningful human life. These distinguishable, but related questions are given special emphasis in the core curriculum of King's College.

The tradition of the College also recognizes the legitimacy and necessity of raising these questions from a variety of disciplines and perspectives, particularly those of philosophy and theology. These disciplines seek to form in students the habit of critically appraising ways of believing and acting to discern those that are consonant with responsible and purposeful living. They also seek to acquaint students with the great masters of philosophical and religious thought.

All students are required to take four courses in this section of the Core. There are two required courses in philosophy. The first is Core 280, Fundamentals of Philosophy, and it is a prerequisite for all other philosophy courses. The second course is usually in the Core 280 series. Selected students may substitute Honors 280 and Honors 281 for the ordinary sequence.

There are two required courses in theology. One must be a Systematic Theology course in the Core 250 series; the other must be a Moral Theology course in the 260 series.

Philosophy I and II (6 credits)

Philosophy I

CORE 280 — Fundamentals of Philosophy (3 credits)

An introduction to the central problems and major figures in the history of philosophical thought. Topics include the meaning and purpose of human existence, the ultimate nature of reality, the foundations and limits of human understanding, the foundations and limits of government, the basic norms of right and wrong.

Philosophy II

CORE 281 — Introduction to Logic (3 credits)

The principal aim of logic is to develop a system of methods and principles that may be used as criteria for evaluating the arguments of others and as guides in constructing arguments of our own. This course emphasizes formal logic and builds upon the Critical Thinking course required for all students. Prerequisite: CORE 280.

CORE 282 — Philosophical Themes (3 credits)

An exploration of one of the main areas of philosophy: ethics, metaphysics, epistemology, political philosophy, or aesthetics. The courses offered in this category are intended

to build upon the historical introductions to the main areas of philosophy that students receive in their first philosophy course. Each course in this category will provide students with introductory readings from those philosophers who distinguish themselves in a specific field of philosophy. Prerequisite: CORE 280.

CORE 283 — Philosophy of Education (3 credits)

An introductory survey of the fundamental philosophical issues connected with education. Topics covered will include some representative historical figures, e.g. Dewey and Rousseau, as well as issues such as the fundamental goals of education, differences between teaching and indoctrination, the nature and value of liberal education, the justification and content of moral education, and multicultural education. Prerequisite: CORE 280.

CORE 284 — Philosophy of Human Nature (3 credits)

What is a human person? What is the human condition? What factors influence human life, choice, and action? What is human destiny? These questions concerning humanity are philosophical questions, and it is the general purpose of this course to expose the student to the ways serious thinkers have approached and understood them. The course addresses such topics as: humanity's origin and evolution; humanity's place in the universe; the impact of human scientific, technological and creative achievement; the relationship between human beings and God; and humanity's ultimate destiny. Prerequisite: CORE 280.

CORE 285 — Philosophy of Death and the Meaning of Life (3 credits)

As a multi-disciplinary exploration of the meaning of death, this course draws upon literary, psychological, sociological, theological, and philosophical sources on death with special emphasis being given to how to live one's life given the reality of death. Other topics include the American attitude toward death, the doctor-patient relationship, euthanasia and suicide, stages of dying and the grieving process, near-death experiences and arguments for immortality, resurrection, and reincarnation. Prerequisite: CORE 280.

CORE 286 — Introduction to Philosophical Ethics (3 credits)

A survey of the major figures in the history of ethics. The works of the great philosophers are pursued for the wisdom contained in them which, in turn, may be used in the pursuit of the examined life and in the attempt to resolve contemporary ethical problems such as abortion, euthanasia, capital punishment, and the just distribution of limited resources. Prerequisite: CORE 280.

CORE 287 — Ethics, Business and Society (3 credits)

An examination of the major ethical issues and dilemmas facing contemporary business in the light of the major theories of ethics. The course first addresses several challenges to the very idea of Business Ethics such as relativism, egoism, and the applicability of moral concepts to corporations. It then uses the case method to focus on the justice of capitalism as an economic system, ethics in the marketplace, business and the environment, the ethics of consumer production and marketing, and the ethics of the employee/employer relationship. Prerequisite: CORE 280.

CORE 288 — Bioethics (3 credits)

Bioethics studies the intersection of law, morality, science and medicine as the human good is pursued for the person as patient or subject. Among the topics studied

are medical-ethical codes, informed consent, advance directives, abortion, euthanasia, suicide, assisted suicide in the medical context, reproductive technologies, sterilization, and the delivery of health care. Prerequisite: CORE 280.

CORE 289 — Interdisciplinary Perspectives in Philosophy (3 credits)

An exploration of selected philosophical issues or topics from an interdisciplinary perspective. Designed to be taught by, or team-taught with, interested and qualified faculty outside the Philosophy department, this course offers students an opportunity to explore philosophical issues and ideas that can be most fruitfully studied by means of a multidisciplinary approach. Prerequisite: CORE 280.

Systematic Theology (3 credits)

CORE 250 — Catholic Perspectives (3 credits)

Development of a greater understanding of basic Christian beliefs as expressed in a Catholic context. This study will be conducted in an ecumenical atmosphere to overcome stereotypes and generalizations about Catholicism and other Christian communions. Relating beliefs and commitments to the contemporary world will be emphasized.

CORE 251 — The Old Testament (3 credits)

The principal themes, historical framework, geographical setting, and literary background that surround the key figures of the Old Testament. The development of the faith of Israel from its beginnings in the earliest tribal migrations to the emergence of Judaism just prior to the time of Jesus will be discussed.

CORE 252 — The New Testament (3 credits)

A study of the beliefs about God and Christ, as well as other topics of concern in the New Testament. These will be considered both in their original biblical context and in light of modern questions.

CORE 253 — Key Biblical Themes (3 credits)

Combines a general introduction to the Bible with an in depth study of selected themes such as creation, revelation, prophecy, salvation, and others. Includes both Old and New Testaments.

CORE 254 — Belief and Unbelief (3 credits)

A study of the serious option that faces modern people-to believe or not to believe. The background and reasons for modern unbelief are examined. Answers that thoughtful believers offer to these challenges are studied.

CORE 255 — The Church (3 credits)

A study of the Church's origin and development, doctrinal struggles, and contemporary challenges. Particular attention will be given to the theology of the Church and its ecumenical implications expressed in the thought of the Second Vatican Council (1962 - 65) and by contemporary theologians and the Christian churches.

CORE 256 — Science, Theology and Culture (3 credits)

This course aims to equip students to enter the growing cultural conversation about the interrelationships between science and religion. The course will concentrate on the science-Christianity relationship. Some key historical clashes (the Galileo affair, the debate over Darwinism) will be studied and contemporary scientific developments in the physical sciences, in the life sciences, and in neuroscience, will be explored for their religious

implications. Generally an instructor from theology will join with an instructor from the sciences to team-teach the course.

CORE 259 — Topics in Systematic Theology (3 credits)

The study of current issues and problems in systematic theology. The topic(s) will be announced at pre-registration.

Moral Theology (3 credits)

CORE 260 — Christian Ethics (3 credits)

The fundamentals of Christian moral thought. Moral theory and the basic theological convictions of the Christian tradition will be considered. The relevance of these theoretical considerations will be illustrated by concrete moral problems and dilemmas.

CORE 261 — Faith, Morality and the Person (3 credits)

Through biography and autobiography, the personal lives of selected individuals (e.g. Mahatma Gandhi, Martin Luther King, Dorothy Day, St. Augustine) are studied to determine how religious and moral orientations develop to become integral dimensions of a person's identity. Special attention is given to the way religious commitments foster and sustain a person's moral convictions and actions. The role of Christianity and other religious traditions in shaping character will be considered.

CORE 263 — Christian Marriage (3 credits)

An exploration of the Christian tradition on the issues of sexuality, gender, marriage and the family.

CORE 264 — Issues in Christian Social Ethics (3 credits)

An introduction to Christian social ethics. The course will present a general view of how the Christian tradition understands and approaches moral issues that relate to social and political life. Both theoretical and practical questions will be confronted. The course features a clear interest in an ecumenical approach to Christian social ethics, but some special attention will be given to recent trends in Catholic social teaching.

CORE 265 — Christian Environmental Ethics

A study of how Christian theological perspectives have and should shape personal and social responses to nature and to problems arising from the human-nature interaction. Biblically based religious traditions will be compared with other religions in order to clarify the religious dimensions of our ecological dependencies. Current environmental problems and policy debates will be selectively treated to establish the relevance of Christian reflection on the environment.

CORE 269 — Topics in Moral Theology (3credits)

The study of current issues and problems in moral theology. The topic(s) will be announced at pre-registration.

PRE-PROFESSIONAL PROGRAMS:

Pre-professional guidance in the selection of courses is provided to facilitate the later pursuit of graduate or professional studies by students interested in careers such as college teaching, dentistry, law, medicine, ministry, pharmacy and veterinary medicine.

Pre-Law: The Association of American Law Schools in its statement on pre-legal education does not recommend a specific major for the undergraduate preparing to enter the legal profession. Rather it is more interested in the development of the student's "comprehension and expression in words; critical understanding of the human institutions and values with which the law deals; and creative power in thinking." The Core curriculum at King's College makes that objective a reality.

Because of their relevance to law, government, history, and philosophy are important fields of study for the pre-law student. The essential importance of written and oral expression in the legal field makes English another choice as a major or minor. Business administration and accounting are also a logical major/minor because of the lawyer's need to understand business and accounting principles. It is also recommended that the student elect economics and computer courses.

Intercollegiate debate is an especially good training ground for the pre-law student. In addition, the King's College Pre-Law Society provides an opportunity for students to exercise an interest in and to deepen their understanding of the legal profession as well as investigate opportunities for legal studies.

Pre-Medical: Students interested in entering the field of medicine may follow any major program provided they include the courses in science and mathematics required for entrance into medical school. A strong program of liberal arts courses, regardless of the major field, is highly recommended by American medical schools.

The competition for admission to medical schools demands that a student's college academic record be superior, that performance on the Medical College Admission Test be superior, and that recommendations give evidence of the necessary personal qualifications for the medical profession. Four years of college are required by most medical schools. Pre-medical students are urged to consult regularly with the Health Professions Advisor to assure compliance with all requirements for entrance into medical school.

Pre-Dental: Students interested in entering the field of dentistry may follow any major program providing they include the courses in science and mathematics required for entrance into dental school. A strong program of liberal arts courses, regardless of the major field, is highly recommended by American dental schools.

Although most dental schools require a minimum of three years of college, most applicants are accepted only after completing four years. Acceptance into dental school is based on a strong academic college record, satisfactory scores on the Dental Aptitude Test, and recommendations that give evidence of the necessary personal qualifications for the dental profession. Pre-dental students are urged to consult regularly with the Health Professions Advisor to assure compliance with all the requirements for entrance into dental school.

Pre-Pharmaceutical: Students wishing to follow a career in pharmacy may take the first one or two years of college at King's. Their courses should be arranged by consultation with the Health Professions Advisor after they have determined the specific requirements of the pharmacy school to which they intend to transfer.

Pre-Theological: Students who wish to prepare for the priesthood, or ordained or lay ministry, usually follow the Bachelor of Arts program. Candidates for the priesthood and ministry are urged to confer regularly with the chairperson of the Theology Department for guidance in pursuing an academic program consistent with their goals.

Academic Services





Academic Services & Programs

Academic Skills Center

Mrs. Jacintha Burke, Director

The Academic Skills Center provides a coordinated program of services to assist full and part-time students matriculating at King's College to achieve academic success. These services include:

College Entry Program — Incoming freshmen may enroll for three to seven credits of Core courses during the summer before their freshman year. The College Entry Program allows students to experience college life, to accelerate their academic progress, and to develop learning skills for academic success.

Tutoring Program — The King's College Tutoring Program, a campus-wide academic support service, is certified by the College Reading and Learning Association (CRLA). Tutors, who meet specific requirements, may receive recognition as a certified tutor through CRLA. Tutoring provides course-content assistance to students free of charge in most disciplines. The program utilizes three tutoring modalities: individual, small-group, and walk-in tutoring.

Disability Support Services — Services are available to any member of the King's community who has a disability. Individuals eligible for service include, but are not limited to, those with mobility, orthopedic, hearing, vision, or speech impairments, as well as those with learning disabilities. Individuals with temporary disabilities, such as those resulting from injury or surgery, are also eligible for services. The goal of these services is to maximize a student's educational potential while helping him or her develop and maintain independence and self-advocacy.

First Year Academic Studies Program — The First Year Academic Studies Program (FASP) is specifically designed to assist learning disabled students matriculating at King's College. The Program recognizes that the first year of college is a transition year and that the need for independence and self-confidence must be balanced with the development of successful strategies for learning and self-advocacy. To facilitate this transition, the First Year Academic Studies Program enrolls students in regular Core classes, but supports each class with a structured supplementary program of course-specific learning strategies.

Learning Skills Workshops — A series of workshops is offered each semester to enhance academic performance. Workshop topics include: Time-Management, Lecture Note-taking, Academic Reading Skills, Memory Strategies, and Test-taking Techniques. Indi-

visualized learning assessments are offered to students who wish to identify the learning strategies that meet their academic needs.

Writing Center — Professional and peer tutorial assistance is available on a walk-in basis to students who wish to develop their writing skills. Assistance with research papers, analytical writing, essays, and other Core and major course writing assignments are available.

Office of Career Planning and Placement

The Office of Career Planning and Placement provides a developmental, comprehensive program of services to meet the career needs of both students and alumni. A broad based and integrated system, the Office of Career Planning and Placement is characterized by joint and collaborative efforts with academic and student affairs components, as well as employers, alumni, and community leaders. A “Career Development Across the Curriculum” program links career activities to academic departments, resulting in a seamless delivery of career services to students.

Designed to complement the student’s academic experiences throughout the four-year program at King’s, career services are focused on meeting each individual’s needs. The Office of Career Planning and Placement assists students in:

- Investigating career options
- Identifying skills, abilities, and values
- Applying academic skills to real-world internships, volunteer, and part-time job experiences
- Gaining valuable job market “resume building” experiences
- Developing resumes and job search correspondence
- Preparing for interviews
- Participating in on-campus interviews and job fairs
- Learning business etiquette & refining professional presence
- Developing and honing job search skills
- Using the latest technology to refine career direction, research careers, and conduct effective job searches
- Exploring graduate and professional schools
- and, ultimately, finding placement in a satisfying career

Most importantly, students learn how to reapply the career decision-making process as they proceed throughout their work lives.

Meeting the needs of each individual serves as the focus of the program. Career counseling services assist students in developing educational and career goals. Topics often addressed include:

- Selecting an academic major
- Choosing a “marketable” minor to complement the academic major and build upon the student’s interest
- Gaining information about career fields
- Participating in assessment and understanding its application to career choice
- Honing interview skills through mock interviews

- Conducting a successful job search
- Applying to and deciding upon graduate and professional school programs

In an effort to assist all students in achieving their career goals, the Office of Career Planning and Placement offers services and programs which include: credited career planning courses; individual career counseling and assessment services; workshops; career newsletters; a professional development seminar series; sophisticated computerized guidance programs; an on-campus recruiting program and employment fairs; a job notification service for full-time, part-time, and summer employment; senior year accounting internships; and a well maintained Career Resource Center, which includes the Alumni Career Resource Network. The on-campus recruiting program includes national accounting firms, several Fortune 100 and Fortune 500 companies, as well as numerous smaller organizations that provide excellent career opportunities. In addition, the Office of Career Planning and Placement co-sponsors and shares in the hosting of an annual employment fair which attracts approximately 110 employers offering opportunities for all majors. Senior students receive the most benefit from the on-campus employment interview program.

The Office of Career Planning and Placement coordinates the Accounting Internship Program and provides a comprehensive job lead posting and processing service which includes opportunities for all majors for full-time, part-time, and summer employment. Requests for employment candidates are received and responded to throughout the entire year. Permanent credentials files of students and alumni are maintained as an integral part of securing employment.

As an essential part of the developmental aspect of career planning, two one-credit courses have been designed to assist students in the career choice and job-search processes. These courses are conducted in a workshop style format in order to promote maximum involvement and interaction.

CARP 211 — Career Planning I (1 credit)

This course provides an introduction to the elements of the decision making process as it applies to career decisions throughout one's lifespan. This course is targeted for students in their freshman and sophomore years and students use career journals to reflect on their activities throughout the course. Topics include: self-awareness through the identification of needs, values, and interests as they relate to career choices; the role of liberal arts and career planning; the use of the latest technology in acquiring career information; and choosing a major and a potential minor. Standardized testing to identify interests, values, and abilities by the student and counselors form an important part of the course. Computer-assisted career software, methods of career research and information interviews also form an integral part of this course. Students prepare resumes so that they can explore opportunities in their fields. *Pass/Fail grades.*

CARP 412 — Career Planning II (1 credit)

This course is designed to assist students in developing effective job search skills. Students in the sophomore, junior, and senior years who are interested in acquiring internships and conducting effective job searches are encouraged to enroll in this course. The workshop-type sessions include components on career awareness, interest and personality testing, resume and cover letter development, interview and executive etiquette including dining etiquette skills, the identification of the hidden job market, preparation for employment fairs and graduate school exploration. The course includes a field exper-

rience for students designed to permit them to apply previously developed skills in securing self-generated appointments for interviews with potential employers. Students are encouraged to use the latest technological resources throughout the course, including computer assisted guidance programs. *Pass/Fail grades.*

Center for Academic Advisement

Rev. Charles Kociolek, C.S.C., Director

The focus of the Center for Academic Advisement is to assist incoming freshmen and transfer students in their educational discernment by providing information and appropriate resources to meet their needs and to schedule classes. Advisors assist students in exploring their career paths and educational goals by selecting appropriate courses to satisfy the requirements of both the Core curriculum and their major programs of study.

It is the conviction of the Center that careful monitoring of all first year students is essential to a meaningful and successful college experience. Freshmen meet with their advisors at least twice each semester. Students are encouraged to meet more frequently should a problem arise. During the scheduled meetings, advisors assess the student's adjustment to College, assist the student in planning an academic program consistent with his/her abilities and interests and monitor the student's progress toward established career goals. Students undecided about their majors are provided information concerning the programs offered by the College. They are encouraged to make course selections that will afford them the opportunity to sample various areas of study as preparation for making a more informed decision.

The Center is also responsible for processing changes of major/advisor, course withdrawals, and withdrawals from the College.

The Center for Academic Advisement and Student Development is located on the ground floor of the Mulligan Building in Room M-95. The office is open Monday through Friday from 8:30 a.m.-4:30 p.m.

Center for Lifelong Learning

The Center for Lifelong Learning welcomes adult students returning to college on either a part-time or full-time basis. Day, evening, and accelerated weekend class options enable the non-traditional student to balance career, family, and other responsibilities. Bachelor and Associate Degree students as well as visiting students and non-degree students are served by the Center for Lifelong Learning. Academic advisors help schedule a logical progression of courses suited to the unique needs of the adult learner.

In addition to degree programs, a number of certificate programs are also available. These short-term programs are designed to provide opportunities in new careers, upward mobility in present employment, or in one's personal development.

The Gateway Program affords adult students the opportunity to receive credit for knowledge gained through experience outside the traditional academic setting. Gateway students are given the opportunity to define their external learning in a portfolio through a 3-credit course entitled

EXPL 331, Portfolio Development. This course is under the direction/supervision of the Director of Adult Advisement.

Summer school offerings are planned and administered through the Center for Lifelong Learning. Students visiting from other colleges must submit evidence that they are in good academic standing at their home institutions and that the courses selected are approved by the Dean or Registrar of the home institution.

Course offerings, application forms and additional information may be obtained by contacting the Center for Lifelong Learning at (570) 208-5865 or online at cpll@king's.edu.

Center for Experiential Learning/Internship Program

Ms. Chris W. Bedwick, Director

The Center for Experiential Learning is the centralized college office that coordinates and supervises experiential learning opportunities for King's College students representing more than thirty academic disciplines. These experiences occur in the form of an Internship Program that places the student directly in a professional work setting enabling them to apply the theoretical learning of the classroom to practical situations, activities, and challenges. It allows the student to "learn by doing" while being guided both academically and professionally. For those with well-defined career goals, experiential learning assists in developing expertise and honing specific skills. For those who have not yet chosen a career path, it provides the opportunity to explore options that will clarify personal and professional goals. Whether a student is preparing for graduate school or entry into the world of work, experiential learning provides a meaningful bridge.

An internship is defined as the supervised placement of a student in a professional work setting, for a specified period of time, and for an appropriate number of academic credits. It is an upper division, academic learning experience, and more than 165 students complete internships through the Center for Experiential Learning each year.

Internships are available during the fall, spring, and summer sessions and last 12 -15 weeks. They may occur on a part-time or full-time basis and all internships carry a minimum of 3 credits and a maximum of 6 credits. Exceptions to this rule include well-defined, full-time internship programs such as the Washington Center, U.S. Department of State, and FBI Honors Program in which 9 -15 credits may be earned. There are no non-credit internships. A student may complete more than one internship and credits may be applied to the major, minor, or elective program as determined by each major department. Credit is awarded through the Center for Experiential Learning using the following guidelines:

Credits Awarded	Work Hours Per Week	Total Work Hours	Learning Objectives
3	12-15	180	5
6	20-25	300	8
9-15	28-40	420-600	11-17

In the college catalog, individual entries for the internship are within each major department listing as a 499 entry. Students should consult with the Director of the Center for Experiential Learning and their academic advisors for specifics regarding each major program pre-requisites.

Eligibility Requirements:

An eligible participant is a student who has completed 60 college credits, carries a minimum overall G.P.A. of 2.25, obtains the written approval of the academic advisor, has incurred no serious student conduct violations, and has successfully completed a pre-screening interview with the Director of the Center for Experiential Learning. Because some majors require a higher G.P.A. and/or additional pre-requisites for participation, it is important to check with the Experiential Learning Center to verify specific major requirements.

Application Procedures:

Students interested in exploring the Internship Program begin the application process by attending an intern information session and then meeting with the Experiential Learning Director to discuss career interests, qualifications, eligibility requirements, and possible opportunities. This should take place at least one semester prior to the desired internship session. The student is counseled in the job search process, assisted with resume development and interview skills preparation, and encouraged to take an active role in the identification of potential opportunities. Resumes and applications are forwarded by the Center to prospective sites, interviews are conducted, and offers may be extended. Once the student accepts an internship offer, the Center for Experiential Learning formally registers the student for the appropriate amount of internship credits and identifies a faculty coordinator.

Attendance at an experiential learning orientation session is required prior to beginning the internship. At this session, the student obtains the guidance, tips, and instructions needed to successfully complete the internship. Once the internship begins, an experiential learning contract outlining learning objectives and academic requirements is developed and approved by all involved parties. The student then completes the required amount of hours at the site, while also completing academic requirements including weekly written record and reflection logs, weekly time sheets, regular contact with the faculty coordinator, and an assigned final paper/project. Upon completion of the internship, the faculty coordinator determines a final grade, and the internship process is concluded with an exit interview with the Experiential Learning Director.

Sponsoring Organizations:

Experiential learning opportunities are available at literally thousands of employment sites throughout the world. They exist in all sectors of the economy, within organizations that are large and small, for-profit and non-profit, public and private. Types of employers include social service organizations, government agencies, health care facilities, financial institutions, schools, retailers, law firms, and major corporations. Approximately 55% of the sponsoring sites have provided some form of monetary compensation to their King's interns. In addition, although not a specific goal of the Internship Program, it is important to note that over the past five years, more than 60% of King's interns have been extended offers to continue working with their sponsoring organizations upon completion of the internships.

The Center for Experiential Learning is located at 108 North Franklin Street and the phone number 570-208-5913.

Study Abroad

Mrs. Mollie Farmer, Director

The opportunity to study abroad for a summer, a semester, or an entire academic year is available to all students, regardless of major, as part of their undergraduate education at King's College.

King's provides many opportunities, including an exclusive agreement with Webster University, St. Louis, Missouri. Students can earn credits awarded by King's College while studying abroad on any of Webster's campuses located in Geneva, Switzerland; Leiden, The Netherlands; London, England; Vienna, Austria; Shanghai; China; and Cha-am, Thailand. While instruction in these programs is in English, students are also able to study the language of the host country. A partnership agreement between King's and John Cabot University gives King's students the opportunity to study in Rome, Italy, where they can take courses offered in English along with Italian language courses. An affiliation agreement between King's College and the University of Notre Dame Australia affords students the opportunity to study in a wide range of academic disciplines while immersing themselves in the culture of Western Australia

King's also participates in a program of full-time internships in London, England. These internships offer placements to juniors and seniors in a variety of businesses, agencies, institutions, and organizations, thereby giving them the opportunity to acquire valuable professional experience and to expand personal horizons in an international, cosmopolitan setting.

Many additional high quality, approved programs offered in both foreign languages and English are available to King's students. Subject to prior approval by appropriate college officials, credits earned in such programs will be transferred to King's College and applied toward the fulfillment of degree requirements. King's students thus have many programs to choose from in selecting the one which best fulfills their individual needs and the requirements of their major. Information on available programs and help with the planning that is essential to a successful foreign study experience are available from Mrs. Mollie Farmer, Director of Study Abroad Programs.

The Study Abroad Office is located at 112 N Franklin Street. The phone number is (570) 208-5986.

Special Programs





Special Academic Programs

Graduate Study

Dr. Elizabeth S. Lott, Director

Consistent with its history, tradition and mission statement, King's College has designed its graduate programs to prepare and develop professionals for business, industry, education, and government in order that they possess the desire, skills, and education to accept management responsibilities and creative leadership positions in regional, national, and international organizations.

King's College seeks to train individuals to make inquiring, effective, responsible action their ultimate aim by 1) providing a theoretical foundation in specialized fields of study, 2) fostering their ability to obtain, understand and accurately assess information and ideas, to think critically and independently, and to speak and write intelligently and effectively, and 3) developing their abilities to adapt to the increasing complexity and constant change of organizational life in a diverse and competitive environment.

King's College also seeks to offer high-quality education in specialized fields of study which not only enhance the student's technical background but also maintain a balance between the qualitative and quantitative methods, and the technical and socio-economic approaches to current issues.

Graduate Programs:

- M.S. in Health Care Administration
- M.Ed. in Reading
- Graduate Certificate: Program Specialist, English as a Second Language
- M.S. in Physician Assistant Studies (MSPAS)

For more information on King's graduate programs and a complete graduate catalogue, contact the Graduate Office at (570) 208-5991.

The Honors Program

Dr. Charles S. Kraszewski, Director

For over thirty years the Honors Program at King's College has provided the serious undergraduate scholar with unique opportunities to develop his or her intellectual and creative powers to their fullest extent.

Students admitted to the Honors Program enjoy invigorating, challenging coursework and individual attention from dedicated professors. The Academic Component of the

Honors Program, outlined below, is designed to both guarantee each student a thorough grounding in the fundamentals of a liberal education, and allow the student to mould the program to best suit his or her own scholarly aspirations. The Academic Component of the Honors Program constitutes a nurturing plan of studies through all four years of the student's career at King's. It culminates in a "capstone project" to be completed during the Senior year, which consists of the research and composition of an Honors Thesis under the direction of a faculty member in the student's chosen field.

Honors students are kept abreast of possibilities for the publication of their work, the availability of stipendiums, internships, and study abroad programs, both through meetings with the Director and our website (<http://www.kings.edu/honors>). Many internships and practica can be applied toward seminar-credits in the Junior year.

Special opportunities exist in the Honors Program for presenting scholarship to professors and students in an informal, collegial setting, during "Honors Thursdays" held at least once every semester. Other activities include informal, non-credit reading groups, and special lectures, at which luminaries from around the world address King's College students. Honors students can also enjoy a special lounge provided for them on the first floor of our building located at 112 Franklin Street.

The Honors Program at King's College is also the campus application-point for Fulbright and Rhodes Scholarships.

Students who complete the Academic Component of the Honors Program, and who possess a minimum G.P.A. of 3.40 at graduation, are awarded an Honors Certificate at commencement.

In the highly-competitive world in which we live, the intellectual eagerness and individual maturity demonstrated by Honors Students at King's College provide a substantial "leg-up" for those wishing to continue their education in graduate school, or to obtain the best employment possible in their chosen field.

Admission to the Honors Program is selective. To qualify for admission to the program, freshman applicants must be in the first quintile of their graduating class and have an overall SAT score of greater than 1100 with a 550 minimum score on the verbal portion.

Students may also wait until their sophomore year to apply. After the first year, any student with a grade point average of at least 3.25 may apply for admission. Non-program students, with a G.P.A. of at least 3.00, may enroll in Honors courses with the prior written approval of the director of the Honors Program.

The Academic Component of the Honors Program at King's College

The Humanities Suite

Honors 110: Honors Composition (satisfies Core 110)

Honors 110 should be taken in Freshman Year

Honors 280: Philosophy I (satisfies Core 280)

At this point, Core 100 Critical Thinking requirement has also been satisfied.

Honors 135: Literature, Arts and Civilization (satisfies Core 160, 131)

Honors 203: The Western Tradition. Arts and Literature since the 18th Century. (satisfies Core 16X)

Honors 204: Western Experiences since the 18th Century (OR Core 132)

Honors 250: Introduction to the Christian Tradition (satisfies Core 250)

Honors 260: Introduction to the Christian Moral Tradition (satisfies Core 26X)

Honors 281: Philosophy II (Hum. Suite) (satisfies Core 28X)

Honors 110-281 should be completed by end of Sophomore Year

All Honors students will be expected to complete six Foreign Language credits before the end of their time at King's College. Please check the Foreign Language Department's pages in the catalogue for credit incentives for students enrolling in more advanced language courses.

In the Junior year, the student will develop his or her interests and deepen his or her knowledge by participating in four Honors seminars. (See below for a representative list of 200-400 level courses). In addition to these, students will also be accommodated with Independent Study projects, and Honors Extension Contracts (which enable the student to receive Honors credits for regular major-level courses when appropriate Honors sections are not available.)

Students will also be allowed to cover six credits of the junior-year seminar requirement through participation in internships, study abroad programs, practica, and other approved projects and equivalent opportunities.

Senior Year**The Honors Capstone**

Honors 401: Independent Guided Research (3 credits). Under the guidance of a faculty mentor, the Honors student will spend this first semester of his or her senior year engaged in in-depth research preparatory to the composition of an Honors Thesis. All projects must be approved by the Director of the Honors Program before they are undertaken and registered for. While it is expected that the capstone project will deal with a topic in the student's major field, all proposals will be considered on an individual basis, and projects in a second major, or minor, will not be excluded out of hand.

Honors 402: The Honors Thesis (3 credits). Under the direction of the same faculty mentor who guided the student in Honors 401, the Honors student will spend the Spring semester of his or her Senior year composing an Honors Thesis. The Thesis will be a well-developed piece of writing: an original work, composed in a manner befitting the methods and expectations of scholarship and scholarly writing in the student's major field.

NOTE: *Honors 401 and 402 are open only to seniors in the Honors Program. The completion of the Capstone Project is a prerequisite for the Student's reception of the Honors Certificate at Graduation.*

Recent offerings by the Honors Program

HNRS 154: Psychological Foundations (Honors)

HNRS 270: Biotechnology (4)

HNRS 271: Concepts of Ecology (4)

HNRS 282: The Creative Vision of Alfred Hitchcock (3)

HNRS 282: Philosophical Themes: Eastern Philosophy (3)

HNRS 289: Science and Religion (3)

HNRS 301: An Artistic Journey to Florence (3)

HNRS 302: Topics in Cinema: European Film (3)

HNRS 356: Economics/International Business (3)

HNRS 391: The Ascent of Man (3)

HNRS 395: Comparative Literature (3)

- HNRS 395: Slavic Film and Literature (3)
HNRS 420: Contemporary Issues in Gerontology (3)
HNRS 431: Women in Politics (3)
HNRS 475: God, Man and the Universe (3)
HNRS 492: Women in Management (3)

Military Science (Army ROTC)

King's College offers students the opportunity to participate in Army ROTC through a partnership with the University of Scranton Reserve Officer Training Corps Battalion. The primary objective of the Reserve Officer Training Program is to develop leadership capabilities in students and to train future officers for the active Army, US Army Reserve, and the Army National Guard.

ROTC is a flexible program that can be tailored to the individual student's schedule particularly in the freshman and sophomore years. Military Science instruction is offered at King's College with both two and four programs leading to a commission as an officer in one of the three components of the United States Army.

To obtain a commission qualified male and female students must pass a physical examination and complete either the two or the four-year program of Military Science courses. Students normally take one course per semester during their normal four-year course of study.

All students receiving ROTC scholarships as well as juniors and seniors participating in ROTC are contracted with the Army and receive a monthly stipend. The stipend starts at \$250 per month during the freshman year, increases to \$300 during the sophomore year, \$350 during the junior year and \$400 during the senior year. The Stipend is paid directly to the student each month that they are in school.

The Military Science Department provides all uniforms, equipment, and textbooks required for the classes. In addition to the academic classes students may also participate on a voluntary basis in many additional training opportunities such as physical training and hands-on equipment training each week. Each semester there is a military social event and at least one optional weekend training session that includes such events as military marksmanship, cross country orienting, military rappelling, leadership application courses and obstacle/confidence courses. During breaks and vacations students can volunteer for active army training such as military parachute operations, helicopter operations, military mountain climbing and training with active army units in the United States and overseas. All training is cost free to the student; and, students are paid for some summer training courses.

The ROTC program consists of two programs, the basic course normally given during the freshman and sophomore years consisting of MS 211, MS 212, MS 221, and MS 222. The advanced course normally taken during the junior and senior years consists of MS 231, MS 232, MS 241, MS 242 and MS 251.

Students who have completed basic training in any U.S. service may qualify for placement in the advanced course. Additionally students who have not completed the ROTC basic course may qualify for the advanced course by attending a paid five-week long Leadership Training Course conducted at Fort Knox, Kentucky.

Freshman and sophomore students can compete for two and three-year ROTC scholarships that pay up to \$17,000 per year for tuition and up to \$600 per year for books in

addition to the monthly stipend. For the past three years all qualified students who applied for Army ROTC Scholarships received a three or four-year campus based scholarship. The Army will commission successful graduates as a second lieutenant with a starting salary of over \$30,000 per year plus medical and dental benefits as well as 30 days paid vacation per year.

For more information of the ROTC program at King's College contact the Military Science Department at 570-208-5900 ext. 5305 or ext. 5301.

Course Descriptions

Military Science (MS)

MS 100 — Physical Fitness Training (1 credit)

U.S. Army Master Fitness trainers supervise a modern fitness program based on the latest military fitness techniques and principles. The classes are conducted on Monday, Wednesday and Friday at the King's College Scandlon Fitness Center and are one hour each.

MS 211/2 — Concepts of Leadership I & II

Instruction focuses on providing a basic understanding of the Army and general military knowledge and skills while concentrating on leadership skills and civic responsibilities important to everyone. Classes are one hour each week.

MS 221/2 — Dynamics of Leadership I & II (2 credits each)

Instruction is designed to familiarize students with basic military leadership at the junior leader and immediate supervisor level. Classes are two hours each week.

MS 231/2 — Basic Military Leadership I & II (2/1 Credits)

Instruction focuses on continued leadership development. Students are trained and evaluated on developing, managing and presenting training to the MS I & II cadets. The goal of the MSIII year is to prepare students for the National Advanced Leadership Camp. Classes are two hours each week. Prerequisite: Advanced placement credit.

MS 241/2 — Advanced Military Leadership I & II (2/1 Credits)

Instruction focuses on teaching students to function as a member of a staff and continues to develop leadership skills. This course covers public speaking, military briefing, effective writing as well as training management, and administrative and logistical support. Classes are two hours each week.

MS 251 — Leadership Application Laboratory (No credit)

This class focuses on hands on application and reinforcement of classroom instruction as well as teaching weapons, first aid, land navigation and tactical leadership. This class meets at The University of Scranton for two hours each week and is highly encouraged for students in the basic course and is required for students in the advanced course.

Army ROTC Scholarships

Two, three and four-year scholarships are available for students enrolled fulltime at King's College. Candidate selection is merit based and recipients receive \$17,000 per year for tuition, \$600 per year for books and a monthly stipend ranging from \$2,500 to \$4,000 per year for general expenses. Additionally King's offers a limited number of room and board scholarships to Army ROTC high school scholarship recipients. For additional information call the King's College Military Science Department at 570-208-5900 ext. 5305 or

The University of Scranton Leadership Studies Department at 570-941-7457 or call 1-800-USA-ROTC. You can also visit the United States Army Cadet Command web site at <http://www-rotc.monroe.army.mil/scholarships/> for an application.

College Life





Campus Life at King's

Campus Ministry

Rooted in the Catholic tradition and in the spirit of the Congregation of Holy Cross, the Office of Campus Ministry serves the college community by striving to witness to faith, Christian values, and community. The challenge of the Campus Ministry Team is to build community. It is that place where shared values can be discovered, actualized, and celebrated.

Campus Ministry reaches out to people of all faiths, standing with people of all traditions, as they participate in their unique spiritual journeys. Our Sunday worship experiences are vibrant and engaging for the young adult. All students are urged to participate and are welcome to actively minister as readers, extraordinary communion ministers, altar servers, cantors, choir members, and hospitality ministers. Training for these ministries is provided by the Campus Ministry Team.

In concert with the College's commitment to encourage openness to multicultural diversity, Campus Ministry plays a role in ritualizing and celebrating the diversity we already celebrate at King's. Catholicism embraces a spirit of good will toward all people, a spirit of universality, interfaith dialogue, and ecumenism.

Whenever and wherever possible the Campus Ministry Team fosters the community life of the College. Whether through informal and spontaneous conversations, pastoral counseling sessions, the campus retreat program, evenings of reflection or the interfaith Scripture reflection gatherings, students are given the opportunity to plumb the depths of their spiritual life in a safe and caring community environment. Students interested in entering the Catholic community can discern their call through the Rite of Christian Initiation of Adults.

Campus Ministry encourages the King's community to live a deeper spiritual life, both in prayer and outreach. Volunteer opportunities abound through the Office of Volunteer Services. Students are empowered to develop programs in response to the needs they recognize. Our students are constantly challenged to respond ever more deeply in their spiritual and social existence.

Short and long-term volunteer assignments are available to fit every student's interests and busy schedule. A few of the opportunities include:

- **CitySERVE:** an orientation service day for incoming freshmen serving the needs of the Greater Wilkes-Barre Community
- **SpringSERVE and FallSERVE:** International and United States travel opportunities to serve.

- **WinterSERVE:** this inter-semester break provides opportunities to serve in shelters in Arizona.
- **SummerSERVE:** short and long term placements allow students to spend summer days in serving.

Other local opportunities include:

- Tutoring at the YMCA
- Habitat for Humanity
- Big Brothers and Big Sisters
- OxFam and Hunger Week Activities
- Radio reading for the blind
- St. Vincent de Paul Kitchen
- Adopt-a-Grandparent

Orientation

Orientation for new students at King's is a process that actually begins with the variety of contacts new students and their parents have with the College from the time of admission through the first semester. However, the most comprehensive orientation process takes place in a four-day period held prior to the beginning of classes in the fall semester.

The purpose of Orientation is to assist new students with their adjustment to the academic and social environment of the College. The Orientation program encourages students to participate in activities with Orientation Assistants (upper-class students), faculty, and administration, in order to address issues that many new students will face during their college careers. Orientation is extended into the beginning of the fall semester for first year students through their involvement in the First Year Experience Seminar.

Transfer students are invited to attend a separate and distinct orientation, and also to participate in the First Year Student Orientation. Transfer students are advised in the Academic and Student Life Policies of the College, and are also invited to discuss concerns that are unique to transfer students.

An abbreviated Orientation is offered to new students who enter King's for the first time in the spring semester.

The First Year Experience Seminar (FYE 010)

The First Year Experience Seminar is designed to introduce first year King's students to the multiple dimensions of college life and to the King's College community in general. Over the course of 14 sessions, led by a faculty instructor and student assistant and presented in an interactive format, students will be challenged to draw full benefit from their experience at King's. Besides receiving timely information concerning student services and college expectations, first year students will have an extended experience of four major modules:

- Intellectual Development
- Service Learning
- Career Planning
- Social Issues

Seminar participants will also be expected to attend at least four campus events (from a list of recommended activities) during the semester.

This program of continuing orientation and formation supports and fosters the King's commitment to promoting intellectual, moral and spiritual development in a student-centered learning environment. Successful completion of the one-credit FYE Seminar is a requirement for graduation.

The Debate Team

Membership in the Debate Team is open to the student body. Its primary purpose is the development of reasoning processes, research skills, and oral communication. Emphasis is placed on policy debate, which King's uses in its regional and national debate circuit.

The Team holds membership in: The American Forensics Association, The Eastern Forensics Association, Delta Sigma Rho-Tau Kappa Alpha, The National Honorary Debate Fraternity, and The American Debate Association. As part of its debate community obligation, the Team sponsors the Connelly-Garvey Intercollegiate Invitational Debate Tournament. In addition, Team members are frequently asked by the media to judge presidential, state, and local debates. The Team has been invited to the National Debate Tournament for each of the last four years.

Honorary and Professional Societies

The College celebrates the distinguished academic achievements of students each spring at the All-College Honors Convocation. On this occasion students who have merited induction into the various college honor societies are formally recognized for their academic distinction.

Alpha Epsilon Delta was founded in 1926 to recognize scholastic excellence in students planning careers in the health or basic sciences. The Pennsylvania Lambda Chapter, King's College, was established in 1989 and is now one of eleven such active AED chapters in the Commonwealth. Membership is open to: sophomores with cumulative G.P.A. and G.P.A. for all science courses of 3.40; to juniors with G.P.A.'s of 3.30; and, to those seniors with science an overall G.P.A. of 3.20 who are planning careers in medicine, osteopathy, dentistry, podiatry, optometry, pharmacy, veterinary medicine, physician assistant, or in the basic sciences. Members must also manifest the personal qualifications consistent with the highest standards of those professions.

Alpha Epsilon Lambda was founded in 1990 by former officers of the National Association of Graduate-Professional Students. Before AEL, no honor society was devoted exclusively to recognizing graduate students. The mission of Alpha Epsilon Lambda is to promote ethics, intellectual achievement, and leadership among graduate students. Members of AEL also help sponsor on-going service projects that benefit all graduate students at their institutions. The King's College Chapter was established in 1999. To be invited to apply for membership, graduate students must have completed a specific number of credits in their graduate programs; place in the top 35% of that graduate program academically (G.P.A.); and have an outstanding record of leadership, scholarship, research and service activities. Admission to membership is decided by the Graduate Policy Committee, whose members are: the Director of the Graduate Programs, the Directors of the

individual graduate programs, the Dean of the College of Arts and Sciences, and the Director of the McGowan School of Business.

Alpha Mu Gamma was founded nationally in 1931 for the purpose of recognizing superior achievement in the advanced study of foreign languages at the college level. The Eta Gamma Chapter at King's was founded in 1969. An overall G.P.A. of 3.0 (4.0 scale) and a G.P.A. of 3.2 in at least three advanced foreign language courses are required for admission.

Alpha Phi Sigma was founded in 1942 to recognize scholastic excellence by undergraduate and graduate students in the criminal justice sciences. The Alpha Lambda Sigma Chapter at King's was founded in 1985. An overall G.P.A. of 3.0 (4.0 scale), a G.P.A. of 3.2 after the completion of at least four criminal justice courses and a ranking in the top 35 percent of the student's class are required for admission.

Alpha Sigma Lambda is the national honor society for students in continuing higher education and is dedicated to the advancement of scholarship and the recognition of high scholastic achievement by adult learners in continuing higher education. The national organization was founded in 1946. The King's Alpha Omega Chapter was established in 1974 and is open to adult learners who have shown outstanding academic achievement, the fostering of intellectual activities, and the promise of leadership.

Aquinas Society founded in 1953 is King's honor society. Named in honor of St. Thomas Aquinas, it recognizes students of superior academic ability and achievement who are also involved in significant extra-curricular activities (i.e., which offer a service to the King's College community or involve leadership in campus organizations or activities). Juniors and Seniors with a minimum G.P.A. of 3.4 (4.0 scale) who have attained the Dean's List for at least four of their semesters at King's are eligible for admission.

Chi Alpha Epsilon is the national honor society for students who are admitted to colleges and universities via developmental program pathways. The national organization was founded in 1990 to promote continued high academic standards, foster increased communication among its members, and honor academic excellence. The King's Alpha Lambda Chapter was established in 1999 and admits full-time junior and senior ACT 101 students who have achieved a 3.00 cumulative G.P.A. for at least two consecutive semesters, and have been active participants in the program.

Delta Epsilon Sigma is the national scholastic honor society for students, faculty and alumni of colleges and universities with a Catholic tradition. The national organization was founded in 1940. The King's Gamma Sigma Chapter was established in 1963. Candidates for membership must have a record of outstanding academic accomplishment and must have completed at least 50 percent of the course and credit requirements for the baccalaureate degree with a minimum 3.50 cumulative G.P.A., and a distinction of performance which would make them eligible for graduation with cum laude honors.

Delta Mu Delta, the national honor society in Business Administration, was founded in 1913, for the dual purpose of promoting scholarship in business administration and for recognizing and rewarding business administration students who have distinguished themselves academically. The King's Epsilon Omicron Chapter was established in 1990 and admits junior and senior students who have attained a G.P.A. of 3.20 (4.00 scale), and are business administration majors, invited faculty members and honorary members.

Kappa Delta Pi Tau Pi Chapter of Kappa Delta Pi, an international honor society in education, was chartered at King's College in the fall of 1993. Kappa Delta Pi, founded in 1911, has a membership of nearly 60,000 in more than 400 universities, colleges, and alumni chapters. An invitation for membership in Tau Pi is based on high academic achievement (minimum cumulative G.P.A. of 3.40), a commitment to education as a career, and a professional attitude that assures the members steady growth in the field of education. One's personal attitude toward life and teaching are also considerations.

The Lester Saidman Physician Assistant Student Society was founded in 1979, named in honor of local physician Lester Saidman, M.D., who was initially involved in establishing a PA Program in the Wyoming Valley. Dr. Saidman was past Medical Director of the King's College Physician Assistant Program. The Society is recognized nationally by the Student Association of the American Academy of Physician Assistants. Junior and/or Senior PA majors are chosen to represent the society at the annual National Physician Assistants' Conference.

Mu Kappa Tau, the national honor society in marketing, was founded in 1966 by members of Pi Sigma Epsilon, the National Professional Fraternity in Marketing, Sales Management and Selling. The goals of Mu Kappa Tau are to promote the advancement of study in the field of the Marketing discipline, and to develop an exceptional standard of ethics and achievement within the marketing milieu. The King's College Chapter was established in 1995 and admits junior and senior marketing students who have attained an overall cumulative G.P.A. of 3.20 (4.0 scale).

Omicron Delta Epsilon was founded in 1963 for the purpose of recognizing scholastic attainment and for honoring outstanding achievement in Economics as well as establishing closer ties between students and faculty in economics. The King's Alpha Mu of Pennsylvania Chapter was established in 1991 and admits students having a minimum cumulative G.P.A. of 3.25 with either a major or minor in economics and who have completed 18 credit hours in Economics. Membership is also extended to faculty.

Phi Alpha Theta, the international honor society in history, was established in 1921 to promote the study of history by the encouragement of research, good teaching, publication and the exchange of learning and thought among historians. The King's Mu Delta Chapter was founded in 1967. Membership is granted by election of candidates who have completed at least four undergraduate history courses with a minimum G.P.A. of 3.3 (4.0 scale), a minimum grade-point average of 3.0 in two-thirds of all undergraduate courses completed and a scholastic ranking in the upper 35 percent of the student's class.

Phi Sigma Tau, the national honor society in philosophy, was founded in 1930 to serve as a means of awarding distinction to students having high scholarship and personal interest in philosophy; to encourage a professional spirit and friendship among those who have displayed marked ability in the field; and to popularize interest in philosophy among the general collegiate public. The King's Pi Chapter was established in 1979 and admits students who have achieved Dean's List status for three semesters and have a minimum G.P.A. of 3.5 (4.0 scale) in any two philosophy courses. Membership is extended to faculty whose scholarly achievements attest to their love of philosophy and interest in speculative inquiry.

Pi Sigma Alpha was founded nationally in 1920 to bring persons especially interested in the study of government into closer association with one another for mutual benefit. The Xi Psi Chapter at King's was founded in 1984. Membership in the society is open to political science majors with an overall G.P.A. of 3.4 (4.0 scale), invited faculty and honorary members.

Psi Chi is the national honor society for students in psychology. The national organization was founded in 1929 for the purpose of encouraging, stimulating and maintaining scholarship in, and advancing the science of, psychology. The King's Chapter was founded in 1972. Students accepted for admission must be juniors or seniors, be in the top one-third of their class, have a minimum G.P.A. of 3.4 (4.0 scale) and have high standards of personal behavior.

Sigma Tau Delta, the International English Honor Society, was founded in 1924 to confer distinction for: high achievement in English language and literature studies; promoting interest in literature and the English language on local campuses and in their surrounding communities; and for fostering the discipline of English in all of its aspects, including creative and critical writing. Members of the King's College Chapter, which was founded in 1995, must be junior or senior majors with an average in English of 3.4 or better (4.0 scale), with a minimum cumulative grade-point average of 3.0 (4.0 scale) and they must be nominated and elected by current members.

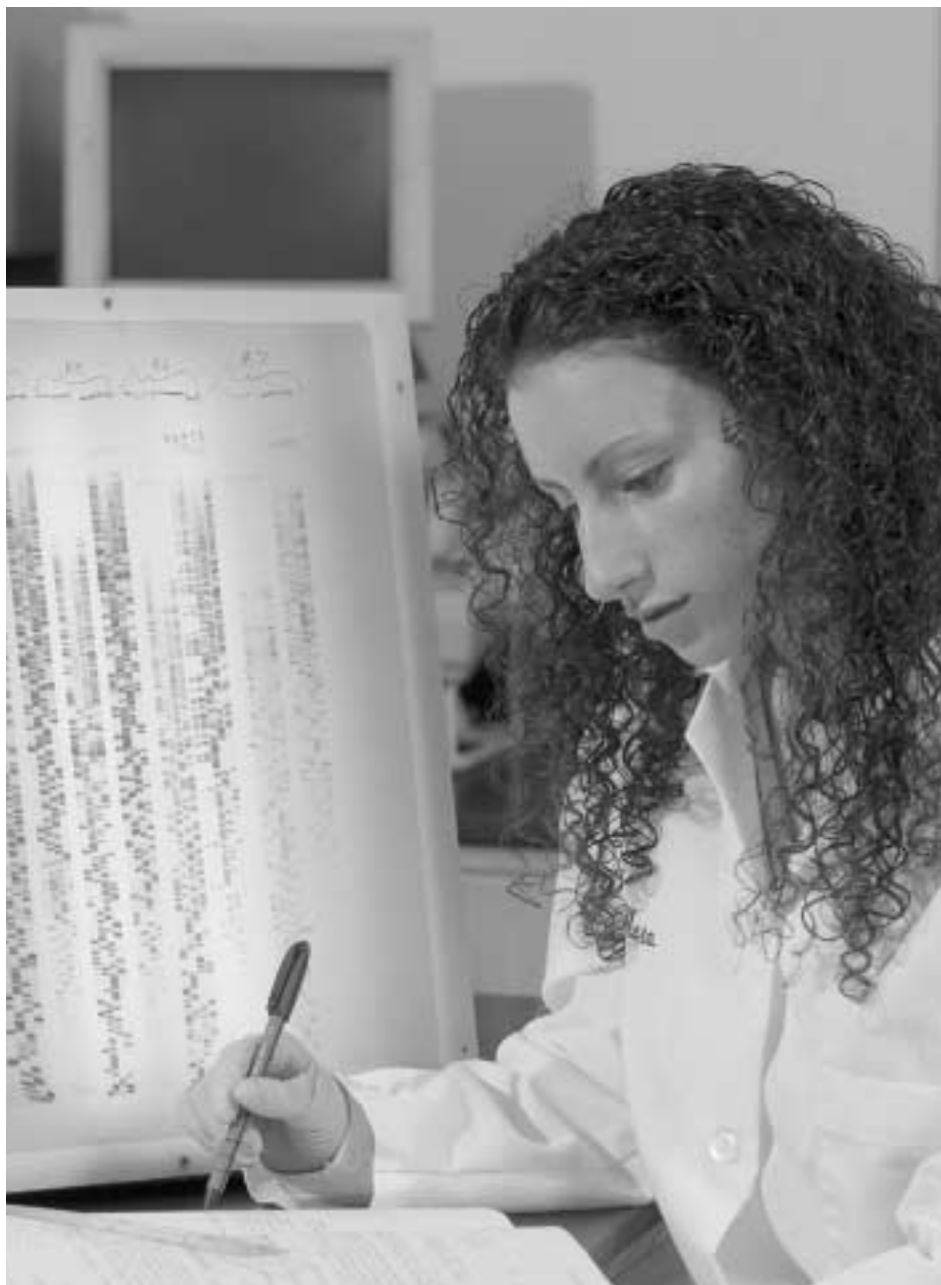
Theta Alpha Kappa is the national honor society established in 1976 for the purpose of recognizing excellence in theology and religious studies. The King's Beta Charter Chapter was also founded in 1976. An overall G.P.A. of 3.0 (4.0 scale) and a grade-point average of 3.5 after the completion of a minimum of four classes in theology and religious studies are required for admission.

Theatre

The King's Players offer all students a valuable opportunity to participate in stage presentations. In addition to gaining knowledge of acting and of technical stage work, students may through these experiences develop understanding of human motives and relationships.

The plays produced by the Theatre Department are chosen for their entertainment value as well as their educational and cultural interests. Comic and serious plays are produced each year, as are Shakespearean and other classical plays.

Academic Programs





Baccalaureate & Associate Degree Programs

Bachelor Degree Programs

The major sequence is intended to ensure that the student acquires depth in that field and sufficient exposure to neighboring disciplines so that the major subject can be placed in a proper context. A student's program is planned with the assistance of an advisor from the major department.

The major sequence can comprise a maximum of sixty semester hours of credit; of this number a maximum of forty credits can be specified in the major department with the balance designated for related fields. The major sequence will contain at least eight courses taken in the major field comprising at least twenty-four semester hours of credit. If the full sixty hours is not specified by the major department, the student will be able to schedule additional free electives in order to meet the College's quantitative degree requirement. In many cases, a second major is possible; but a student with this interest must seek early advisement.

The College offers programs of study leading to the Bachelor of Arts and Bachelor of Science degrees. The areas in which a student may pursue a major program are as follows:

Bachelor of Arts

Humanities

- English — Literature
- English — Writing
- French
- Mass Communications/Media Technologies
- Philosophy
- Spanish
- Theatre
- Theology

Business

- Economics

Natural Sciences

- Environmental Studies
- Mathematics

Social Sciences

- Criminal Justice
- Early Childhood Education
- Elementary Education
- History
- Political Science
- Psychology
- Sociology

Bachelor of Science

Natural Sciences

- *Athletic Training Education Program
 - Biology
- *Chemistry
- *Clinical Laboratory Science
 - (Medical Technology)
- *Computer Science
 - General Science
 - Environmental Science
 - Neuroscience
- *Physician Assistant

Social Sciences

- Gerontology
- Psychology

Technology

- Computers & Information Systems

**Requires more than sixty credits in the major program.*

Business

- *Accounting
- Business Administration
- Finance
- Human Resources Management
- International Business
- Marketing

Associate Degree Programs

Associate degree programs in specialized fields are offered at King's College. Applicants should follow the regular admission procedure. At least sixty credit hours are required for the Associate degree; of this number, at least the final thirty must be taken at King's College and this must include the greater portion of the major sequence as determined by the department chairperson. In addition to satisfying the quantitative requirement in credit hours, the student must maintain a minimum 2.00 G.P.A.

Due to the sequential nature of the associate and baccalaureate degrees, students may not simultaneously pursue both degrees. All requirements for awarding the associate degree must be completed at least one full academic year prior to the awarding of the baccalaureate degree.

Students enrolled at King's College in a baccalaureate degree program may not pursue an associate degree. Students who wish to pursue a specialized field in addition to the major field of study may pursue a second major, minor or certificate program which will be reflected on the student's transcript.

Associate degrees are awarded in the following major programs:

Associate of Science

- Business Administration
- Computers & Information Systems
- Gerontology
- Human Resources Management
- Marketing

Associate of Arts

Criminal Justice

Academic Minors

A minor concentration requires a minimum of six courses, representing at least eighteen credits, in the minor field of study. In addition, a department may add prerequisites or requirements in related fields, but the total will not exceed 60% of the department's major program requirements. Minor requirements are listed under departmental entries. In order to complete requirements for a minor, the student must take the majority of credits in the minor field at King's.

Minor areas of concentration (minors) are permitted, but not required. The following minor concentrations are available:

Minor Concentrations

Accounting	Human Resource Management
Biology	International Business
Business Administration	Latin American Studies
Chemistry	Marketing
Computers & Information Systems	Mass Communications
Computer Science	Mathematics
Criminal Justice	Neuroscience
Economics	Philosophy
English — Literature	Physics
English — Writing	Political Economy
Environmental Studies	Political Science
Ethics and Values	Psychology
Finance	Sociology
Forensic Science	Spanish
French	Theatre
Gerontology	Theology
Health Care Administration	Women's Studies
History	

Accounting

Dr. Barry Williams, Chairperson

King's accounting majors learn the skills necessary for success in a dynamic global business environment. Built upon the King's College innovative student learning assessment program, competency based course content focus learning upon the technical competencies contributed by accounting professionals to the success of the business enterprise. The college core curriculum, business foundation courses and major courses emphasize an awareness of personal values, character development, and an understanding of liberal learning competencies applied in a business context, such as communication, analytical thinking, team building, and strategic planning.

Preparation for entry into the accounting profession has moved beyond the traditional auditing and tax functions to integrating knowledge of accounting in general consulting, and technology management roles. This education reflects the emerging career paths, which encompass business advisors, litigation support specialists, technology consultants, financial/estate planners, and forensic accounting.

Accounting majors are encouraged to sample widely in their selection of Core courses and from the elective offerings of the other divisions of the College with the conviction that an effective foundation for life-long learning and continuing professional development, in any career, is built upon the ideas and ideals of a liberal education. The emphasis on early interaction in engaging students to focus on the career development and planning process allows students the time and opportunity to: explore career options; identify academic majors and academic minors that fit their interest's values and abilities; engage in resume building experiences; and develop effective employment search skills which will result in successful placement upon graduation.

The curriculum in accounting provides the technical preparation for students who later may want to qualify as Certified Public Accountants (CPA's) in Pennsylvania, Certified Management Accountants (CMA's) or Certified Internal Auditors (CIA's). Course requirements for the CPA examination in states other than Pennsylvania will be met if the student selects courses recommended by the Department.

To continue in the King's College Accounting Program (i.e., enroll in ACCT 270 – Intermediate Accounting II,) a student must have earned a minimum 2.0 G.P.A. in Intermediate Accounting 260. This requirement also applies to transfer students and to those students pursuing an Accounting Minor. With written permission from the chairperson, accounting majors may participate in an accounting internship for which a maximum of six credit hours may be granted per semester.

Education Requirements

REQUIRED CORE COURSES (9 CREDITS)

CORE 153	Principles of Economics: Macro
CORE 287	Ethics, Business and Society
MATH 121	Calculus I

BUSINESS FOUNDATIONS (33 CREDITS)

ECON 112	Principles of Economics: Micro
ECON 221	Quantitative Methods for Business and Economics
MSB 110	Introduction to Financial Accounting
MSB 120	Introduction to Management Accounting and Planning
MSB 130	Introduction to Computer Applications for Business
MSB 200	Principles of Management
MSB 210	Principles of Marketing
MSB 305	Organizational Behavior
MSB 320	Financial Management
MSB 330	Business Law I
MSB 480	Strategic Management

MAJOR SEQUENCE REQUIREMENTS (29 CREDITS)

ACCT 260	Intermediate Accounting I
ACCT 270	Intermediate Accounting II
ACCT 280	Intermediate Accounting III
ACCT 310	Advanced Financial Accounting
ACCT 340	Advanced Managerial Accounting
ACCT 410	Auditing
ACCT 420	Tax Accounting
ACCT 440	Accounting Information Systems
BUS 345	Business Law II
CARP 412	Career Planning II (1 credit)
PS 294	Leadership for 21st Century (1 credit)

ELECTIVES

Elective (6 Credits) — Students may choose from any elective course offered/accepted by the College including non-business courses. Students are recommended to utilize these elective credits in an Internship experience.

Elective (3 Credits) — Students MUST choose a non-business course to fulfill these elective credits.

MINOR SEQUENCE REQUIREMENTS

(6 COURSES — 18 CREDITS)

Monitoring of student progress in pursuing a minor in Accounting is necessary to enhance the student learning experience. Therefore, a written declaration must be submitted by the student to the Registrar.

ACCT 260	Intermediate Accounting I
ACCT 270	Intermediate Accounting II
ACCT 280	Intermediate Accounting III
ACCT 320	Advanced Managerial Accounting
ACCT 420	Tax Accounting

MSB 130 — Introduction to Computer Applications for Business

All McGowan School of Business (MSB) courses numbered 300 and above and all Accounting courses beyond MSB 110 and MSB 120 must be completed at King's College for King's to award the B.S. degree or minor sequence in Accounting or for the fulfillment of any required course in any other degree or minor programs offered through the William G. McGowan School of Business unless permission is granted by the Department Chair in writing prior to the start of any coursework.

Course Descriptions

MSB 110 — Introduction to Financial Accounting (3)

A survey of the financial accounting concepts and procedures used as applied to service and trading business with an emphasis upon the uses and interpretation of financial statements. Previously ACCT 110.

MSB 120 — Introduction to Management Accounting and Planning (3)

An Introduction to the role of accounting information in the measurement of business and employee performance, and to facilitate planning decisions such as product and service selection, budgeting, investments, and profit measurement. Prerequisite: MSB 110. Previously ACCT 120.

ACCT 260 — Intermediate Accounting I (3)

The first upper-level course in a comprehensive sequence in financial accounting with an emphasis upon the study of the generally accepted accounting principles underlying financial statements. These topics are discussed in the context of professional standards, ethical values and fundamental accounting concepts. The course focus' upon the accounting concepts and procedures utilized in a technology based business environment. Prerequisite: MSB 110 and 120.

ACCT 270 — Intermediate Accounting II (3)

A thorough study of the balance sheet components, such as cash, receivables, inventories, operational assets, and liabilities, and stockholder's equity. In addition, concepts fundamental to accounting are analyzed, with special attention given to revenue recognition. Prerequisite: ACCT 260 (A student must have earned a minimum 2.0 G.P.A.).

ACCT 280 — Intermediate Accounting III (3)

Focus on the formation and financial operations of the corporation. Debt and equity transactions such as those encompassing investments in securities, leases, derivatives, deferred income taxes, and pension plans are examined in detail. The reporting function of the corporation as interim and segment reports are reviewed. Prerequisite: ACCT 270.

ACCT 310 — Advanced Accounting (3)

Topics include accounting for business combinations, segment reporting, and financial reporting by multinational companies, including approaches to foreign currency translation. Complex problems of the partnership and accounting for a non-profit organization will be included. Prerequisite: ACCT 280. ACCT 280 may be taken concurrently.

ACCT 340 – Advanced Managerial Accounting (3)

A study of the broad range of cost and advanced managerial accounting concepts. Topics include the measurement and accumulations of costs, including direct and indirect costs, costs allocation procedures, cost volume relationships, and the application of overhead. The controls in applying cost accounting to the design of the information system, inclusive of the flexible budgets, responsibility accounting, profit center analysis and standard

costs will be studied. How cost accounting assists in decision making and planning for capital budgeting and inventory planning will be considered. Previously ACCT 320 — Cost Accounting. Prerequisite: MSB 110 and 120.

ACCT 410 — Auditing (3)

A study of the contributions of the independent accountant or the internal auditor to the reliability of financial and other data. Topics include generally accepted auditing standards, professional ethics, accountant's legal responsibilities, internal control, and the auditor's reports, utilizing the computer to audit, auditing computerized systems, and statistical sampling. Prerequisites: ACCT 280, 310, 320. ACCT 280 and 310 may be taken concurrently.

ACCT 420 — Tax Accounting (3)

Taxes and their impact on decision-making. Tax principles will be applied to cases involving individuals, corporations, and partnerships. Prerequisite: MSB 110 and 120.

ACCT 440 — Accounting Information Systems (3)

This course provides the accounting major with a systems perspective applied to traditional and current accounting topics. Topical coverage includes accounting systems concepts and tools, the structure of internal control in a computerized environment, and the cycle of transaction processing. Prerequisites: MSB 130 and ACCT 280. Previously ACCT 370 — Accounting Information Systems.

ACCT 460 — Advanced Federal Taxation (3)

A study of federal taxation involving partnerships, corporations and estates and trusts. Problem solving, planning, and research, will be emphasized. Prerequisite: ACCT 420.

ACCT 470 — Accounting Policy & Professional Responsibility (3)

This course will familiarize the Accounting major with the GAAP Standard Setting process and function of the Financial Accounting Standards Board (FASB) and The Securities and Exchange Commission (SEC). It will also integrate professional responsibility of the accountant through case study analysis of ethical issues. Prerequisite: ACCT 410.

ACCT 480 — CPA Review (3)

A study of pronouncements of the CPA Review, including the Financial Accounting Standards Board, the Securities and Exchange Commission as well as a review of theories and problems of accounting as related to the CPA examination. Recommended elective for second semester junior and senior accounting majors. Prerequisites: ACCT 310, 320, 420.

ACCT 490 — Independent Study in Accounting (3)

Advanced projects in a specialized area of Accounting under the supervision of a faculty member in the Accounting Department. *Senior status required. Open to juniors only with permission of the Department Chairperson.*

ACCT 498 – Topics (3)

Topics selected from contemporary accounting issues which may be offered from time to time to meet the need of the students. Prerequisites may be required based upon the content of the course.

ACCT 499 — Accounting Internship (1-6)

A work experience meeting time requirements for the credits earned within a recognized accounting firm or industry setting. *Selection determined by academic background and interviews with Department Chairperson approval required in writing prior to the work experience. Open to accounting majors only.*

Athletic Training Education Program

Mr. Jeremy Simington, Program Director

The King's College Athletic Training Education Program is accredited by the Commission on Accreditation of Allied Health Education Programs (CAAHEP), and is designed to educate future professionals to become Board of Certification (BOC) Certified Athletic Trainers. Certified Athletic Trainers are recognized by the American Medical Association as Allied Health Professionals who serve in continually expanding roles in the Sports Medicine/Athletic Training Profession. The state-of-the-art Sports Medicine Clinic offers all the latest technology and equipment, and serves as a premier learning facility for the Athletic Training Student. The emphasis of the Athletic Training Education Program is on providing the Athletic Training Student with an excellent foundation of academic and clinical knowledge.

Degree Offered

Bachelor of Science (B.S.)

Special Features

- CAAHEP Accredited
- 100% Pass rate on BOC Examination
- 100% Placement rate of program graduates
- State-of-the-art Sports Medicine Clinic
- Cutting-edge technology and equipment
- Clinical experience beginning early in the Fall semester of the freshman year
- Outstanding Faculty of seven Certified Athletic Trainers to give individualized attention to the Athletic Training Student

Career Options

Statistics indicate that a high number of Athletic Training Students who graduate from Athletic Training Education Programs find placement in their field. Following graduation, the Athletic Training Student may choose to pursue graduate studies in an unlimited number of programs, or choose from one of the career settings listed below.

High School

College/University

Professional

Industrial

Corporate

Clinical

Research

Medical Sales

Fitness Centers

Pre-Professional Phase

This component of the curriculum is designed to provide the Athletic Training Student with the core curriculum of the College and an introductory study and clinical experiences in Sports Medicine/Athletic Training. Athletic Training Students in the Pre-Professional Phase will have the opportunity to immediately become involved with the daily operation

of the Sports Medicine Clinic and Athletic Training Room during their freshman year. The Athletic Training Student is also encouraged to utilize the state-of-the-art facilities and equipment by assisting in the treatment of various athletic and orthopedic injuries. Prior to admission into the program, The Athletic Training Student must fulfill the technical standards that have been set forth in the program. Please contact the Admissions Office for more information concerning this requirement.

In the Pre-Professional Phase, the Athletic Training Student will take courses such as Introduction to Sports Medicine/Athletic Training, Emergency Care of Athletic Injuries, Biology, Chemistry, Applied Biophysics, Anatomy and Physiology, Prevention and Care of Athletic Injuries, Kinesiology, Exercise Physiology, and Principles of Health.

Requirements for entry into the Professional Phase:

1. Completion of all Pre-Professional Phase Athletic Training Education Program (ATEP) courses. (Refer to the Pre-Professional Phase course listing).
2. A minimum overall/cumulative grade point average of 2.50.
3. A minimum grade point average of 2.50 in all prerequisite science courses and Pre-Professional Phase ATEP courses.
4. A minimum grade of "C" in all prerequisite science courses and all Pre-Professional Phase ATEP courses.
5. All Freshman and Sophomore clinical proficiencies must be completed and successfully passed.
6. Student membership in the National Athletic Trainers' Association.
7. Current Red Cross CPR/AED for the Professional Rescuer and First Aid Certification. (This will be earned in the Emergency Care of Athletic Injuries course).
8. A minimum of fifteen Professional Activity Points must be earned, documented and approved by the Program Director.
9. The Athletic Training Student must apply and be admitted to the Professional Phase of the program. Application is made in the spring of the Sophomore year, with the written application due in March. A formal interview will take place in April. The Sports Medicine Advisory Committee evaluates the candidates for the Professional Phase. It is the objective of the Committee to admit only qualified Athletic Training Students. The Committee evaluates criteria including cumulative grade point average, grade point average in Pre-Professional courses, work ethic, professionalism, enthusiasm, initiative, attitude, punctuality, committee interview results, clinical evaluation, entrance exam score, and a Faculty evaluation of the student.
10. Using the selection criteria, a minimum score of 75 must be achieved for full admittance.

At the end of the spring semester, each candidate will receive notification from the Program Director. When the Athletic Training Student receives acceptance, the two-year Professional Phase will begin. Approximately fifteen applicants are selected into the Professional Phase of the King's College Athletic Training Education Program yearly. An early-accept option to reserve a seat in the Professional Phase of the program is available to qualified Athletic Training Students. Please contact the Program Director or the Admissions Office for specific criteria regarding this option. Athletic Training Students denied admission, or those who, after admission, are dismissed following failure to meet expectations after a probationary period, are encouraged to rectify any deficiencies and reapply to the program the following year.

Breakdown of the selection criteria:

1. Application Form and Essay — 15%
2. Quality Point Average — 40%
(This is a combination of the candidate's Pre-Professional Phase course GPA and cumulative GPA.)
3. Pre-Professional Phase Clinical Experiences — 15%
(This is the average of grades received In Sports Medicine Athletic Training Clinical I and Clinical II courses.)
4. Faculty Evaluation of the Student — 5%
(This is an evaluation of the candidate's classroom performance by a faculty member outside of the Department of Sports Medicine.)
5. Entrance Exam Score — 10%
(This is a cumulative exam based on the candidate's Pre-Professional Phase courses. The Program Director will notify the candidate of the date, time, and location.)
6. Entrance Interview — 15%
(This is a formal interview, which will take place in April. The Program Director will notify the candidate of the date, time, and location.)

Professional Phase

This phase of the program is designed to provide the Athletic Training Student with high-level, comprehensive, academic and clinical experiences. Some of the courses to be completed in the Professional Phase include: Orthopedic Evaluation of Athletic Injuries; Therapeutic Modalities, Therapeutic Exercise; Pathology & Athletic Performance, Pharmacology in Sports Medicine; Nutrition and the Athlete; Senior Seminar; Current Trends and Topics in Sports Medicine/Athletic Training; and Organization and Administration of Sports Medicine/Athletic Training. As the Athletic Training Student progresses through the Professional Phase, he or she will be given greater responsibilities and become more directly involved in the care of the athletes. Only Athletic Training Students who are in the Pre-Professional or Professional Phases of the Athletic Training Education Program are permitted to participate as Athletic Training Students at King's College or any of its associated clinical sites.

Graduation Requirements

1. Completion of all courses in the Professional Phase of the Athletic Training Education Program curriculum.
2. A minimum overall/cumulative grade point average of 2.50.
3. A minimum cumulative grade point average of 2.50 in the Athletic Training Education Program Professional Phase courses.
4. A minimum grade of "C" in all Athletic Training Education Program Professional Phase courses.
5. All clinical proficiencies must be completed and successfully passed.
6. Membership in the National Athletic Trainers' Association.
7. Current Red Cross CPR/AED for the Professional Rescuer and First Aid Certification.
8. A minimum of forty-eight Professional Activity Points must be earned, documented and approved by the Program Director.

Pre-Professional Phase Courses

BIOL 221	Anatomy & Physiology I
BIOL 221-L	Anatomy & Physiology I Lab
BIOL 222	Anatomy & Physiology II
BIOL 222-L	Anatomy & Physiology II Lab
CHEM 107	General Chemistry
CHEM 107-L	General Chemistry Lab
PHYS 108	Applied Biophysics
PHYS 108-L	Applied Biophysics Lab
ATEP 101	Introduction to Sports Medicine/Athletic Training
ATEP 165	Emergency Care of Athletic Injuries
ATEP 202	Sports Medicine/Athletic Training Clinical I
ATEP 203	Sports Medicine/Athletic Training Clinical II
ATEP 230	Prevention & Care of Athletic Injuries I
ATEP 231	Prevention & Care of Athletic Injuries II
ATEP 245	Principles of Health
ATEP 280	Kinesiology
ATEP 290	Exercise Physiology

Professional Phase Courses

CORE 154	Psychological Foundations
ATEP 302	Sports Medicine/Athletic Training Clinical III
ATEP 303	Sports Medicine/Athletic Training Clinical IV
ATEP 305	Orthopedic Evaluation of Athletic Injuries I
ATEP 306	Orthopedic Evaluation of Athletic Injuries II
ATEP 310	Therapeutic Modalities
ATEP 310-L	Therapeutic Modalities Lab
ATEP 311	Therapeutic Exercise
ATEP 311-L	Therapeutic Exercise Lab
ATEP 325	Nutrition and the Athlete
ATEP 402	Sports Medicine/Athletic Training Clinical V
ATEP 403	Sports Medicine/Athletic Training Clinical VI
ATEP 410	Pathology & Athletic Performance
ATEP 422	Organization & Administration of Sports Medicine/Athletic Training
ATEP 435	Pharmacology in Sports Medicine
ATEP 460	Current Trends & Topics in Sports Medicine/Athletic Training
ATEP 480	Senior Seminar

Education Requirements

MAJOR REQUIREMENTS

(34 COURSES — 83 CREDITS)

BIOL 221	Anatomy & Physiology I (3)
BIOL 221-L	Anatomy & Physiology I Lab (1)
BIOL 222	Anatomy & Physiology II (3)
BIOL 222-L	Anatomy & Physiology II Lab (1)
CORE 154	Psychological Foundations (3)
CHEM 107	General Chemistry (3)
CHEM 107-L	General Chemistry Lab (1)
PHYS 108	Applied Biophysics (3)
PHYS 108-L	Applied Biophysics Lab (1)
ATEP 101	Introduction to Sports Medicine/Athletic Training (3)
ATEP 165	Emergency Care of Athletic Injuries (2)
ATEP 202	Sports Medicine/Athletic Training Clinical I (2)
ATEP 203	Sports Medicine/Athletic Training Clinical II (2)
ATEP 230	Prevention & Care of Athletic Injuries I (3)
ATEP 231	Prevention & Care of Athletic Injuries II (3)
ATEP 245	Principles of Health (3)
ATEP 280	Kinesiology (3)
ATEP 290	Exercise Physiology (3)
ATEP 302	Sports Medicine/Athletic Training Clinical III (2)
ATEP 303	Sports Medicine/Athletic Training Clinical IV (2)
ATEP 305	Orthopedic Evaluation of Athletic Injuries I (3)
ATEP 306	Orthopedic Evaluation of Athletic Injuries II (3)
ATEP 310	Therapeutic Modalities (3)
ATEP 310-L	Therapeutic Modalities Lab (1)
ATEP 311	Therapeutic Exercise (3)
ATEP 311-L	Therapeutic Exercise Lab (1)
ATEP 325	Nutrition and the Athlete (3)
ATEP 402	Sports Medicine/Athletic Training Clinical V (2)
ATEP 403	Sports Medicine/Athletic Training Clinical VI (2)
ATEP 410	Pathology & Athletic Performance (3)
ATEP 422	Organization & Administration of Sports Medicine/Athletic Training (3)
ATEP 435	Pharmacology in Sports Medicine (3)
ATEP 460	Current Trends & Topics in Sports Medicine/Athletic Training (3)
ATEP 480	Senior Seminar (3)

Curriculum Sequence

ATHLETIC TRAINING EDUCATION PROGRAM

First Year

Introduction to SM/AT 101	3	Emergency Care of Athletic Injuries 165	2
General Chemistry 107	3	General Applied Biophysics 108	3
Chemistry 107-L	1	Applied Biophysics 108-L	1
CORE 100	3	CORE 110	3
CORE 130	3	CORE 132	3
CORE 115	3	CORE 120	3
FYE 010	1	FYE 010	1
		Computer Science 101	1
	17		17

Second Year

Prevent & Care of	3	Prevent & Care of	3
Athletic Injuries I 230		Athletic Injuries II 231	
Kinesiology 280	3	Exercise Physiology 290	3
SM/AT Clinical I 202	2	SM/AT Clinical II 203	2
Biology 221	3	Biology 222	3
Biology 221-L	1	Biology 222-L	1
CORE 150	3	Principles of Health 245	3
CORE 160	3	CORE 16x	3
	18		18

Third Year

Orthopedic Eval. of	3	Orthopedic Eval. of	3
Athletic Injuries II 305		Athletic Injuries II 306	
Therapeutic Modalities 310	3	Therapeutic Exercise 311	3
Therapeutic Modalities 310-L	1	Therapeutic Exercise 311-L	1
SM/AT Clinical III 302	2	SM/AT Clinical IV 303	2
CORE 140	3	Nutrition and the Athlete 325	3
CORE 25x	3	Psychological Foundations (CORE 154)	3
	15		15

Fourth Year

Org & Admin of SM/AT 422	3	Current Trends & Topics in SM/AT 460 ...	3
Pathology & Athletic Performance 410	3	Senior Seminar 480	3
Pharmacology in Sports Medicine 435	3	SM/AT Clinical VI 403	2
SM/AT Clinical V 402	2	CORE 26x	3
CORE 280	3	CORE 28x	3
	14		14

Course Descriptions

ATEP 101 — Introduction to Sports Medicine/Athletic Training (3)

Entry-level course designed to introduce the Profession and the historical foundations of Sports Medicine/Athletic Training. The course will delineate the responsibilities of the Sports Medicine Team, injury prevention techniques, conditioning techniques, mechanisms of sports trauma, bloodborne pathogens, foundations of sports trauma, and basic management skills. The Athletic Training Student will be presented with basic practical skills and knowledge applied to an Athletic Training setting. The role of the Athletic Trainer and career opportunities will be discussed.

ATEP 165 — Emergency Care of Athletic Injuries (2)

The Athletic Training Student will be introduced to emergency and immediate care of athletic injuries. Medical emergencies, physical trauma, various disease pathologies, bleeding, respiratory and cardiac emergencies, and transportation of the injured will be explored. The Athletic Training Student will also experience emergency bandaging for open wounds, splinting for fractures and sprains, crutch fitting, and the use of a stethoscope and sphygmomanometer in a practical setting.

ATEP 202 — Sports Medicine/Athletic Training Clinical I (2)

The Athletic Training Student will be exposed to locating and palpating anatomical landmarks and skeletal muscle origins and insertions on both the upper and lower quarters. In addition, psychomotor skills will be learned and applied involving various taping, wrapping, padding, bandaging, and wound care techniques for the lower quarter. These skills will be applied in athletic practices and games at the Betzler Athletic Training Room and the Scandlon Sports Medicine Clinic on King's College athletes. Class lecture will be applied, and testing will follow an oral/practical format.

ATEP 203 — Sports Medicine/Athletic Training Clinical II (2)

The Athletic Training Student will build on responsibilities from Clinical I, and will be exposed to proper techniques of upper and lower quarter stretching and goniometry. The Athletic Training Student will also be exposed to the principles of proper strength training and conditioning. In addition, various taping, wrapping, padding, bandaging, and wound care techniques for the upper quarter will be learned and applied. The Athletic Training Student will be responsible for perfecting the taping and wrapping techniques learned from both Clinical I and II. Class lecture will be applied, and testing will follow an oral/practical testing format.

ATEP 230 — Prevention & Care of Athletic Injuries I (3)

An introduction to the pathology and management of skin disorders, mechanisms of injury, signs and symptoms, and management procedures for common sport/activity related trauma to the lower quarter. Basic evaluative techniques, special testing techniques and protective pad construction for the lower quarter will be presented.

ATEP 231 — Prevention & Care of Athletic Injuries II (3)

An introduction to mechanisms of injury, injury pathology, signs and symptoms, and management procedures for common sport/activity related trauma to the upper torso, extremities, spine, and head. Basic evaluative techniques, special testing techniques, protective pad construction, and taping/wrapping techniques for the upper quarter will be presented.

ATEP 245 — Principles of Health (3)

The Athletic Training Student will be introduced to techniques and principles to improve an individual's mental and physical health. Human sexuality, personal relations, and various forms of birth control will be explored. The effects of legal and illegal drugs on the body will be examined. Systemic and acquired diseases and their effects on the human body will be investigated. The final areas of emphasis for this course will be to study the effects of aging, dying, and the various types of medical services available to the consumer.

ATEP 280 — Kinesiology (3)

The Athletic Training Student will primarily be exposed to functional human anatomy focusing on skeletal muscle origin, insertion, action, and nerve supply. In addition, the Athletic Training Student will develop an understanding and appreciation of fundamental principles that relate to human movement and, in particular, an understanding of those principles that apply to efficient, skilled, and safe movement. The Athletic Training Student will develop the ability to functionally and mechanically analyze typical and irregular or potentially harmful movements in terms of principles derived primarily from anatomy, physiology and biomechanical physics.

ATEP 290 — Exercise Physiology (3)

Presents the Athletic Training Student with a comprehensive study of the human body's responses to exercise. Topics include respiratory response to exercise, principles of training and conditioning and the resulting adaptations of the human body, cardiovascular training principles, energy production, metabolism, body composition, and muscular adaptations to exercise. The Athletic Training Student will have the opportunity to apply these principles in a practical setting through laboratory activities.

ATEP 302 — Sports Medicine/Athletic Training Clinical III (2)

This course places the Athletic Training Student in a situation where he/she will assist in the health care of the athletes during practices, games, and rehabilitation under the supervision of an Approved Clinical Instructor. Clinical settings include working with King's College athletics and local high schools and colleges/universities. The Athletic Training Student will learn and apply psychomotor skills involving various orthopedic special testing techniques and manual muscle testing techniques to be used on the lower quarter. An introduction to neurological and reflex testing for the lower quarter will be presented. Class lecture will be applied, and testing will follow an oral/practical format.

ATEP 303 — Sports Medicine/Athletic Training Clinical IV (2)

This course is a continuation of previous Clinicals. In addition to working with various athletic teams at a clinical site, the Athletic Training Student will assist in providing care to injured athletes through the administration of various therapeutic modalities and rehabilitation protocols under the direct supervision of an Approved Clinical Instructor. The Athletic Training Student will learn and apply psychomotor skills involving various orthopedic special testing techniques and manual muscle testing techniques which are used on the upper quarter. The Athletic Training Student will receive an introduction to neurological and reflex testing for the upper quarter. Class lecture will be applied, and testing will follow an oral/practical format.

ATEP 305 — Orthopedic Evaluation of Athletic Injuries I (3)

The Athletic Training Student will learn evaluation techniques including manual muscle testing, soft tissue palpation, bone palpation, special joint integrity testing techniques for the lower quarter, and gait analysis. The Athletic Training Student will be presented with

practical situations in which critical thinking must be applied, and also with the application of special testing techniques.

ATEP 306 — Orthopedic Evaluation of Athletic Injuries II (3)

The Athletic Training Student will learn evaluation techniques including manual muscle testing, soft tissue palpation, bone palpation, special joint integrity testing techniques for the upper quarter. The Athletic Training Student will be presented with practical situations in which critical thinking must be applied also with the application of special testing techniques.

ATEP 310 — Therapeutic Modalities (3)

The Athletic Training Student will be introduced to theory and techniques of therapeutic modalities. Critical thinking in the application and development of protocols will be taught and utilized.

ATEP 310-L — Therapeutic Modalities Lab (1)

The Athletic Training Student will learn psychomotor skills by applying various therapeutic modalities in a practical environment. Proper SOAP note documentation will be presented to properly record the use of therapeutic modalities in a clinical setting. Critical thinking will be applied by the Athletic Training Student as to the frequency and protocol for each modality. Psychomotor skills will be implemented.

ATEP 311 — Therapeutic Exercise (3)

Explores the theory and application of various types of exercise. Topics include the consequence of sudden inactivity, injury immobilization, early intervention, types of exercise, and how therapeutic modalities can be coordinated with exercise. The Athletic Training Student will develop rehabilitative protocols for various orthopedic injuries.

ATEP 311-L — Therapeutic Exercise Lab (1)

The Athletic Training Student will learn psychomotor skills by applying various therapeutic exercises. The Athletic Training Student will implement exercise protocols for various upper and lower quarter injuries. Techniques in therapeutic stretching, proprioceptive neuromuscular facilitation, joint mobilizations, functional exercise, plyometrics, gait training, and isokinetic equipment will be presented.

ATEP 325 — Nutrition and the Athlete (3)

The Athletic Training Student will understand the relationship between physical fitness, physical performance, injury prevention, and nutritional intake. The Athletic Training Student will develop an understanding of how to improve physical performance through proper utilization of food, how to identify improper eating habits, the effects of food supplements, techniques and effectiveness of carbohydrate loading, and the construction of a pre-event meal.

ATEP 402 — Sports Medicine/Athletic Training Clinical V (2)

At this time, the Athletic Training Student will become involved in the total health care of the athlete under the direct supervision of an Approved Clinical Instructor. The Athletic Training Student will implement all psychomotor skills and lecture that were presented during the previous three years. The clinical experience may take place at King's College as well as any of the College's clinical sites. Advanced psychomotor skills concerning neurological testing of the various spinal nerve plexa for the upper and lower quarters will be presented and applied. In class lecture, the Athletic Training Student will be exposed to the education and counseling of the injured athlete as well as intervention of the drug and alcohol abusing athlete.

ATEP 403 — Sports Medicine/Athletic Training Clinical VI (2)

This is the final Clinical phase for the Athletic Training Student. At this time, final review of psychomotor skills will take place. The Athletic Training Student will continue to be involved in providing health care for the athlete under the direct supervision of an Approved Clinical Instructor. The Athletic Training Student will also take part in several written and practical examinations in preparation for the National Athletic Trainers' Board of Certification Examination. Content and review for these tests will be divided according to the major domains of Athletic Training.

ATEP 410 — Pathology & Athletic Performance (3)

The Athletic Training Student will learn the nature and causes of disease, and how disease affects the athlete. The effects of disease on the functions of tendons, ligaments, muscles, bones, the cardiovascular system, the respiratory system, and on athletic performance will be presented.

ATEP 422 — Organization & Administration of Sports Medicine/Athletic Training (3)

The Athletic Training Student will gain an understanding of policies and procedures in operating an Athletic Training Room or Sports Medicine Clinic. The Athletic Training Student will learn how to: design an Athletic Training Room or Clinical facility, create a budget, organize pre-participation physical examinations, keep records, and understand legal considerations in Athletic Training. There will also be a considerable amount of time devoted to human resource management, computer-based information management and insurance issues such as filing/tracking claims and third-party reimbursement.

ATEP 435 — Pharmacology in Sports Medicine (3)

The Athletic Training Student will study the effects of drugs on the athlete. The Athletic Training Student will gain an understanding of prescription vs. non-prescription drugs in the treatment of common athletic injuries and illnesses, performance-enhancing drugs/ergogenic aids, and currently banned drugs in athletics. Physiologic reactions and effects of drugs, diuretics, anabolic steroids, recreational drugs, drug testing programs, and safety precautions for the Athletic Trainer from a legal standpoint will be presented. The moral and ethical responsibility to intervene in situations where the use and/or abuse of legal or illegal drugs is suspected or known will be discussed.

ATEP 460 — Current Trends & Topics in Sport Medicine/Athletic Training (3)

Investigates practices and procedures currently being applied in Athletic Training. The role of the Certified Athletic Trainer in relation to other Allied Health Professionals will be explored. Current research and the implications of the Certified Athletic Trainer will be discussed.

ATEP 480 — Senior Seminar (3)

The Athletic Training Student will learn the proper methods of designing, conducting, writing, and publishing research within the field of Sports Medicine/Athletic Training. Basic statistical analysis/interpretation relevant to Sports Medicine/Athletic Training will be presented, as will computerized record keeping and data collection. Computer literacy and current technology related to Sports Medicine/Athletic Training will be emphasized.

ATEP 497 — Independent Study (1-6)

Advanced projects in a specialized area of Sports Medicine/Athletic Training under the supervision of a faculty member. *Open to juniors and seniors only with the permission of the Program Director.*

Biology

Dr. Robert A. Paoletti, Chairperson

The Biology major curriculum is designed to enable students to apply the scientific method paradigm as a means to understand the importance and interrelationships of the major concepts, tenets and principles of biology, and to actively engage in the processes of collecting, analyzing, interpreting, and evaluating data in a competent and professional manner. Students also gain experience in using a variety of scientific information sources in order to collect, analyze and evaluate the work of other scientists and to develop their own research projects. Upon completion of the curriculum, students possess the skills required for postgraduate educational programs and/or employment in areas utilizing biological principles and techniques.

The curricula for Biology majors as presented herein will ordinarily prepare students for careers in professional and graduate fields. However, certain specialized fields may require more extensive preparation in one or more areas. Hence, it is advantageous for the student to determine career goals as early as possible and to become familiar with the requirements of the specific fields. A special curriculum may be devised to meet the needs of a student whose plans for future study demand it.

Biology majors interested in high school teaching are encouraged to take Plant Biology and Microbiology in addition to the minimum requirements.

Biology majors are encouraged to take advantage of the minor programs available in other academic disciplines.

Biology majors wishing to complete the major sequence requirements during the summer and who are unable to take the courses at King's Summer Session, must complete these requirements at a four year institution and have the prior approval of the Biology Department.

Education Requirements

BIOLOGY MAJOR SEQUENCE REQUIREMENTS

(19 COURSES — 69 CREDITS)

BIOL 111	General Biology I with lab (4)	
BIOL 112	General Biology II with lab (4)	
BIOL 223	Genetics with lab (4)	
BIOL 224	Biochemistry with lab (4)	
BIOL 370	Seminar (Sophomore/Junior Diagnostic Project) (2)	
BIOL 490	Biological Research (Senior Integrated Assessment) (4)	total 22 credits
CHEM 113	General Chemistry I with lab (4)	
CHEM 114	General Chemistry II with lab (4)	
CHEM 241	Organic Chemistry I with lab (4)	
CHEM 242	Organic Chemistry II with lab (4)	total 16 credits
CS 101	Computing Skills/Sciences (1)	total 1 credit
MATH 125	Calculus (4)	
MATH 128	Introduction to Statistics and Data Analysis and Applications to the Life Sciences (4)	total 8 credits

PHYS 111	General Physics I with lab (4)	
PHYS 112	General Physics II with lab (4)	total 8 credits
Total Required Major Sequence Credits (55)		

In addition to the Major Sequence requirements, a Biology Major must also complete 4 courses, at least one course from each of three subdiscipline categories listed below. At least two of those courses, each from a different category, must include a laboratory component. For some courses, determined by the Instructor, the laboratory component must be taken concurrently with the lecture component. A course may be used to satisfy a single requirement in only one category even though the course may be cross-listed in another category.

CATEGORY I — MOLECULAR/CELLULAR BIOLOGY

BIOL 326	Immunology (4)
BIOL 330	Evolutionary Analysis & Bioinformatics (3)
BIOL 336	Cell Biology (4)
BIOL 450	Molecular Genetics (DNA Science) (4)*
BIOL 451	Molecular Genetics (RNA Science) (4)*
BIOL 452	Eukaryotic Molecular Biology (4)*
BIOL 448	Microbiology (4)

**Required for the Molecular Biology Certificate*

CATEGORY II — ORGANISMAL BIOLOGY

BIOL 350	Vertebrate Embryology (4)
BIOL 355	Comparative Vertebrate Anatomy (4)
BIOL 360	Histology (4)
BIOL 447	Physiology (4)

CATEGORY III — POPULATION BIOLOGY

BIOL 310	Computer Modeling in Biology & Environmental Science (3)
BIOL 330	Evolutionary Analysis & Bioinformatics (3)
BIOL 401	Special Topics (3)
BIOL 430	Ecosystems Biology (4)

MINOR SEQUENCE REQUIREMENTS — BIOLOGY

(6 COURSES)

BIOL 111	General Biology I (4)
BIOL 112	General Biology II (4)

Four BIOLOGY electives to be chosen in consultation with the departmental advisors.

Course Descriptions

BIOL 111 — General Biology I (4)

General principles of Biology. Topics include: biomolecules, enzymes; composition and organization of Prokaryotic and Eukaryotic cells; regulation of cell structure and function; communication between cells and environment; bioenergetics; photosynthesis; intermediary metabolism; and genetics. 4 lecture and 3 laboratory hours.

BIOL 112 — General Biology II (4)

The general principles of organismal and population biology with a concentration on the evolution and diversity among organisms. A further emphasis on structural and physiological adaptations for such processes as nutrition, fluid and gas exchange and hormonal regu-

lation. An understanding of the interactions between organisms and their environment is explored. 4 lecture and 3 laboratory hours.

BIOL 214 — Medical Microbiology (4)

A study of morphology, biochemical activity, and ecology of bacteria, fungi, rickettsia, and viruses. Emphasis is placed on pathogenic microorganisms and the diseases that they cause, control measures, and diagnostic procedures. The laboratory presents the basic skills of clinical diagnostic microbiology. 3 lecture and 3 laboratory hours.

BIOL 221 — Anatomy and Physiology I (4)

A study of human anatomy and the relationship between structure and function. The course provides preparation in systemic physiology with concentration on major body functions and their controls. Topics include cytology, mitosis, meiosis, heredity, histology, organology and the following systems: integumentary, skeletal, muscular, and nervous. 3 lecture and 3 laboratory hours.

BIOL 222 — Anatomy and Physiology II (4)

A continuation of BIOL 221. Topics include the endocrine, cardiovascular, respiratory, digestive, urinary, and reproductive systems. 3 lecture and 3 laboratory hours.

BIOL 223 — Genetics (4)

An introduction to heredity. A balanced presentation is made in the fields of classical, molecular and population genetics. Topics include: Mendelian inheritance, the nature and behavior of the gene and chromosome, chromosome mapping, cytoplasmic inheritance, human genetics, microbial genetics, and heredity as related to environment and evolution. Laboratory investigations utilizing a variety of organisms and techniques. Prerequisites: BIOL 112 and CHEM 114, or permission of the instructor. 3 lecture and 3 laboratory hours.

BIOL 224 — Biochemistry (4)

Biochemistry of carbohydrates, lipids, amino acids, proteins, nucleotides and nucleic acids; mechanism of enzyme action and regulation of enzymatic pathways; intermediary metabolism; lipid and nitrogen metabolism; physiochemistry of hemoglobin, the vitamins and selected hormones. Laboratory exercises consist of modern techniques and instrumentation of biochemistry: spectrophotometry; electrophoresis; column chromatography; enzymatic determinations; protein isolation and characterization. Prerequisites: BIOL 223, CHEM 241, or permission of instructor. 3 lecture and 3 laboratory hours.

BIOL 229 — Modern Techniques in Biological Sciences (1)

A laboratory course to introduce students to techniques used to conduct contemporary biological research. Emphasis will be placed on introducing and developing laboratory skills and providing hands-on experience with modern laboratory equipment in the context of an on-going faculty research project. The student will work in the research laboratory of a designated faculty member. Prerequisite: Permission of the department. 3 laboratory hours.

BIOL 310 — Computer Modeling in Biology and Environmental Science (3)

The student will learn the basics of how to use a visual-modeling environment, Stella II, to simulate various phenomena in biology, ecology, and environmental science. Computer assignments and models will be tailored to students in their individual major. *No computer programming experience is needed and the course is open to any student in the sciences. Cross-listed as ENST 310.*

BIOL 326 — Immunology (4)

Fundamentals of immunology, immunopathology, immunochemistry, and serology. Topics include: the immune system; structure, function, and formation of immunoglobulins; cellular and genetic basis of immune response; antigen-antibody reactions; the complement system; immunochemistry; hypersensitivity; transplantation; and methods in immunology. Laboratory exercises consist of methods to measure antibodies and the use of antibodies to detect other substances. Prerequisites: BIOL 224, CHEM 242, or permission of instructor. 3 lecture and 3 laboratory hours.

BIOL 330 — Evolutionary Analysis and Bioinformatics (3)

Modern methods used to analyze evolutionary topics via genetics. The course will span micro-evolution to macro-evolution by studying the topics of population genetics and systematics. Modern manipulation of molecular genetic data in the field of bioinformatics is also addressed. Lecture time includes computer modeling of population genetics and manipulation of DNA data using current systematic and bioinformatic programs and websites. Prerequisite: BIOL 223, or permission of the instructor. 3 lecture hours.

BIOL 336 — Cell Biology (4)

Application of genetic and biochemical concepts to the rigorous analysis of the structure and function of cells. Special attention is devoted to the interactions between cells and between cells and the noncellular environment, signaling and response mechanisms and regulation of gene activity. Specific examples for illustration will be drawn from developmental contexts and disease states. The laboratory will use cell culture as a means of providing model systems to afford students experience with techniques used to elucidate cellular integration and regulation mechanisms. *Alternate course.* Prerequisites: BIOL 224, CHEM 242, or permission of the instructor. 3 lecture and 3 laboratory hours.

BIOL 341 — Topics in Biochemistry/Physiology/Genetics (3)

Provides rigorous coverage of key areas of biochemistry, physiology, and genetics, which are prerequisite to the understanding of physiological control mechanisms fundamental to modern medical practice. Integration of information and its application to clinical situations is emphasized. The role of genetics in the etiology of various pathological states is also emphasized. Recent advances in molecular biology and reproductive technology and the associated moral, ethical, and legal dilemmas discussed as they relate to patient education and referral situations. *Intended primarily for Physician Assistant Majors.*

BIOL 350 — Vertebrate Embryology (4)

A comparative study of vertebrate development considering gametogenesis, fertilization, cleavage, formation of germ layers and an analysis of the differentiation of tissues, organs, and systems of representative vertebrates. *Alternate course.* Prerequisites: BIOL 224, CHEM 242, or permission of the instructor. 3 lecture and 3 laboratory hours.

BIOL 355 — Comparative Vertebrate Anatomy (4)

Emphasis is placed on the comparative anatomy and physiology of vertebrate animals. Comparison is made in terms of systematic structural and functional units, patterns of development, adaptation, and phylogenetic relationships among representative species of extant and extinct vertebrates. The evolutionary origin of the chordates and their invertebrate ancestors is traced. *Alternate course.* Prerequisites: BIOL 224, CHEM 242, or permission of the instructor. 3 lecture and 3 laboratory hours.

BIOL 360 — Histology (4)

A study of the microscopic structures of mammalian tissues with emphasis on histogenesis, regeneration, repair and the classification of tissues and their arrangement in organs and systems. *Alternate course.* Prerequisites: BIOL 224, CHEM 242, or permission of the instructor. 3 lecture and 3 laboratory hours.

BIOL 370 — Biology Seminar (1)

Biology Seminar is the setting for the Sophomore/Junior Diagnostic Project, a discipline-specific assignment required of students in all majors. The assessment is designed to serve as a diagnostic screening device to determine the ability of students to transfer information literacy, critical thinking and effective communication skills developed through the Core curriculum and major program to a selected question, case study, or project related to their major field of study. The Sophomore/Junior Diagnostic Project provides a process check for competency growth plans. The project is evaluated by department faculty, and feedback is provided to students by either the instructor in the designated course or by the individual student's academic advisor. The Sophomore/Junior Diagnostic Project helps students develop a clearer understanding of the expectations of faculty in their major field of study with respect to their ability to apply critical thinking skills and to communicate effectively. It also helps students to develop a better understanding of the specific criteria faculty use to judge work of students in their respective major fields of study. Prerequisites: BIOL 224 and CHEM 242.

BIOL 401 — Special Topics (3)

Selected topics in modern Environmental Studies. Topics are announced prior to registration. Class conferences to consist of lectures, discussions, and student reports. Potential topics include Natural Resource Management and Conservation Biology, Current Issues in Air and Water Pollution, Analysis of Comparative Environmental Policy, and Environmental Toxicology. *Alternate course.* Prerequisites: BIOL 224, CHEM 242, or permission of the instructor. 3 lecture hours. Cross registered as ENST 401

BIOL 430 — Ecosystems Biology (4)

The study of the interrelationships and interactions of organisms and their environments. Topics include population dynamics, interspecific relationships, community structure and function, nutrient cycling and energy flow in ecosystems and biome diversity. Laboratory topics include field trips and study of local natural areas, and introduction to ecological methods and biostatistics. Prerequisite: BIOL 224, or permission of the instructor. 3 lecture and 3 laboratory hours.

BIOL 447 — Physiology (4)

The study of the functions and Interactions of organ systems. Topics Include respiration, circulation, muscle contraction, digestion, homeostasis and removal of waste material. Includes one hour per week discussion on the effects of venoms on human physiology. Laboratory Investigations utilize computer data acquisition to study the major lecture topics using frogs, mice and humans as test subjects. BIOL 224, CHEM 242, or permission of the instructor. 3 lecture and 3 laboratory hours.

BIOL 448 — Microbiology (4)

A study of microorganisms including bacteria, viruses, rickettsiae, fungi, and other microbial forms. The morphology, physiology, ecology, evolution of these organisms, their pathogenesis, host responses, epidemiology, and control are discussed. Laboratory exercises illustrate morphology, growth, biochemical characteristics, identification and classification,

microbial immunity, genetics and various laboratory techniques. Prerequisite: CHEM 242 or permission of the instructor. 3 lecture and 3 laboratory hours.

BIOL 450 — Molecular Genetics: DNA Science (4)

Genetic structure and regulation of gene expression in prokaryotic and eukaryotic organisms: recombinant DNA technology; mutation/suppression; transcription/translation; DNA polymorphisms: Laboratory exercises include; RE digest and analysis, directional cloning using PCR, genomic DNA and plasmid isolation, site directed mutagenesis, gene fusions, DNA sequencing, DNA fingerprinting. Prerequisites: BIOL 224 and CHEM 242, or permission of the instructor. 3 lecture and 3 laboratory hours.

BIOL 451 — Molecular Genetics: RNA Science (4)

Lectures focus RNA chemistry, isolation and manipulation; DNA replication; DNA repair; recombination; microarray technology; Laboratory exercises include: RT-PCR, mRNA isolation, cDNA synthesis, size fractionation of cDNA library, phage lambda packaging of cDNA, 5'/3' RACE. Prerequisite: BIOL 450, or permission of the instructor. 3 lecture and 3 laboratory hours.

BIOL 452 — Eukaryotic Molecular Biology (4)

The course will explore the role of molecular biological strategies and the techniques in elucidating structural and functional characteristics of plant and animal genomes. Special emphasis will be placed on the roles of genes in the integration and regulation of eukaryotic cell activities. Topics and examples for analysis and discussion will be drawn from developmental, environmental, medical and other contexts. The laboratory will provide exposure to, and experience with molecular biological techniques used to elucidate mechanisms of cellular regulation. Model systems utilizing plant and animal cell culture techniques will also be used. Prerequisites: BIOL 224, Chem 242, or permission of the instructor. 3 lecture and 3 laboratory hours.

BIOL 490 — Biological Research I (4)

This course is the Biology Department's Senior Integrated Assessment course. Science is the process of scientific research; therefore, this course introduces biology majors to the process of scientific research. The student works in the research laboratory of a faculty member conducting original and independent scientific research. The culmination of the course is a written and oral presentation of a scientific report. Biology 490 is the required capstone course for all biology majors. Prerequisites: BIOL 223, 224, 370. 2 lecture and 2 three-hour laboratory sessions.

BIOL 491 — Biological Research II (2, 3 or 4)

For students who want to continue original, independent research. Prerequisites: BIOL 490 and CHEM 242. *Variable credit; time and credit established by contract between Instructor and student.*

BIOL 499 — Biology Internship

A biology internship may be taken during the junior or senior year. *The Department Chairperson should be consulted. A minimum G.P.A. of 2.50 is required.*

The Molecular Biology Program

The King's College Molecular Biology program is an interdisciplinary approach to meeting the demands and challenges of a new era in biology. In the past decade the biological sciences have been revolutionized by new procedures used to manipulate and study genetic material. These techniques have drastically increased our knowledge of the structure, organization, and function of DNA, and have offered numerous practical applications in virtually every area of biological science. At the heart of this biological revolution are procedures known as recombinant DNA technology; the ability to splice foreign pieces of DNA in the laboratory and to transfer these recombinant DNA molecules into a living organism. This technology has allowed scientists to analyze the flow and regulation of genetic information between DNA, RNA, and protein. The study of these structural and functional relationships between DNA, RNA, and protein defines the field of molecular biology.

The Importance of Molecular Biology

Although molecular biology had its origins in the fields of genetics and biochemistry, it is now multidisciplinary involving biology, chemistry, physics, computer science, and mathematics. The ultimate goal of molecular biology is to understand how living systems function, that is, how living organisms grow, develop, interact, become abnormal, express inborn genetic defects, and respond to infectious diseases. This goal can only be achieved by an integrated effort of scientists from many disciplines using the tools of molecular biology.

The future of biology and medicine points toward an increasing role for molecular biology. It is expected that within the next ten years medicine will continue to change from a reactive science to a predictive and preventive science. One reason for this change in medicine is the Human Genome Project, a 15-year, 3 billion dollar national project to map the locations of individual genes and to sequence the entire human genome. Contrasted with this national commitment is the report from the National Academy of Sciences, which states there already exists a shortage of trained personnel in molecular biology.

Choosing the Molecular Biology Program at King's

The Molecular Biology program at King's enables biology majors to become active practitioners in the field of molecular biology. The Molecular Biology program does not narrow a student's understanding of biology, but rather enables students to study the biological, chemical, and physical aspects of life at the organism, cellular, and molecular levels. There are job opportunities available in molecular biology at the B.S., M.S., Ph.D., and M.D. levels in all areas of biology, including medicine, pharmaceutical and biotechnology industries, veterinary science, agriculture, forensics, and environmental science.

The Curriculum

The Molecular Biology certificate program requires 124 credit hours for graduation. In addition to the normal B.S. Biology sequence, additional courses to fulfill the Molecular Biology program include the following three courses with labs:

- Molecular Genetics: DNA Science (Biology 450)
- Molecular Genetics: RNA Science (Biology 451)
- Eukaryotic Molecular Biology (Biology 452)

Additional suggested elective courses include:

- Computer Modeling (Biology 310)
- Evolutionary Analysis & Bioinformatics (Biology 330)
- Cell Biology (Biology 336)
- Microbiology (Biology 448)

Business Administration

Dr. Joseph S. Falchek, Chairperson

The Business Administration Program at King's College provides an extensive general background in business, emphasizing the basics of business: Principles of Management, Principles of Marketing, Business Law, International Business, Financial Management, Organizational Behavior, Production/Operations Management, Human Resources Management, and Strategic Management. At the same time, the major provides a thorough foundation in the fields of accounting, economics, computer technology, and quantitative methods, which enables the student, through appropriate course selection, to combine concentrations in related disciplines.

The major gives the student strategic training in business, an appreciation of and ability to use the modern tools of management, an exposure to a broad range of business subjects and opportunities, and a wide range of career options, such as, business enterprises, not for profit organizations or government service, as well as graduate and/or professional school.

Moreover, the Business Administration Department integrates and builds upon the Core Curriculum courses/skills including oral and written communication competencies, information technology and critical thinking to enhance the learning of business. A variety of elective courses are available to meet the desires and interests of the students. These courses, and the availability of internships, contribute significant depth to the student's education.

Education Requirements

REQUIRED CORE COURSES (9 CREDITS)

CORE 153 Principles of Economics: Macro
 CORE 287 Ethics, Business and Society
 MATH 121 Calculus I

BUSINESS FOUNDATIONS (33 CREDITS)

ECON 112 Principles of Economics: Micro
 ECON 221 Quantitative Methods for Business and Economics
 MSB 110 Introduction to Financial Reporting
 MSB 120 Introduction to Management Control and Planning
 MSB 130 Introduction to Computer Applications for Business
 MSB 200 Principles of Management
 MSB 210 Principles of Marketing
 MSB 305 Organizational Behavior
 MSB 320 Financial Management
 MSB 330 Business Law I
 MSB 480 Strategic Management

MAJOR REQUIREMENTS (19 CREDITS)

BUS 330 Small Business Management
 BUS 345 Business Law II
 BUS 363 Production/Operations Management
 BUS 470 Current Topics in Management

HRM 210 Introduction to Human Resources Management

IB 241 Introduction to International Business

CARP 412 Career Planning II (1 credit)

ELECTIVES (18 CREDITS)

5 Elective Courses (15 Credits). Students may select any course offered/accepted by the college, including non-business courses. Business Administration majors are encouraged to participate in the Experiential Learning/Internship Program.

1 Elective Course (3 credits). Students **MUST** select a non-business course offered/accepted by the college, (which can include an additional CORE class) to fulfill this 3-credit requirement.

ASSOCIATE DEGREE (A.S.) MAJOR REQUIREMENTS

(8 COURSES — 24 CREDITS)

CORE 153 Principles of Economics: Macro

ECON 112 Principles of Economics: Micro

MSB 110 Introduction to Financial Reporting

MSB 120 Introduction to Management Control and Planning

MSB 130 Introduction to Computer Applications for Business

MSB 200 Principles of Management

MSB 210 Principles of Marketing

MSB 320 Financial Management

MINOR SEQUENCE REQUIREMENTS

(6 COURSES — 18 CREDITS)

Monitoring of student progress in pursuing a minor in Business Administration is necessary to enhance the student learning experience. Students shall not earn credit for more than 15 hours in any designated course, or combination of courses, in Accounting, Business Administration, Finance, Health Care Administration, Human Resources Management, International Business, and Marketing without being declared as either a major or minor student of one of those programs, or being granted permission by the Director of The William G. McGowan School of Business. Therefore, a written declaration must be submitted by the student to the registrar.

MSB 200 Principles of Management

MSB 210 Principles of Marketing

MSB 330 Business Law I

BUS 330 Small Business Management

BUS 363 Production/Operations Management

BUS 345 Business Law II

NOTE: As a pre-requirement for the minor, the following must be satisfied: MSB 110, MSB 120 and MSB 130.

BUSINESS MINOR FOR STUDENTS IN A MAJOR WITHIN THE COLLEGE OF ARTS AND SCIENCES

Monitoring of student progress in pursuing a minor in Business Administration is necessary to enhance the student-learning experience. Students shall not earn credit for more than 15 hours in any designated course, or combination of courses, in Accounting,

Business Administration, Finance, Health Care Administration, Human Resources Management, International Business, and Marketing without being declared as either a major or minor student of one of those programs; or, being granted permission by the Director of The William G. McGowan School of Business. Therefore, a written declaration must be submitted by the student to the Registrar.

CORE 153	Principles of Economics: Macro
ECON 112	Principles of Economics: Micro
ECON 221	Quantitative Methods for Business and Economics I
MSB 110	Introduction to Financial Reporting
MSB 130	Introduction to Computer Applications for Business
MSB 200	Principles of Management
MSB 210	Principles of Marketing
MSB 320	Financial Management

Course Descriptions

All courses offered by the McGowan School of Business beyond the 200-level must be completed at King's College in order for the awarding of the B.S. degree or minor sequence in Business Administration or for the fulfillment of any required course in any other degree or minor programs offered through the William G. McGowan School of Business unless permission is granted by the Department Chair in writing prior to the start of any coursework.

MSB 130 — Introduction to Computer Applications for Business (3)

Designed to help students attain basic proficiency in specific computer applications so that expertise in computer based technology may be further developed and improved in upper division business courses. Specific applications to be emphasized include: word processing (WORD), spreadsheets (EXCEL), database management (ACCESS), computer supported multimedia presentations (POWERPOINT), and Internet search strategies and email. The legal and ethical aspects of computer usage will be discussed. Offered in the form of modules, the course provides testing procedures for students who can demonstrate requisite proficiency in one or more of the modules.

MSB 200 — Principles of Management (3)

The course provides an overview of the history of management thought and of managerial activities and analysis of the process of planning, organizing, leading, controlling and forces of environments in which businesses operate. Topics include strategic planning, organizational design, human resource management, decision-making, ethics and social responsibility. Relating topics to the current business environment is emphasized. The case analysis concerned with each of these forces is discussed, with emphasis on problem solving. Prerequisites: CORE 100, CORE 110, CORE 115 and MSB 130.

MSB 305 — Organizational Behavior (3)

An introduction to the field of Organizational Behavior. Organizational Behavior is an interdisciplinary field that examines human behavior in organizational settings and concerns the behavioral interactions of individuals, groups and the organization itself. Prerequisite: MSB 200.

MSB 330 — Business Law I (3)

A study of the nature of law, legal reasoning, and procedures, relating to the court systems, government regulation, administrative agencies, and the private judicial systems of arbitration and mediation. Topics include crimes and torts including economic and business related aspects of each. Special emphasis is placed on contract law, including the formation, breach of contract, and legal remedies. Selected actual cases illustrate practical problems. Prerequisites: CORE 100, CORE 110, CORE 115 and MSB 130.

MSB 480 — Strategic Management (3)

This capstone course uses strategic planning as a means of confirming and integrating participants' comprehensive business competencies. Conceptual knowledge acquired from business foundation courses is applied to the realities of the global management environment. The goal of this course is to provide an opportunity for students to synthesize concepts, identify problems, analyze and evaluate alternative solutions, and to formulate socially responsible actions. Prerequisites: Completion of Business Foundation Courses and Senior status.

BUS 270 — Real Estate Fundamentals (3)

Designed to acquaint the student with the language, principles and laws that govern real estate. Land, real property and the rights of ownership are defined, including the way the use of ownership is controlled. Because the transfer of ownership is affected by a number of documents, it is essential to understand the basic legal elements of a contract. The concept of title, the laws and methods of evidencing and transferring ownership and the principles of financing are discussed, as well as the licensing laws that govern the industry practitioners in the transaction.

BUS 271 — Real Estate Practice (3)

Designed to acquaint the student with the specific activities of licensees and the services rendered to clients and customers in the course of a variety of real estate transaction. Client representation is discussed as it relates to a seller, buyer or property owner. The legal and ethical responsibilities of licensees are discussed, including included in these discussions. Prerequisite: BUS 270.

BUS 330 — Small Business Management (3)

An investigation of the advantages and disadvantages of sharing and owning small, independent, entrepreneurial businesses. Topics to be studied will include the characteristics of small businesses and their owner-managers; planning, organizing and managing a new business; staffing the business; production of the product or service; marketing the product or service; profit planning and control; security and family considerations in the business; and entrepreneurship. Prerequisites: MSB 200, MSB 210, or permission of department chairperson.

BUS 345 — Business Law II (3)

A study of the legal relations created in the various forms of business organizations (sole proprietorships, partnerships, and corporations). Topics include the substantive law of property including real, personal, and intellectual property, wills, trusts and estates, secured transactions, principal and agency, sales law, insurance, negotiable instruments and securities regulation. Selected actual cases illustrate practical problems encountered in business. Prerequisite: MSB 330.

BUS 363 — Production/Operations Management (3)

An introduction to the management of a firm's production system. Emphasis is placed on topics that are important in enabling both manufacturing and service industries to add maximum value for customers. Subjects include: forecasting methods, production technology, resource allocation, facility location and layout, inventory control, and material requirements planning. Topical integrating themes include global competition and total quality management. The course will utilize both case studies and problem solving with the assistance of electronic spreadsheet computer applications. Prerequisites: ECON 221, MSB 130 and MSB 200.

BUS 410 — Women in Management (3)

The possibilities for and the roles of women in management. An exploration of the status of women in management, barriers to women in such positions, reasons for inequity in salary and benefits and ways to overcome gender discrimination.

BUS 470 — Current Topics in Management (3)

This course will be presented through a combination of lectures, student reports and classroom discussion to introduce students to and to conduct in-depth reviews of the most current issues and problems facing business administrators and those who deal with them. The course will emphasize independent research. Completion of Business Foundation Courses and senior status.

BUS 497 — Independent Study in Business Administration (3)

Advanced projects in a specialized area of Business Administration under the supervision of a faculty member in the Business Administration Department. Senior status required; open to juniors only with permission of Department Chairperson.

BUS 499 — Business Administration Internship (3-6)

An option for junior and senior majors to gain practical related experience in the field. Regular sessions with a faculty coordinator required. Junior or senior status with a minimum G.P.A. of 2.50 is required.

The William G. McGowan School of Business

The William G. McGowan School of Business offers the following majors: Accounting, Business Administration, Finance, Human Resources Management, International Business, and Marketing. Every student is required to take the following curriculum in addition to his or her major courses:

Business Foundation Courses

The following courses will be used to fulfill CORE requirements:

CORE 153 Principles of Economics – Macro

CORE 287 Ethics, Business, and Society

MATH 121 Calculus I

The following courses will also be included:

ECON 112 Principles of Economics: Micro

ECON 221 Quantitative Methods for Business and Economics

MSB 110 Introduction to Financial Reporting

MSB 120 Introduction to Management Control and Planning

MSB 130 Introduction to Computer Applications for Business

MSB 200 Principles of Management

MSB 210 Principles of Marketing

MSB 305 Organizational Behavior

MSB 320 Financial Management

MSB 330 Business Law

MSB 480 Strategic Management

Students shall not earn credit for more than 15 hours in any designated course, or combination of courses, in Accounting, Business Administration, Finance, Health Care Administration, Human Resources Management, International Business, and Marketing without being declared as either a major or minor student of one of those programs, or being granted permission by the Director of The William G. McGowan School of Business.

Minor Programs

Students majoring in a program offered by the William G. McGowan School of Business are encouraged to minor in Health Care Administration or Psychology.

THE WILLIAM G. MCGOWAN SCHOOL OF BUSINESS FOUNDATION COURSES

The William G. McGowan School of Business requires each of its major programs to have a common curriculum that it calls the Business Foundation. These courses are required for the B.S. degrees in Accounting, Business Administration, Finance, Human Resources Management, International Business, and Marketing.

The Course Descriptions are as follows:

ECON 112 — Principles of Economics: Micro (3)

Micro Economics principles: the theory of price under various market conditions; the economic function of government; elements of international economics.

ECON 221 — Quantitative Methods for Business and Economics (3)

An introduction to statistical and mathematical methods used in business fields and economics. Topics include basic statistical concepts, sampling, probability, basic statistical distribution, estimation, hypothesis testing, and introduction to regression analysis.

MSB 110 — Introduction to Financial Reporting (3)

A survey of the financial accounting concepts and procedures used as applied to service and trading business with an emphasis upon the uses and interpretation of financial statements.

MSB 120 — Introduction to Management Control and Planning (3)

An Introduction to the role of accounting information in the measurement of business and employee performance, and to facilitating planning decisions such as product and service selection, budgeting, investments, and profit measurement. Prerequisite: MSB 110.

MSB 130 – Introduction to Computer Applications for Business (3)

Designed to help students attain basic proficiency in specific computer applications so that expertise in computer based technology may be further developed and improved in upper division business courses. Specific applications to be emphasized include: word processing (WORD), spreadsheets (EXCEL), database management (ACCESS), computer supported multimedia presentations (POWERPOINT), Internet search strategies, and email. The legal and ethical aspects of computer usage will be discussed. Offered in the form of modules, the course provides testing procedures for students who can demonstrate requisite proficiency in one or more of the modules.

MSB 200 — Principles of Management (3)

The course provides an overview of the history of management thought and of managerial activities and analysis of the process of planning, organizing, leading, controlling and forces of environments in which businesses operate. Topics include strategic planning, organizational design, human resource management, decision-making, ethics and social responsibility. Relating topics to the current business environment is emphasized. The case analysis concerned with each of these forces is discussed, with emphasis on problem solving. Prerequisites: CORE 100, CORE 110, CORE 115 and MSB 130.

MSB 210 Principles of Marketing (3)

An introduction to the field of marketing with particular emphasis on how companies develop marketing programs that are responsive to consumers' needs and wants for products and services. Prerequisite: MSB 130

MSB 305 — Organizational Behavior (3)

An introduction to the field of Organizational Behavior. Organizational Behavior is an interdisciplinary field that examines human behavior in organizational settings and concerns the behavioral interactions of individuals, groups and the organization itself. Prerequisite: MSB 200.

MSB 320 — Financial Management (3)

The course introduces basic principles in finance such as cash flow, the time value of money, valuation of the firm and financial assets, and capital budgeting. Prerequisites: MSB 110, MSB 120 and ECON 221. Previously BUS/FIN 350.

MSB 330 — Business Law I (3)

A study of the nature of law, legal reasoning, and procedures, relating to the court systems, government regulation, administrative agencies, and the private judicial systems of arbitration and mediation. Topics include crimes and torts including economic and business related aspects of each. Special emphasis is placed on contract law, including the formation, breach of contract, and legal remedies. Selected actual cases illustrate practical problems.

MSB 480 — Strategic Management (3)

This capstone course uses strategic planning as a means of confirming and integrating participants' comprehensive business competencies. Conceptual knowledge acquired from business foundation courses is applied to the realities of the global management environment. The goal of this course is to provide an opportunity for students to synthesize concepts, identify problems, analyze and evaluate alternative solutions, and to formulate socially responsible actions. Prerequisites: Completion of Business Foundation Courses and Senior status.

Chemistry

Dr. Frederick Sauls, Chairperson

Chemistry is the science of matter and its changes: the effort to understand the laws governing the behavior of atoms and molecules. Behind this dry definition is an enormous range of activities ranging from highly theoretical to immediately practical. Chemists study abstract theories in an effort to understand those fundamental laws. They then apply them in making new materials, eliminating pollution, fighting diseases, or detecting crime. Our Chemistry graduates work in these areas and many others.

King's major program consists of a sequence of courses designed to help the student understand the various branches of chemistry. Laboratory courses teach the fundamentals of the scientific method, the creative questioning of nature, and careful reasoning from the results. The Chemistry Department has a tradition of strong faculty-student interaction. Classes are deliberately small and each student receives personal attention.

The Department knows that the heart of science is the search for new knowledge. In order to share in this exciting adventure, each student is highly encouraged to elect a research project under the individual direction of a faculty member during the senior year. This collaborative effort and hands-on experience are important factors in the success of our graduates.

The Department also believes that a scientist is also a member of society and must have a broadly based liberal education. Therefore, the chemistry major must select courses outside the major from the Core curriculum.

Most King's chemistry majors enter 1) graduate school in chemistry, biochemistry, or other chemically related areas; 2) employment in chemical research, development, or quality control laboratories; 3) teaching in secondary schools; 4) further study in medically related professions. However, a number have made careers in law, business, and other areas that are not traditionally associated with a degree in chemistry. The technical knowledge and the intellectual discipline a student develops in the Chemistry program serve our graduates well, whatever their careers.

A substantial number of our graduates have gone on to careers as physicians or dentists. Chemistry majors intending to apply to medical or dental school should plan to take at least two semesters of biology (including laboratory) and consult the Health Professions Advisor early in their academic career.

The Department also has designed several Core courses for nonscience majors, to broaden their understanding of science and how it applies to life in our complex society.

Education Requirements

MAJOR REQUIREMENTS

(62 CREDITS)

CHEM 113/L	General Chemistry I (4)
CHEM 114/L	General Chemistry II (4)
CHEM 241/L	Organic Chemistry I (4)
CHEM 242/L	Organic Chemistry II (4)
CHEM 243/L	Analytical Chemistry (5)

CHEM 244/L	Instrumental Analysis (5)
CHEM 351	Chemical Information Science (1)
CHEM 357/L	Physical Chemistry I (5)
CHEM 358/L*	Physical Chemistry II (5)
CHEM 471	Advanced Inorganic Chemistry (3)
CHEM 493	Senior Colloquium (1)
CHEM 494	Senior Colloquium (1)
MATH 125**	Calculus (4)
MATH 126**	Introduction to Statistics and Data Analysis (3)
MATH 237**	Mathematics for the Physical Sciences I (2)
MATH 238**	Mathematics for the Physical Sciences II (3)
PHYS 111/L	General Physics I (4)
PHYS 112/L	General Physics II (4)

Students who wish to be eligible for certification by the American Chemical Society must include the following:

CHEM 353	Biochemistry (3)
CHEM 471L	Advanced Inorganic Chemistry Lab (2)

One of the following:

CHEM 359	Organic Structure Determination (3)
CHEM 373	Advanced Organic Chemistry (3)
CHEM 475	Advanced Analytical Chemistry (3)
CHEM 476	Chemistry of Materials (3)
CHEM 477	Advanced Physical Chemistry (3)
CHEM 479	Solid State Chemistry (3)
CHEM 496	Introductory Research I (3)
CHEM 497	Introductory Research II (3)

**CHEM 358L may be replaced by a semester of research (CHEM 396, 397, 496, 497)*

***The mathematics requirements may alternatively be met by completion of a minor in mathematics.*

SECONDARY SCHOOL CERTIFICATION IN CHEMISTRY

(53-56 CREDITS)*

CHEM 113/L	General Chemistry I (4)
CHEM 114/L	General Chemistry II (4)
CHEM 241/L	Organic Chemistry I (4)
CHEM 242/L	Organic Chemistry II (4)
CHEM 243/L	Analytical Chemistry (5)
CHEM 244/L	Instrumental Analysis (5)
CHEM 351	Chemical Information Science (1)
CHEM 493	Senior Colloquium (1)
MATH 125	Calculus (4)
MATH 126	Introduction to Statistics and Data Analysis (3)
PHYS 111/L	General Physics I (4)
PHYS 112/L	General Physics II (4)

One of the following sets:

CHEM 252/L, 359, 471 or
CHEM 357/L, 358/L, 359 or

CHEM 357/L, 358/L, 471

**Additionally, the student must complete Education Department courses required for certification.*

MINOR SEQUENCE REQUIREMENTS

(24 CREDITS)

CHEM 113/L General Chemistry I (4)

CHEM 114/L General Chemistry II (4)

CHEM 241/L Organic Chemistry I (4)

CHEM 242/L Organic Chemistry II (4)

CHEM 243/L Analytical Chemistry (5)

One approved CHEM elective numbered CHEM 244 or higher excluding CHEM 351; if the course has an associated laboratory it is also required. Three (3) credits of CHEM research may be used as this elective.

FORENSIC MINOR REQUIREMENTS

(18+ CREDITS)

CJ 131 — Introduction to Criminal Law (3)

*CORE 278 — Forensic Chemistry (3)

CORE 275 — Human Genetics (3)

PSYC 341 Forensic Psychology (3)

CHEM 244/L Instrumental Analysis (5)

CHEM 373 or CHEM 475 or a forensically oriented research project in CHEM 496.

**Students are encouraged to substitute CHEM 475 for CORE 278, when possible. However, this may not be used to meet both requirements.*

Course Descriptions

CHEM 107 — General, Organic, and Biochemistry (4)

Chemistry 107 and the associated laboratory Chemistry 107L are intended for those entering health science and related fields such as Athletic Training and Physical Therapy. The course will progress from the basic tenets of general chemistry through organic chemistry and finally to biochemistry. Medical and health related applications will be emphasized. 4 lecture and 3 laboratory hours per week.

CHEM 113, 114 — General Chemistry I, II (4, 4)

Fundamental concepts and principles common to the various branches of chemistry. This includes descriptive chemistry, which deals in a systematic way with the more important elements and the structures, properties and reactions of their compounds. A balance between experiment and theory, between quantitative and qualitative aspects of the course material and between rigor and simplification is sought. Laboratory work emphasizes learning basic techniques, learning to manipulate and interpret numerical data and learning the relationship between experimental measurement and chemical theory through guided, independent work by the student. Primarily for students majoring in the natural sciences. Prerequisite: high school chemistry. 4 lecture-recitation and 3 laboratory hours for two semesters.

CHEM 197 — Early Research Experience in Chemistry (1)

An introduction to chemical research under the supervision of a department faculty member. A written report is required. Freshmen chemistry majors may begin chemical research

if they earn at least a B+ in CHEM 113 and B in CHEM 113L. *Permission of the faculty member and the department chair is required.*

CHEM 241, 242 — Organic Chemistry I, II (4, 4)

A study of elemental carbon and the properties, structures, reactions and syntheses of carbon compounds. Nomenclature, structure determination by spectrometric methods, reaction mechanisms and the relationship between structure and reactivity are among the topics covered along with the application of principles to the descriptive aspects of the subject. Laboratory work involves the synthesis of organic compounds, physical property measurements, separation and purification techniques, and the use of spectroscopic methods for compound identification. Prerequisite: CHEM 114. 3 lecture and 3 laboratory hours for two semesters.

CHEM 243 — Analytical Chemistry (5)

An application of the principles of equilibrium, electrochemistry and spectrophotometry to quantitative chemical analysis. The laboratory utilizes gravimetric, volumetric, potentiometric, and spectrophotometric methods of analysis with an emphasis on the technique required to produce accurate and precise results. Prerequisite: CHEM 114. 2 lecture and 4 laboratory hours.

CHEM 244 — Instrumental Analysis (5)

The theory and practice of quantitative and qualitative chemical analysis using instrumental techniques. Topics include the theory of operation, data interpretation, and practical applications of important spectroscopic, chromatographic and electrochemical methods. Prerequisites: CHEM 243 and approval of the department chairperson is required. 3 lecture and 4 laboratory hours.

CHEM 252 — Physical Chemistry for the Life Sciences (4)

An introduction to the basic principles, theories, techniques and methods of physical chemistry and their application to materials and processes occurring in living systems, but without the usual mathematical precision and rigor. Laboratory work emphasizes the quantitative acquisition of experimental data by classical and instrumental methods. Prerequisites: CHEM 114, MATH 125, and permission of the Department Chairperson. 3 lecture and 3 laboratory hours.

CHEM 296, 297 — Chemical Research I, II (1-2, 1-2)

Research into a problem of current chemical interest under the supervision of a department member. A written report is required. Sophomore chemistry majors may participate if they have a 3.400 G.P.A. in their chemistry courses and an overall G.P.A. of 3.000. *Permission of the faculty member and the department chair is required.*

CHEM 351 — Chemical Information Science (1)

An introduction to the methods of chemical information retrieval and display. While hand-searching of library materials is covered, CD-ROM and on-line computer searching will be emphasized. Sources of chemical information on the Internet will be explored. Students will become familiar with both 2-D and 3-D molecular drawing and visualization software, and the interface of these programs with presentation and Internet packages. 1 lecture and 1 library/computer practicum per week. *Alternate year course: Offered 2004-05*

CHEM 353 — Biochemistry (3)

An introduction to the major classes of biomolecules, enzymology, metabolism, and bioenergetics. Prerequisites: CHEM 242. 3 lecture hours.

CHEM 357, 358 — Physical Chemistry I, II (10)

A study of the macroscopic properties and principles of matter and energy that will be developed with appropriate rigor. Selected topics include the four laws of thermodynamics, phase and reaction equilibria, chemical kinetics, quantum mechanics, and statistical thermodynamics. Laboratories will closely correlate with topics discussed in lecture and will emphasize the completion of properly formatted and scientifically written laboratory reports. Prerequisites: CHEM 114, PHYS 112; concurrent: MATH 237. 3 lecture and 4 laboratory hours for two semesters.

CHEM 359 — Organic Structure Determination (3)

The application of the principles of organic chemistry to the separation and identification of organic compounds. Classical and spectrometric methods will be utilized to determine properties and structure of these compounds, which will aid in their identification. Prerequisite: CHEM 242. 2 hours lecture-recitation and 3 laboratory hours. *Alternate years: offered 2005-2006.*

CHEM 373 — Advanced Organic Chemistry (3)

Selected topics in Organic, Medicinal or Biochemistry. The choice of topics will be made by the instructor, depending on the mutual interests of the instructor and the students. Prerequisites: CHEM 242 and permission of the department chairperson. 3 lecture hours.

CHEM 396, 397 — Chemical Research I, II (1-2, 1-2)

Research into a problem of current chemical interest under the supervision of a department member. A written report is required. Junior chemistry majors or minors may participate if they have a 3.400 G.P.A. in their chemistry courses and an overall G.P.A. of 3.000. Permission of the faculty member and the department chair is required.

CHEM 471 — Advanced Inorganic Chemistry (5)

The properties and reactivities of inorganic compounds will be explained in terms of molecular symmetry, group theory, and molecular orbital theory. Sections on coordination and organometallic compounds will highlight synthesis, reactivity trends and recent advances. In the second half of the course there will be an emphasis on the preparation, characterization, and properties of solid state inorganic compounds. Laboratory work will involve the synthesis, purification, and characterization of inorganic compounds. Inert atmosphere, high temperature, high pressure, and glassblowing techniques will be acquired. The laboratory will place emphasis on the synthesis and properties of inorganic solid state materials. The laboratory is required for American Chemical Society Certification, but not for graduation with a chemistry major. 3 lecture hours and 4 laboratory hours.

CHEM 475 — Advanced Analytical Chemistry (3)

Selected topics in Analytical Chemistry. The choice of topics will be made in accord with the mutual interests of the instructor and students. Possible categories include forensic chemistry, spectroscopy, electrochemistry and other analytical methods. Prerequisites: CHEM 244 or CHEM 252 and permission of the department chairperson. 3 lecture hours.

CHEM 476 — Chemistry of Materials (3)

This course focuses on the relationship of structure to physical properties, with an emphasis on materials with everyday or industrial relevance. Methods of materials preparation along with the principles behind rational design of materials will be discussed. The analytical methods used to study materials will be surveyed. Among the classes of materials

examined are crystalline inorganic solids, organic polymers, glasses, catalysts, and composites. Pre- or co-requisites: CHEM 357, 358 and permission of the Department Chairperson. 3 lecture hours.

CHEM 477 — Advanced Physical Chemistry (3)

Selected topics in Physical Chemistry. Basic concepts in quantum mechanics and statistical thermodynamics are introduced and their application to atomic and molecular spectroscopy as well as theoretical kinetics are examined. The Schrodinger method of quantum mechanics is utilized and a variety of physical and chemical systems, including the hydrogen atom and many-electron atoms, are treated to illustrate this approach and its limitations. Prerequisites: CHEM 358, MATH 238, PHYS 112, and permission of the department chairperson. 3 lecture hours.

CHEM 479 — Solid State Chemistry (3)

This course surveys the wide variety of inorganic solid state structures and their properties. Topics include solid-state structure, crystal symmetry, electronic structure from a band theory perspective, magnetism, defects and their effects on properties, phase diagrams, chemical and physical properties of solids, x-ray diffraction, other analytical methods, synthetic methods, and important uses of solid state materials. Pre- or co-requisites: CHEM 357, 358 and permission of Department Chairperson. 3 lecture hours.

CHEM 493, 494 — Senior Colloquium (1,1)

The reading and synthesis of current research in the chemical literature. The student must prepare two seminars, one each semester, in two different areas of Chemistry. These seminars are presented orally to the department faculty and students. The student is expected to answer questions based on material learned in completed courses but pertinent to the seminar topic. *All senior chemistry majors must attend seminars given by other students and visiting speakers. Pass/Fail.*

CHEM 496, 497 — Senior Research I, II (3, 3)

An experimental or theoretical research project undertaken by the student under the supervision of a department member. The research requires the student to use advanced concepts and techniques to develop new knowledge that might be publishable. The interrelationship between laboratory work and literature searching is emphasized. A detailed written report describing the work must be submitted to the department chair upon completion of the course. A combined total of 10 laboratory and library hours is required. *Only open to senior science majors. Permission of the faculty member and the department chair is required.*

Chemistry of Materials Program

Humanity's progress throughout history has been marked by the desire for superior material goods such as sharper tools, warmer clothing, more comfortable houses; in short, for a higher standard of living. Often the best way to improve something was to make it from better material. The search for improved materials began with natural materials such as wood, stone or wool. Over the centuries better materials such as pottery, bronze and iron were found accidentally and improved by trial and error. Beginning in the last century, the scientific method has led to enormous advances in such materials as ceramics and steels.

The need for better materials has not lessened; indeed, with modern computers, spacecraft and even automobiles, improved performance waits for improvements in the materials used. Totally new combinations of properties such as strength, corrosion resistance, electrical conductivity, etc., are required. What has changed is how these materials are obtained.

The Chemistry of Materials is the modern way to new materials. We no longer find them; we design them. We use our chemical knowledge to predict which structures will have the desired combination of properties. Our chemical ingenuity allows us to produce those structures. This approach has led to all the advances in plastics; to the entire semiconductor industry (the basis of computers and electronics); to ceramic cutting tools for industry; stronger steels; and a host of others. More than half the chemists in the United States work in this area; yet, there are few programs that specifically train chemists in materials.

King's College faculty has special expertise in the area, and the Department has initiated a concentration in the Chemistry of Materials. Materials are studied at levels from the theoretical to the applied. Students learn about polymers, alloys, ceramics, composites and other types of materials — what their properties are and why. Their research projects involve the search for new materials or for better ways to produce present ones. Graduates of this program will be eligible for certification by the American Chemical Society, and recognized as having a special competence in this area.

Clinical Laboratory Science/ Medical Technology

Prof. Thomas V. Tobin, Program Director

The Bachelor of Science in Clinical Laboratory Science /Medical Technology degree program is designed to train and qualify students as Clinical Laboratory Scientists/Medical Technologists for hospital or clinical laboratories. This program meets the Clinical Laboratory Science requirements of the National Accrediting Agency for Clinical Laboratory Sciences (NAACLS).

Upon completion of three years of college-based study, the student sends transcripts to NAACLS for evaluation. This is done prior to his/her acceptance for internship at an accredited hospital. King's College is presently affiliated with several hospitals where a 12 month internship may be taken. Clinical experiences may be obtained at Wyoming Valley Health Care System-Hospital School of Medical Technology, Wilkes-Barre, PA; Robert Packer Hospital, Sayre, PA; Scranton Consortium, Scranton, PA; Valley Hospital, Ridgewood, NJ; Harrisburg Polyclinic Hospital, Harrisburg, PA; Lancaster General Hospital, Lancaster, PA; or any hospital having a School of Medical Technology approved by the American Society of Clinical Pathologists (ASCP).

This 3 + 1 program leads to a B.S. degree in Clinical Laboratory Science/Medical Technology and prepares the student for the National Certification examinations.

It should be noted that any student wishing to transfer into the King's Clinical Laboratory Science/Medical Technology program from another academic institution is required to complete the sophomore and junior level science courses at King's College.

The Clinical Laboratory Science/Medical Technology program requires more than 120 credits for eligibility for the degree, which is awarded at the completion of the professional phase in August of each year.

Students who complete a baccalaureate degree in biology, chemistry, or general science and who have the appropriate prerequisites may also apply to any school of Medical Technology approved by the American Society of Clinical Pathologists for study in preparation for the certification examination.

Education Requirements

MAJOR SEQUENCE REQUIREMENTS

	Fall Semester	Spring Semester
<i>Freshman</i>	General Biology I (Biol 111) General Chemistry I (Chem 113) Computing Skills: Sciences (CS 101)	General Biology II (Biol 112) General Chemistry II (Chem 114)
<i>Sophomore</i>	Organic Chemistry I (Chem 241) Immunology	Organic Chemistry II (Chem 242) Introduction to Statistics & Data Analysis

	Fall Semester	Spring Semester
<i>Junior</i>	(Biol 326)	(Math 126)* Medical Microbiology (Biol 214)
<i>Senior</i>	Hospital-based Clinical Rotation (30-36 credits)	

A student must complete the Core and all required sequences at Kings' (90 credits) before being eligible to enter the Hospital-based internship.

**Calculus I & II or higher level (sequences only) may substitute for this course.*

Senior Year: (Internship)

Students eligible for the fourth year, by virtue of having completed the preceding courses satisfactorily, may apply for admission to an A.S.C.P. certified school of Clinical Laboratories Science/Medical Technology. CLS/Med Tech internships are competitive and are dependent on the student's academic record and success in the interview process. The hospital is responsible for final selection. The College does not, in accepting applicants into the program, in any way assure acceptance into this phase of the program. It is the responsibility of the student, not the College, to both seek and gain admittance into an internship program. However, the College will assist the student in every way toward these placements.

MT 440 — Internship (30-36)

One calendar year of study (this curriculum may vary slightly from hospital to hospital). The curriculum pursued during the year of internship provides both theoretical and practical experience in the field.

MT 440-1 — Urinalysis and Renal Function

Emphasis is on the microscopic examination and identification of structures in the urine sediment; related testing using the centrifuge, refractometer, and dipsticks. Theory and relationship of tests to disease are studied and discussed.

MT 440-2 — Hematology and Coagulation

Study of the morphological characteristics of erythrocytes, leukocytes, and thromocytes, and the association of abnormalities with clinical conditions such as anemia and leukemia. Much time is spent on cell identification with the differential. In coagulation, the mechanism is studied, abnormalities are identified and their detection is studied. Exercises in coagulation tests such as fibrinogen levels, fibrin split-products and factor assays are studied.

MT 440-3 — Clinical Chemistry

Analytical procedures for the biochemical examination of body fluids, such as serum, spinal fluid, or urine. Practice in qualitative and quantitative techniques using modern laboratory instrumentation. Covered are the theories of operation, repair, recognizing problems, maintenance, and solving the problems of mechanization. Results of tests are related to the clinical state of the patient and his/her pathological state.

MT 440-4 — Immunohematology/Blood Banking

Introduction to blood banking which includes blood typing and cross-matching, antibody identifications, direct and indirect Coombs testing, etc., all in accordance to the standards of the American Association of Blood Banks.

MT 440-5 — Serology and Immunology

Study of antigen-antibody reactions in vitro such as RPR reagent testing, mono-tests, RA tests and SLE latex tests.

MT 440-6 — Parasitology

The study of and identification of protozoa, helminths, annelids and arthropods, which invade humans and manifest themselves as disease.

MT 440-7 — Bacteriology/Virology

Study of microorganisms pathogenic to man via gram stain, acid fast stain, and use of differential media. Practice in isolation and identification of bacteria from various body sources. Also studied are viruses, the minute infectious agents, which only replicate themselves within living host cells.

MT 440-8 — Mycology

The study of fungi, a group of eukaryotic protists, that can manifest themselves as disease in man.

MT 440-9 — Blood Collection/Phlebotomy

Instruction and practice in the technique of venipuncture.

Computers and Information Systems

Mr. Leonard Gorney, Chairperson

There is hardly an area of endeavor that has not in some way been affected by the computer. One can say we are living in the age of the computer. No other technical development or human concept has brought such rapid change nor had such profound and far-reaching effects on our everyday lives.

The computer has also had a significant effect on the manner in which businesses function. The computer is involved in literally all aspects of a business enterprise, ranging from accounting and marketing functions to controlling production processes and distribution of goods. Today's businesses would not be able to function competitively without the information provided by the computer. The information function is a fundamental resource of a business organization. Information systems principles are as basic to the operation of current and future business organizations as economic and other business principles were in the past.

The Computers and Information Systems (CIS) curriculum is primarily concerned with the application of the systems development life cycle to business-oriented, computer-based information systems. As such, its subject matter involves the study of systems analysis, systems design, database management, and computer programming, along with other technical and business study areas pertinent to the development and implementation of information systems in a variety of operational and administrative settings.

Graduates of the CIS program will be prepared for career opportunities in programming and systems analysis and design which often lead to careers in database administration, telecommunications, and managerial positions. Basically, the systems analyst works closely with users of the computer and formulates logical statements of business problems, decides what data is needed, designs a system to solve the problems, and selects packaged software when appropriate. The programmer is involved in the planning, writing and testing of computer instructions, which will solve the processing problem.

The CIS curriculum promotes the value of technical/business competency for entry-level success and for career growth and development. The major sequence requirements are listed below. Each semester's schedule, to be selected with the advice of a departmental adviser, will consist of five courses; the major sequence, selected Minor/elective sequence courses, and Core selections. Junior and senior CIS majors may participate in an approved CIS internship for which credit will be granted.

A CIS major or minor must attain a minimum C grade in all required CIS courses.

Education Requirements

MAJOR REQUIREMENTS

(20 COURSES — 60 CREDITS)

MSB 110	Basic Principles of Accounting I (3)
MSB 120	Basic Principles of Accounting II (3)
CIS 111	Microcomputer Principles I (3)

CIS 112	Microcomputer Principles II (3)
CIS 116	Visual BASIC Programming I (3)
CIS 241	Visual BASIC Programming II (3)
CIS 244	Structured Programming (3)
CIS 351	Systems Analysis, Design, and Implementation I (3)
CIS 352	Systems Analysis, Design, and Implementation II (3)
CIS 355	Geographic Information Systems (3)
CIS 356	Database Management Systems (3)
CIS 385	Telecommunications (3)
CIS 470	Object Oriented Programming (3)
CIS 472	Project Management (3)
MATH 122	Calculus II (3)

One of the following:

CIS 471	Applied Software Development Project (3)
CIS 499	Internship (3)

One of the following:

ECON 221	Quantitative Methods for Business and Economics I (3)
MATH 126	Introduction to Statistics and Data Analysis (3)

Nine (9) credits of department approved electives*

**CIS Majors have the opportunity to earn a Minor in selected disciplines by carefully planning and successfully completing the Minor requirements of departments within the School of Business as well as the College of Arts and Sciences. It is strongly recommended that the student majoring in CIS consult with his or her Academic Advisor regarding the selection of these electives.*

ASSOCIATE DEGREE REQUIREMENTS

(10 COURSES — 30 CREDITS)

CIS 499	Internship (3)
MSB 110	Basic Principles of Accounting I (3)
MSB 120	Basic Principles of Accounting II (3)
CIS 111	Microcomputer Principles I (3)
CIS 112	Microcomputer Principles II (3)
CIS 116	Visual BASIC I Programming I(3)
CIS 241	Visual BASIC Programming II (3)
CIS 244	Structured Programming (3)

Three of the following:

CIS 351	Systems Analysis, Design, and Implementation I (3)
CIS 352	Systems Analysis, Design, and Implementation II (3)
CIS 355	Geographic Information Systems (3)
CIS 356	Database Management Systems (3)
CIS 385	Telecommunications (3)
CIS 470	Object Oriented Programming (3)

Math placement to be determined by student's preparedness.

MINOR SEQUENCE REQUIREMENTS

CIS 111	Microcomputer Principles I (3)
CIS 112	Microcomputer Principles II (3)
CIS 116	Visual BASIC I Programming I (3)
CIS 241	Visual BASIC Programming II (3)

Two of the following:

- CIS 244 Structured Programming (3)
- CIS 351 Systems Analysis, Design, and Implementation I (3)
- CIS 355 Geographic Information Systems (3)
- CIS 356 Database Management Systems (3)
- CIS 385 Telecommunications (3)
- CIS 470 Object Oriented Programming (3)

Course Descriptions

CIS 111 — Microcomputer Principles I (3)

An introduction to computers and information systems concepts. Topics include micro-computer applications software dealing with spreadsheets, word-processing, database management systems, multimedia, and telecommunications.

CIS 112 — Microcomputer Principles II (3)

A continuation of the concepts and techniques dealing with computers and information systems concepts. Topics include integrating microcomputer applications software dealing with spreadsheets, word-processing, database management systems, multimedia, and telecommunications. Prerequisites: CIS 111, CS 115 or equivalent experience.

CIS 116 — Visual BASIC Programming I (3)

The Visual Basic programming language is used to develop special purpose applications in the Windows graphical user interface environment. The essential aspects of Visual Basic application building techniques are illustrated using practical problems. Topics include multiple forms, controls, event procedures, declaration procedures, functions, control arrays, and links to databases.

CIS 241 — Visual BASIC Programming II (3)

A continuation of Visual Basic application programming techniques. Topics include building ActiveX controls, creating classes and ActiveX DLLs, using ActiveX documents to create Web applications, creating VB macros for Microsoft Office applications and using collections, windows common controls and the Application Programming Interface Viewer. Prerequisite: CIS 116 or equivalent experience.

CIS 244 — Structured Programming (3)

Program design and development using the COBOL programming language to illustrate structured programming techniques. Topics include data organization, file processing, control structures, I/O functions, control break concepts, table handling, multiple dimensional arrays, indexed files, random access and file update and maintenance logic. Prerequisite: Appropriate programming course.

CIS 351 — Systems Analysis, Design, and Implementation I (3)

An introduction to the “top down” process of systems analysis based upon the four life-cycle phases of information systems. Emphasis is on introducing information systems development, the analysis of information requirements and starting the systems design phase. Prerequisites: CIS 112 and CIS 244 or CIS 112, 116, and 241 or equivalent experience.

CIS 352 — Systems Analysis, Design and Implementation II (3)

A continuation of CIS 351, completing the design phase and continuing with the implementation phase and systems administration. Current systems design techniques are utilized in this course. Prerequisite: CIS 351 or equivalent experience.

CIS 355 — Geographic Information Systems (3)

A hands-on approach to learning and using GIS software packages. Emphasis is on effective user interfacing as well as GIS terminology and use. Prerequisites: CIS 112.

CIS 356 — Database Management Systems (3)

A study of the necessary management, file, and data structures within the context of the design, implementation and use of a database management system. Topics include administration of data resource and program development in creating, maintaining, and accessing a database. Students will use current microcomputer (Access) and Large Scale (Oracle) application software within the database management system environment. Prerequisites: CIS 244.

CIS 385 — Telecommunications (3)

An introduction to teleprocessing and communications networks. Topics include categories of transmission systems and communications lines, modes or transmission, network structures, and hardware/software considerations. Prerequisite: CIS 241 or CIS 244 or permission of chairperson.

CIS 470 — Object Oriented Programming (3)

An introduction to OOP concepts and design using C++ programming language. Topics include I/O streams, classes, objects, inheritance, function and operator overloading, rules of scope, memory allocation, references, and class libraries. Prerequisite: CIS 241 or CIS 244.

CIS 471 — Applied Software Development Project (3)

A practicum in systems development utilizing real projects that require the application of systems analysis, systems design, programming, and business and information systems concepts and practices. *Open to senior CIS Majors only.*

CIS 472 — Project Management (3)

An introduction to the management of information systems in the modern business environment. The course focuses on the definition, development, and use of appropriate information systems for contemporary business needs. Systems components, organizational concepts, and management control issues are examined as they apply to operational, tactical and strategic decisions within the firm. *Open to senior CIS majors only.*

CIS 490 — Special Topics (3)

This course is a forum for a variety of current topics within the information systems discipline. Students will be expected to supplement the traditional classroom work with additional research material in order to become familiar with the selected topic. Topics, selected by the CIS department, reflect changing contemporary methodologies, technologies, and research techniques that are not currently covered in other courses. *Permission of the department chairperson is required.*

CIS 497 — Independent Study in Computers and Information Systems (3)

Advanced projects in a specialized area of Computers and Information Systems under the supervision of a CIS faculty member. *Senior status required; open to juniors with permission of department chairperson.*

CIS 499 — CIS Internship (3)

Independent work-related experiential learning activity based on procedures established by the Center for Experiential Learning. Prerequisite: Junior status or permission of Department Chairperson.

Computer Science

Mr. Leonard Gorney, Director

The Computer Science Program offers the Bachelor of Science degree in Computer Science.

The use of computers has expanded into all aspects of daily life and work, and as a result the field of Computer Science is expanding and developing rapidly with new graphical user interface designs, networking techniques and Web strategies as well as research into areas as diverse as human-computer interactions, medical diagnosis, mapping of the DNA molecule, scientific visualization, biological simulation, artificial intelligence, and engineering design. Challenges to the computer scientist in the future are beyond one's imagination.

The Computer Science major is designed to develop the analytical ability and computer expertise which are vital in the fields of science, technology and industry. The curriculum is organized so that students understand the field of computing as an intellectual discipline and are prepared to apply their knowledge to the solution of specific problems in a variety of fields. The program seeks to provide a coherent broad-based coverage of the discipline of computing and its specialized sub-fields. The students use the laboratory to investigate experimentally the behavior of complex systems.

The Computer Science major prepares students to enter graduate studies in Computer Science or to begin working in the profession in such areas as software development, Web design, or systems programming. A computer scientist involved in software development applies scientific, mathematical and technical skills to analyze problems in many areas. With an understanding of the capabilities and limitations of the computer, the computer scientist formulates these problems so that they may be solved through the use of the computer. A systems programmer creates and/or maintains the computer's operating system, utility programs and software packages. A web programmer designs and builds Web pages to allow for secure interactive transactions to occur.

Education Requirements

MAJOR SEQUENCE REQUIREMENTS

(20 COURSES — 60 CREDITS)

CS 101	Computing Skills: Sciences (1)
CS 115	Introduction to Computer Science with Java (3)
CS 126	Computer Design and Architecture (3)
CS 133	Problem Solving and Programming in Java (3)
CS 232	Data Structures (3)
CS 235	Discrete Mathematics (3)
CS 301	Advanced Object Oriented Programming (3)
CS 305	Systems Programming (3)
CS 328	Theory of Algorithms (3)
CS 364	Operating Systems (3)
CS 423	High Level Programming Languages (3)
CS 480	Software Engineering (3)
CIS 116	Visual Basic Programming I (3)

CIS 356	Database Management Systems (3)
MATH 127	Logic and Axiomatics (3)
MATH 129	Analytical Geometry and Calculus I (4)
MATH 130	Analytical Geometry and Calculus II (4)

Three of the following:

CS 336	Advanced Discrete Mathematics (3)
CS 356	Modeling and Simulation (3)
CS 375	Computer Graphics (3)
CS 448	Artificial Intelligence (3)
CS 499	Computer Science Internship (3)
MATH 363	Mathematical Modeling (3)

The following electives are recommended for Computer Science majors:

CIS 241	Visual Basic Programming II (3)
CIS 244	Structured Programming: COBOL (3)
MATH 231	Analytical Geometry and Calculus III (4)
MATH 250	Linear Algebra (4)
PHYS 111	General Physics I (4)
PHYS 112	General Physics II (4)

MINOR SEQUENCE REQUIREMENTS

(6 COURSES — 18 CREDITS)

CS 115	Introduction to Computer Science with Java (3)
CS 126	Computer Design and Architecture (3)
CS 232	Data Structures (3)
Nine (9) credits	CS electives
CS 101	Computing Skills: Sciences (1)

INTRODUCTION TO COMPUTER TECHNOLOGY FOR STUDENTS MAJORING IN THE NATURAL SCIENCES AND MATHEMATICS.

The goal of the course is to familiarize students with software packages enabling them to use word processing, spreadsheets, and Internet skills effectively as tools in their science courses, Core courses, and everyday activities. Course is graded pass/fail.

Course Descriptions

CS 115 — Introduction to Computer Science with Java (3)

A survey of the field of computing with an introduction to programming in Java. Object-oriented program design, algorithms, programming constructs, computers and society. 2 lecture and 2 laboratory hours.

CS 126 — Computer Design and Architecture (3)

Number Systems, Boolean Algebra, Logical design and circuits, arithmetic operations, input-output devices, computer organization and control. Prerequisite: CS 115 or MATH 127.

CS 133 — Problem Solving and Programming in Java (3)

Writing Java applications and applets to solve a variety of problems. Introduction to algorithms, data structures, the object-oriented programming paradigm, the Java virtual machine and programming language, a program development environment, and professional programming style guidelines. Prerequisite: CS 115. 2 lecture and 2 laboratory hours.

CS 232 — Data Structures (3)

Introduction to data structures, e.g., stacks, queues, lists, trees and graphs. Recursive simulation and programming: sort and search techniques, storage management. Prerequisite: CS 115.

CS 235 — Discrete Mathematics (3)

Introduction to graph theory, combinatorics, discrete probability, complexity of algorithms, generating functions, recurrence relations. Course includes programming assignments. Prerequisites: MATH 130, CS 115.

CS 301 — Advanced Object Oriented Programming (3)

Advanced topics in object-oriented programming in C++ and Java. Use of class libraries and templates, development of frames and graphical user interfaces. 2 lecture and 2 laboratory hours. Prerequisite: CS 133.

CS 305 — Systems Programming (3)

Introduction to machine language, assembly language, compilers and interpreters, and the translation of high level languages into executable code. Prerequisites: CS 126.

CS 328 — Theory of Algorithms (3)

Analysis of algorithms with emphasis on time complexity. Applications to data structures, graph theory, and algebraic computations. Introduction to algorithm verification, NP-completeness, and parallel computing. Prerequisites: CS 232, 235.

CS 336 — Advanced Discrete Mathematics (3)

Finite state machines, regular expressions, grammars, data compression, encryption, advanced topics in discrete mathematics. Prerequisite: CS 235.

CS 356 — Modeling & Simulation (3)

A study of mathematical modeling and simulation techniques, definitions, history, background. Advantages and criteria of applications; stochastic features: Monte Carlo, generation of random statistical variates; data collection, generation, reduction and analysis. A brief summary of flowcharts, computer programming, simulation languages, model validations. The general approach to model construction: conceptualization, implementation and results. Prerequisites: CS 235, MATH 250.

CS 364 — Operating Systems (3)

Processes, input/output operations, multi-user operating strategies, memory and file management, system utilities. Examples of operating systems. Prerequisite: CS 232.

CS 375 — Computer Graphics (3)

Basic interactive graphics programming. Graphics hardware. Raster Algorithms and software. Three dimensional representation. Prerequisites: CS 133.

CS 423 — High Level Programming Languages (3)

Comparative design of programming languages; programming paradigms; program structure and representation; basic input and output; data presentation; and programming projects in a new language. Prerequisite: CS 232.

CS 448 — Artificial Intelligence (3)

The intelligent computer. Learning and teaching thinking. Logic patterns. Language and learning. Expert systems. AI languages. Prerequisite: CS 235.

CS 480 — Software Engineering (3)

A capstone course incorporating the senior integrated assessment. Project planning, sys-

tem requirements, structured software design. Testing for verification and validation. Security and privacy considerations. Project presentation. Prerequisite: CS 232.

CS 491 — Advanced Topics in Computer Science (3)

Content of course will vary depending on the interest of the Computer Science Department and on recent advances in the Computer Science field. Prerequisites: CS 126, 232. *Approval of Program Director required.*

CS 492 — Advanced Topics in Computer Graphics (3)

The content of this course will vary. Each time the course is offered it will focus on varying advanced topics in computer graphics: i.e., Functional Based Modeling; Fractal Geometry; Ray Tracing; Animation; and Scientific Visualization. Students are expected to undertake a research project and either publish or present their results. Prerequisite: CS 375.

CS 497 — Independent Study in Computer Science (3)

Projects in a specialized area of Computer Science under the supervision of a faculty member in the Computer Science program. The student and faculty member define the scope of the project and meet regularly throughout the semester. *Open to junior and senior Computer Science majors upon approval of the program director.*

CS 499 — Computer Science Internship (3-6)

An option for junior or senior majors to gain practical experience in the application of computer systems. Regular meetings with a faculty coordinator are required.

Criminal Justice

Dr. Bill Lutes, Chairperson

The Criminal Justice program offers course work leading to the Bachelor of Arts degree; the Associate of Arts degree is also available through the Center for Lifelong Learning. The major in Criminal Justice is designed to: 1) enhance the career opportunities of students employed in the criminal justice system, 2) prepare students for careers in law enforcement, corrections, and related fields, 3) provide students with academic preparation for further study in criminal justice, criminology, law, public administration, social work, sociology, and 4) sensitize the non-degree, adult student to the perplexing dilemma of crime in our society.

The areas of study include law enforcement, crime and delinquency, nature of the law, social control, corrections, the courts, and private security.

Specific career and advanced study opportunities for the Criminal Justice major include those of: police officer, federal law enforcement agent (F.B.I., Secret Service, Treasury, Drug Enforcement, Customs Inspector), prosecutor, public defender, corrections officer, state trooper, probation and parole agent, sheriff's deputy, law school, graduate school, forensic scientist, court administrator, and private security investigator.

A Criminal Justice major at King's has the opportunity to pursue a double major. This allows the student to select a second field of study from any of the other majors offered at the college such as: government, history, psychology, sociology, etc.

Criminal Justice majors may also participate in an internship at one of the many municipal, county, state, and federal agencies located in the Wilkes-Barre area.

Education Requirements

MAJOR SEQUENCE REQUIREMENTS

(15 COURSES — 43 CREDITS)

CJ 110	Introduction to the Criminal Justice System (3)
CJ 131	Introduction to Criminal Law (3)
CJ 333	Criminology (3)
CJ 351	Police Operations I (3)
CJ 352	Police Operations II (3)
CJ 373	Juvenile Delinquency (3)
CJ 475	Adult Corrections (3)
CJ 493	Senior Seminar (3)
SOC 201	Introduction to Sociology (3)
SOCS 102	Computer Skills: Social Sciences (1)
SOCS 251	Computer Applications in the Social Sciences (3)
SOCS 261	Statistics and Methods of Social Research (3)
Six (6) credits CJ electives	
Three (3) credits SOC elective	

ASSOCIATE DEGREE (A.A.) REQUIREMENTS

(8 COURSES — 24 CREDITS)

CJ 110 Introduction to Criminal Justice System

CJ 333 Criminology

SOC 201 General Sociology

Fifteen (15) credits CJ electives

MINOR SEQUENCE REQUIREMENTS

(6 COURSES — 18 CREDITS)

CJ 110 Introduction to the Criminal Justice System (3)

CJ 333 Criminology (3)

Twelve (12) credits 300-level CJ electives

CJ 110 is prerequisite for all other courses in Criminal Justice. Note that the above major sequence is effective with the Fall 1996 semester.

Course Descriptions

CJ 110 — Introduction to the Criminal Justice System (3)

Survey of the formal institutions of social control: the body of the criminal law, the police, the courts, and various forms of “corrections.” The course perspective may be alternately historical, organizational (sociological), or social-psychological. Visits, field trips.

CJ 131 — Introduction to Criminal Law (3)

The elements of major criminal offenses such as murder, robbery, manslaughter, rape, and other substantive offenses. The commonly accepted defenses to these crimes (insanity, consent, entrapment, and self-defense) are studied. The student is expected to apply criminal law definitions and defenses to real life factual situations in order to determine the likelihood of successful prosecution or acquittal. 3 hours.

CJ 333 — Criminology (3)

The origin, history and causes of crime. Sociological and social psychological perspectives (including critical and peacemaking approaches) in criminology. Analysis of crime prevention, intervention, restoration and rehabilitation. *Cross-listed as SOC 333.*

CJ 351 — Police Operations I (3)

An examination of the basic factors which influence police operations. Emphasis on the nature, purpose and functions of police operations with particular attention to the management process involving management by objectives. Patrol techniques, leadership, special operations, patrol manpower distribution, command and control, and other patrol operations will be explored and analyzed.

CJ 352 — Police Operations II (3)

An in-depth analysis of the special problems involved in police operations. Existing patrol practices are compared and evaluated critically. Topics include team policing, tactical operations, unusual occurrences, terrorism and civil disorders. Consideration will be given to the future of patrol and an evaluation of recent theories for increased policing efficiency. Prerequisite: CJ 351.

CJ 355 — Criminal Investigation (3)

An analysis of the techniques and methods used by a criminal investigator in order to solve a criminal incident. Examination of the laws and rules of evidence; the collection and

analysis of physical and latent evidence; basic investigative leads; forensic science and criminalistics; interviewing witnesses and the interrogation of suspects. Particular investigative procedures employed in the solving of such crimes as homicide, rape, arson, and organized crime will be detailed.

CJ 363 — Criminal Procedure (3)

A study of the Bill of Rights and the Fourteenth Amendment to the Constitution by focusing on those provisions which relate to the rights of persons accused of crimes. The individual's right to due process safeguards the availability of counsel and protection from unreasonable searches and seizures, compulsory self-incrimination and double jeopardy. Development of, and reasoning behind the "exclusionary rule" of evidence is analyzed. In addition, this course will examine the Federal and Pennsylvania Rules of Criminal Procedure. *Cross-listed as PS 363.*

CJ 365 — Court Administration (3)

The manner in which the federal and state court systems administer justice and conduct their day-to-day operations. The student will become familiar with the personnel and financing of court systems. State and federal processing of cases will be compared and contrasted. The impact of Supreme Court decisions on the trial of criminal cases will be analyzed. Issues such as selection and removal of judges, plea-bargaining, unified court systems, and court reform will be studied.

CJ 367 — Rules of Evidence: Cases and Principles (3)

The admissibility or inadmissibility of critical pieces of evidence. Topics include the hearsay rule and its exceptions; the opinion evidence rule; character and reputation evidence; direct and cross-examination of witnesses; radar evidence; voice spectrographs, identification by hypnosis; and other pertinent rules of evidence.

CJ 373 — Juvenile Delinquency (3)

The sociological and social psychological factors involved in delinquent behavior. The issues are considered within the framework of definition, extent, causation, accountability and juvenile justice reactions to the problem of delinquency, including the restorative approach. *Cross-listed as SOC 373.*

CJ 374 — Juvenile Intervention (3)

Differential procedures and perceptions of the criminal justice system for the juvenile offender. Prevention and control of delinquency; theoretical models, deflection away from institutionalization. Discrete relationships between the community, the victim and the juvenile offenders with the intent to repair harm.

CJ 381 — Private Security (3)

An overview of private security in its practical application, and analyzes various theoretical approaches to some of its problems. Emphasis on the fundamental principles of risk assessment, physical protection, systems of defense, internal security, fire prevention, emergency planning, safety and insurance protection.

CJ 383 — Probation, Parole, and Community Based Corrections (3)

An analysis of probation, parole, and other forms of community based correctional programs. Constitutional-legal and political questions as well as the efficaciousness of community based corrections.

CJ 453 — Police Community Relations (3)

Survey of relationships between and among police, the community and the citizen; analysis of community relations, citizen complaints; analysis of frustrations arising from police-minority encounters; attitude formation and modification; critical examinations of the stereotypes of police and the community about each other; civil disorders and disobedience; police deviance.

CJ 457 — Police Administration (3)

Examination of the basic principles of organization and management theory as applied by the police administrator. Emphasis will be on the systems approach theory to organization and administration. The individual, groups, communications flow, decision-making, and policy and procedures within the police organizations will be explored and analyzed.

CJ 464 — Juvenile Law & Justice (3)

This course examines various aspects of juvenile justice and its application in the court system. Topics include the philosophy of the juvenile justice system (including restorative justice), the jurisdiction of juvenile courts and its relation to status offenders, delinquents, and dependent children. The juvenile court system's use of intake and diversion will be discussed along with the role of police, prosecutors and defense counsel. "Certification", that is the process of transferring a juvenile from juvenile court to adult court, will also be examined along with the attendant legal rights, which accompany juveniles who find themselves "in the system".

CJ 470 — Deviant Behavior (3)

An analysis of the social creation of the deviant behavior as examined through the social processes of rule making, rule breaking and social control. Particular emphasis is placed on the role of conventional values and the effects of societal labeling in the deviance process. Alternate lifestyles are objectively examined. *Cross-listed as SOC 470.*

CJ 475 — Adult Corrections (3)

Critical survey of history and philosophies of corrections including punishment, treatment, and restorative. Critical examination of such intermediate and diversion practices as probation and parole, community based approaches and boot camps. Sociological examination of the several experiential worlds within a correctional institution.

CJ 477 — Theories of Crime (3)

Survey of the genetic development of theories of crime-causation in the 18th, 19th, 20th Centuries; "schools" of criminological thought, classification and typologies of crime and the criminal, discrete theories of individual and social behavior.

CJ 482 — Mental Illness and the Criminal Justice System (3)

The primary issue to be examined will be the insanity defense, from its inception to present day use. Landmark cases will be analyzed and discussed in detail. Other topics include the study of mental illness from both legal and psychological viewpoints, the criminalization of the mentally ill, alternatives to the insanity defense, the burden of proof in insanity cases, the use of expert witness, the role of the jury and Pennsylvania's Mental Health Procedures Act.

CJ 485 — Organized Crime (3)

The evolution of organized crime, particularly its development in the United States. An examination of organized crime in terms of community structure, political influences and

corruption. Specific activities such as gambling, prostitution, drug traffic, pornography, and white-collar crime are explored. The methods and problems for organized crime control are also evaluated.

CJ 486 — Drugs in the Community (3)

This course will examine the various aspects of misuse of drugs and alcohol in today's society. Focus will be on various drug categories, alcoholism, chemical dependence and treatment. Special emphasis will be on the impact of drug and alcohol abuse relative to the individual, the workplace and society.

CJ 487 — White-Collar Crime (3)

The variety, scope, pervasiveness and historical roots of white collar crime. Topics include computer crime, infiltration of legitimate business by organized crime, political crimes, consumer fraud and price-fixing. The response of law enforcement agencies to this complex, sophisticated, and often neglected area will be examined. Case studies of sensational scandals, such as Watergate, the electrical companies price-fixing scheme, and the Equity Funding scandal will be examined.

CJ 490 — Organizational Management in Criminal Justice Agencies (3)

Studies criminal justice organizations from the established perspectives of management and organization theory. Readings draw on the literature of management, organizations, the human services, and criminology in an effort to consider the implications of these perspectives for the management and administration of justice. Includes review of management and organizational behavior in public organizations, diagnosing organizations, organizational development, and evaluation research.

CJ 491 — Special Topics in Criminal Justice (3)

Special topics presented by college faculty with special expertise, or by outside persons who possess extraordinary skills. Current offerings include child abuse, street gangs, and women in the Criminal Justice system.

CJ 493 — Senior Seminar in Criminal Justice (3)

A seminar designed to investigate and analyze contemporary and emergency issues in the criminal justice field.

CJ 497 — Supervised Individual Study (3)

The study of a CJ phenomenon, organization, or topic under the direct supervision of a faculty member. *The student wishing to enroll in his course must submit a brief written proposal outlining the purpose of the study, endorsed by a faculty sponsor (not necessarily in the department) and by the chairperson of the department.*

CJ 499 — Internship (3)

On-the-job training experience is offered in cooperation with such agencies as the Luzerne County District Attorney's Office, the Public Defender's Office, the Probation and Parole Department, the Juvenile Detention Center, the Court Administrator's Office, the Wilkes-Barre Police Department, and other agencies.

Social Sciences

There are certain skills and areas of knowledge which all students majoring in social science disciplines should acquire in common: to learn computer competency, research methodology, and statistical manipulation. The Social Science division has designed three courses to teach these essential skills. The courses are required of Social Science division majors, but students in other divisions are encouraged to consider them as a means of broadening their knowledge and educational experience. The courses are normally taken in sequence, but can be taken concurrently.

SOCS 102 — Computer Skills: Social Sciences (1)

A hands-on experience in learning and or upgrading skills involved in using Windows 2000, Microsoft Word 2000, Excel 2000, and the Internet. In addition to learning the basic techniques for navigating the Internet, the student will learn how to locate information useful in better understanding their major and current career direction.

SOCS 251 — Computer Applications in the Social Sciences (3)

An introduction to the various uses of computers in the social science disciplines of criminal justice, gerontology, and sociology. Emphasis will be placed upon understanding and usage of spreadsheets, data base management systems, computerized information retrieval, services, and computer-based communications. The primary focus will be upon the computer as an effective tool in social science research and writing, and the major teaching-learning strategy will be hands-on use of computers.

SOCS 261 — Methods and Statistics of Social Research (3)

The techniques of social research and the role of statistics in compiling and analyzing its results. Topics include hypothesis formulation, measurement, questionnaire construction, interviewing, sampling, statistical tests, scaling, coding, reliability and validity, and the ethics of social research. A vital learning mechanism of the course will be each student's completion of an original survey research project.

Economics

Dr. Margarita M. Rose, Chairperson

The Economics curriculum is designed to provide students with an ordered knowledge of people seeking a living within the framework of a mixed free-enterprise system that is founded on the inherent freedom and dignity of the individual person. Because a significant portion of all human activity may be characterized as economic activity, a liberal arts based program necessarily includes a formal analysis of human material wants and the means by which these wants are satisfied with relatively scarce material resources.

As a more immediate aim, the department strives to give the first formal training in Economics to those students who would become professional economists and to those who seek knowledge of Economics as part of their training for other professions such as law, banking, government, or industry.

Students desiring to pursue graduate studies in Economics are advised to take appropriate courses in the Department of Mathematics.

The minor can be useful for a variety of students. For humanities and social science majors, Economics can provide them with a quantitative and analytical background and a familiarity with the economic way of thinking. A minor in Economics contains some of the prerequisites for several graduate degrees and is especially helpful in the pursuit of an MBA and in many areas of law.

In conjunction with the Political Science Department, a minor in Political Economy is also offered. Students who plan to work in or with government would benefit greatly from this cross-disciplinary program.

Education Requirements

MAJOR REQUIREMENTS B.A. DEGREE PROGRAM

(12 COURSES — 36 CREDITS)

MSB 130	Introductory Computer Applications for Business (3)
CORE 153	Principles of Economics: Macro (3)
ECON 112	Principles of Economics: Micro (3)
ECON 221	Quantitative Methods for Business and Economics I (3)
ECON 222	Quantitative Methods for Business and Economics II (3)
ECON 355	History of Economic Analysis (3)
ECON 358	International Economics (3)
ECON 371	Intermediate Micro-Economic Theory (3)
ECON 372	Intermediate Macro-Economic Theory (3)

Nine (9) credits ECON electives

MINOR SEQUENCE REQUIREMENTS

(6 COURSES — 18 CREDITS)

CORE 153	Principles of Economics: Macro (3)
ECON 112	Principles of Economics: Micro (3)
ECON 221	Quantitative Methods for Business and Economics I (3)

Nine (9) credits selected from ECON 222 or 300 or 400-level ECON electives

MINOR IN POLITICAL ECONOMY

See listing under Political Science.

Course Descriptions

CORE 153 — Principles of Economics: Macro (3)

Macro-Economics: the theory of national income, aggregate demand, and the level of employment; money and banking; and government fiscal policy.

ECON 112 — Principles of Economics: Micro (3)

Micro-economic principles: the theory of price under various market conditions; the economic function of government; elements of international economics.

ECON 221 — Quantitative Methods for Business and Economics I (3)

An introduction to statistical and mathematical methods used in business fields and economics. Topics include basic statistical concepts, sampling, probability, basic statistical distributions, estimation, hypothesis testing, and introduction to regression analysis.

ECON 222 — Quantitative Methods for Business and Economics II (3)

Topics include matrix theory, multiple regression analysis, logistic regression, time series analysis, analysis of variance, nonparametric methods, and linear programming. Prerequisite: ECON 221

ECON 353 — Money, Banking, and Financial Institutions (3)

The nature of money and monetary standards, commercial banking, the money market and financial institutions, central banking, monetary policy, and an introduction to monetary theory. This course will also examine the impact of inflation and regulation on financial institutions and markets. Prerequisite: CORE 153.

ECON 355 — History of Economic Analysis (3)

The contributions of outstanding economists from antiquity to Keynes and the origin and development of the doctrines of the principal schools of economics. While consideration is given to the historical and philosophical background, the emphasis is on the development of theoretical concepts. Prerequisites: CORE 153 and ECON 112. *Alternate years: offered 2005-2006*

ECON 356 — Economic Development and International Geography (3)

Issues in development-population, land usage, transportation, industrialization and natural resources-examined in various regions of the world. Particular consideration is given to the way in which a country's geography affects its economic development. Prerequisite: CORE 153 or ECON 112.

ECON 357 — Labor Economics (3)

Wage and productivity theory, the historic development of institutions that influence the level of wages and employment, collective bargaining, and labor and social legislation. Prerequisite: ECON 112.

ECON 358 — International Economics (3)

The development of the theory of international specialization and trade, the questions of free trade and protectionism, an analysis of foreign exchange rates and balance of payments with an appraisal of international financial institutions. Prerequisites: CORE 153 or ECON 112. *Alternate years: offered 2005-2006.*

ECON 359 — Industrial Organization and Public Policy (3)

American anti-trust laws and their relation to economic theory, the problems of enforcement, and an investigation of government policy and regulation for various types of business, such as public utilities. Prerequisite: ECON 112.

ECON 360 — Comparative Economic Systems (3)

Analysis of the institutional structure of each type of economy and the ways in which basic economic principles work through such structures to produce economic results. Prerequisite: CORE 153 or ECON 112. *Alternate years: offered 2004-2005.*

ECON 371 — Intermediate Micro-Economic Theory (3)

Price Theory: utility and demand theory; the principles of production and nature of costs for the firm; pricing and output under various market conditions; the determination of factor prices. Prerequisite: ECON 112. *Alternate years: offered 2004-2005.*

ECON 372 — Intermediate Macro-Economic Theory (3)

Economic aggregates that determine the level of national income and employment: the interrelationship of aggregate demand, interest rates, wages, output and the price level. Prerequisites: CORE 153. *Alternate years: offered 2004-2005.*

ECON 373 — Public Finance (3)

Public revenues, the tax system and tax incidence, public expenditures, debt policy and debt management, budgeting and the objectives of fiscal policy. Particular problems of state and local finance are also given consideration. Prerequisites: CORE 153 and ECON 112. *Alternate years: offered 2005-2006.*

ECON 491 — Women, Poverty, and the Environment (3)

Examines the contributions and experiences of women as economic actors and some of the common difficulties facing women in fulfilling their economic obligations in various parts of the world. Also analyzes conditions and causes of global poverty. A third component explores the effect of current economic structures on the environment as well as economic approaches to environmental issues. Prerequisites: CORE 153 or ECON 112. *Alternate years: offered 2004-2005. Cross-listed as ENST 491 and WMST 491.*

ECON 497 — Independent Study in Economics (3)

Advanced projects in a specialized area of Economics under the supervision of an Economics faculty member. *Senior status required; open to juniors with permission of Department Chairperson.*

ECON 499 — Internship in Economics (3)

An option for juniors and seniors to apply economic concepts learned from intermediate theory and economic elective courses. It should be an extension of a normative or an economic elective course, and should not be a substitute. Knowledge gained from experience must be demonstrated by periodic reports to the faculty coordinator and through an appropriate project or paper.

Education

Dr. Keith Dils, Chairperson

The Education Division of King's College is dedicated to preparing young men and women to become teachers in a program that is consistent with the liberal arts tradition and the mission statement of King's College.

The Division is small enough to offer individual attention to all students and large enough to be well staffed and equipped. Our staff and physical facilities are unsurpassed by any comparable educational program.

All full-time members of the Education Division faculty are credentialed at the doctoral level, and an entire floor in the Administration Building is dedicated to the Education Division. This includes: education faculty offices; an education student lounge; an instructional materials development center for students and teachers; a special resource room containing supplementary materials for all of the required courses; our own elementary, secondary, and graduate classrooms; and, a state of the art teacher technology center equipped with the latest hardware and software.

The program for teacher education at King's College is approved by the Commonwealth of Pennsylvania and meets certification requirements in elementary, early childhood, and specified secondary areas, as well as reading specialists at the graduate level. Secondary certification at King's is approved in: Biology, Chemistry, Citizenship Education, English, French, General Science, Mathematics, or Spanish. Early Childhood certification is nursery through third grade. Certification in elementary is a comprehensive certification of kindergarten through sixth grade.

Students wishing to pursue special education may do so in a cooperative program with a neighboring institution. In this program, students will receive a King's College degree but will be certified in special education by the cooperating institution.

Students generally begin taking their professional education courses in the fall of their sophomore year. However, taking education courses does not constitute formal acceptance into the education program. Formal application to the education program will be made at the end of the sophomore year after having 48 credits completed. At this time the Education Division will assess the student's program. Students should demonstrate a positive attitude toward teaching, have an overall G.P.A. of 3.0 or higher, earn a passing score (as established by the Pennsylvania Department of Education) on the PRAXIS PPST Tests, and meet the state requirements for health. If all of these conditions are met, the student is admitted formally to the teacher education program.

In the event a student does not meet all the criteria but gives evidence that the criterion or criteria lacking can be achieved at some future point, a conditional approval may be granted. The application is reviewed again at a later date. Students are expected to develop and exhibit throughout the entire program the qualities desirable in a teacher; consequently, students in the King's College teacher preparation program can expect individualized attention throughout the entire program.

Basic Requirements

Preparation for certification must include at least sixty semester hours of general education. The distribution of the courses will cover the humanities, social sciences, and the natural sciences and conform to the college's Core Curriculum. Students seeking certification in secondary education will major in one of the following content areas: Biology, Chemistry, English, French, General Science, History, Mathematics, or Spanish. At King's, students pursuing a certificate in Citizenship Education will major in history and complete additionally prescribed courses for a social studies core. Elementary education students will major in elementary education and may opt for early childhood certification. Early childhood majors will major in early childhood and may additionally opt for elementary education certification.

All education students, elementary, early childhood, and secondary, will take a minimum of thirty-seven hours of professional education courses. They will include courses in educational foundations, field experiences, reading skills, educational psychology, human growth and development, methods and designs of instructional media, general and special methods of teaching, teaching the exceptional child, and student teaching practices.

Student Teaching

During the senior year, all students in the teacher education program are required to participate in a professional semester. This includes approximately three weeks of course work followed by fourteen weeks of supervised full-time student teaching. Over 90 education majors each year are placed in student teaching positions at various early childhood, elementary and high schools in the local area. Student teaching assignments are also available in London for students wishing to teach in an international setting. The London experience combined with a seven-week student teaching experience in a Pennsylvania school fulfills the requirement for Pennsylvania Teacher Certification. During the student teaching semester, students are discouraged from taking any other courses.

Education Requirements

ELEMENTARY EDUCATION REQUIREMENTS

Professional Education Requirements:

CORE 154	Psychological Foundations (3)
EDUC 201	Foundations of Education (3)
EDUC 210	Developmental Psychology for Educators (3)
EDUC 211	Educational Psychology (3)
EDUC 236	Early Field Experience (1)
EDUC 325	Teaching Children with Exceptional Needs (3)
EDUC 350	Classroom Management (3)

Elementary Special Methods Requirements:

EDUC 336	Foundations of Reading N-6 (3)
EDUC 337	Assessment and Instruction of Reading (3)
EDUC 338	Language Arts Methods N-6 (3)
EDUC 339	Children's Literature N-6 (3)
MATH 210	Math Methods N-6 (3)

- EDUC 342 Science Methods N-6 (3)
- EDUC 343 Social Studies Methods N-6 (2)
- EDUC 344 Art Methods N-6 (1.5)
- EDUC 345 Music Methods N-6 (1.5)
- EDUC 346 Health, Physical Education & Safety Methods N-6 (2)

Mathematics Requirements:

- MATH 101 Theory of Arithmetic for Elementary Teachers (3)
- MATH 102 Geometry and Probability for Elementary Teachers (3)

One of the following:

- MATH 124 Probability and Statistics for Education Majors (3)
- PSYC 335 Statistics and Research Design (3)

Science Requirements:

- BIOL 200 Life Science for Elementary Education (3)
- PHYS 100 Physical Science for Elementary Education (3)
- Three (3) credits selected from CORE 271-279

Special Requirements:

- HIST 252 World Cultural and Economic Geography (3)

Divisional Requirements:

- EDUC 251 Computer Applications for Educators (3)

Student Teaching Semester Requirements:

- EDUC 310 Multimedia Design (3)
- EDUC 437 Observation and Student Teaching (10)
- EDUC 438 Student Teaching Seminar (1)

EARLY CHILDHOOD EDUCATION REQUIREMENTS**Professional Education Requirements:**

- CORE 154 Psychological Foundations (3)
- EDUC 201 Foundations of Education (3)
- EDUC 210 Developmental Psychology for Educator (3)
- EDUC 211 Educational Psychology (3)
- EDUC 236 Early Field Experience (1)
- EDUC 325 Teaching Children with Exceptional Needs (3)
- EDUC 350 Classroom Management (3)

Elementary Special Methods Requirements:

- EDUC 336 Foundations of Reading N-6 (3)
- EDUC 337 Assessment and Instruction of Reading (3)
- EDUC 338 Language Arts Methods N-6 (3)
- EDUC 339 Children's Literature N-6 (3)
- MATH 210 Math Methods N-6 (3)
- EDUC 342 Science Methods N-6 (3)
- EDUC 343 Social Studies Methods N-6 (2)
- EDUC 344 Art Methods N-6 (1.5)
- EDUC 345 Music Methods N-6 (1.5)
- EDUC 346 Health, Physical Education & Safety Methods N-6 (2)

Early Childhood Requirements:

- EDUC 301 Introduction to Early Childhood Education (3)
 EDUC 354 Early Childhood Instruction I (3)
 EDUC 355 Organization and Administration of Early Childhood Programs (3)

Mathematics Requirements:

- MATH 101 Theory of Arithmetic for Elementary Teachers (3)
 MATH 102 Geometry and Probability for Elementary Teachers (3)

One of the following:

- MATH 124 Probability and Statistics for Education Majors (3)
 PSYC 335 Statistics and Research Design (3)

Science Requirements:

- BIOL 200 Life Science for Elementary Education (3)
 PHYS 100 Physical Science for Elementary Education (3)
 Three (3) credits selected from CORE 271-279

Special Requirements:

- HIST 252 World Cultural and Economic Geography (3)

Divisional Requirements:

- EDUC 251 Computer Applications for Educators (3)

Student Teaching Semester Requirements:

- EDUC 310 Multimedia Design (3)
 EDUC 457 Observation and Student Teaching (10)
 EDUC 458 Student Teaching Seminar (1)

SECONDARY EDUCATION CERTIFICATION

Major course requirements are listed under each of the majors of the various departments offering programs for secondary certification: Biology, Chemistry, English, French, General Science, History, Mathematics, or Spanish. Citizenship Education certification requires a major in history along with a prescribed social studies core of courses. All candidates seeking secondary certification must have the equivalent of six credits in mathematics and six credits in English.

Professional Education Requirements:

- EDUC 201 Foundations of Education (3)
 EDUC 210 Developmental Psychology for Educators (3)
 EDUC 211 Educational Psychology (3)
 EDUC 251 Computer Applications for Educators (3)
 EDUC 266 Early Field Experience (1)
 EDUC 325 Teaching the Exceptional Child (3)
 EDUC 350 Classroom Management
 EDUC 366 Secondary School Reading/Literary Skills & Techniques (3)

Special Methods of Teaching (These courses are only offered in the fall semester) 3 credits

- Citizenship Education, EDUC 303 Secondary Social Studies Methods
 English, ENGL 399 Methods of Teaching English
 Mathematics, MATH 220 Secondary Mathematics Methods
 Science (Biology, Chemistry, and General Science), EDUC 302 Secondary Science Methods

Foreign Languages (French and Spanish), EDUC 304 Secondary Foreign Language Methods

Professional Semester Requirements:

- EDUC 310 Multimedia Design (3)
EDUC 467 Observation and Student Teaching (10)
EDUC 468 Student Teaching Seminar (1)

Course Descriptions

EDUC 201 — Foundations of Education (3)

The development of American education in the areas of historical, philosophical and multicultural concepts. Concentrates on the problems, opportunities and qualifications for prospective teachers.

EDUC 210 — Developmental Psychology for Educators (3)

Study of significant aspects of human development from conception and through adolescence. Topics include influences upon the development of social and emotional growth, personality, intellectual capacity and the acquisition and development of language. The theories of Piaget and Erikson will be stressed as they apply to parenting and especially to teaching. Psychology majors may substitute PSYC 355 for EDUC 210. Prerequisite: Core 154.

EDUC 211 — Educational Psychology (3)

Application of the findings of experimental, social and child psychology to cognitive development in the areas of theories related to learning, motivation and transfer of learning. Also designed to relate to individual differences and problems of adjustment in the classroom. Prerequisites: PSYC 211 or CORE 154, EDUC 210.

EDUC 236 — Early Field Experience (Elementary Education) (1)

Thirty clock hours of observation and/or teacher's aide duties per semester. This requirement will begin at the time of entry into EDUC 201.

EDUC 251 — Computer Applications for Educators (3)

Designed to make educators aware of how computers can contribute to the teaching and learning process and to prepare educators to make effective use of computers in their classrooms. Emphasis is placed on integrating word processing, database, spreadsheet, drawing and teacher utility programs into the instructional process, the Internet, as well as how to operate and evaluate educational software. The course will also investigate the broader educational and social implications of computer use.

EDUC 266 — Early Field Experience (Secondary Education) (1)

Thirty clock hours of observation and/or teacher's aide duties per semester. This requirement will begin at the time of entry into EDUC 201. It should be noted that all of the following courses have a prerequisite of EDUC 201, EDUC 210 and EDUC 211.

EDUC 301 — Introduction to Early Childhood Education (3)

An introduction to the field of early childhood education. It provides a comprehensive view of programs and practices, historical foundations, and the latest ideas and practices in the field. It is designed to provide prospective professionals in the field with an early childhood knowledge base as well as an opportunity to analyze relevant issues and apply developmentally appropriate methods. Requires approximately ten hours of observation in early childhood settings.

EDUC 302 — Secondary Science Methods

EDUC 303 — Secondary Social Studies Methods

EDUC 304 — Secondary Foreign Language Methods

EDUC 310 — Multimedia Design (3)

Designed to help prospective teachers understand the principles of instructional design and multimedia development. Computers will be used to present and combine text, graphics, audio, video, CD-ROM and laser disc technology. Students will learn the skills necessary to effectively create multimedia presentations for use in their classrooms.

EDUC 325 — Teaching Children with Exceptional Needs (3)

An introduction to the philosophy, practices and principles of special education to meet the educational, psychological and emotional needs of children with exceptionalities in our society.

EDUC 326 — Multi-Cultural Education (3)

This course focuses on the multicultural design of our nation. The different ethnic, socio-economic, religious, and language backgrounds of students will be discussed to develop an understanding of our culturally diverse world. Students will also participate in a project that requires them to attend a multicultural event.

EDUC 327 — Learning Disabilities (3)

This course is designed to provide students with an awareness that will enable them to recognize learning disabilities in their regular classes. Additionally, it will enable them to develop teaching strategies for the student with learning disabilities.

EDUC 335 — Special Topics in Education (1-3)

A course offered as needed, by a member of the Education faculty or on an interdisciplinary basis.

EDUC 336 — Foundations of Reading N-6 (3)

A foundation for understanding the reading process within a literacy perspective is emphasized. Teaching-learning techniques and instructional materials for developing reading and literacy in elementary schools are demonstrated and discussed.

EDUC 337 — Assessment and Instruction of Reading (3)

Assessment and instruction of reading in the elementary school classroom with emphasis on strategies for aiding children's reading progress. Prerequisite: EDUC 336.

EDUC 338 — Language Arts Methods N-6 (3)

The components of language arts instruction and the integration of language arts skills and strategies across the curriculum are examined. In addition, the creation of literate environments and appropriate evaluation procedures for language arts classrooms are reviewed. Prerequisite: EDUC 336.

EDUC 339 — Children's Literature N-6 (3)

A course that reviews relevant literature for preschool and elementary children. The wide breadth of literature from fantasy and poetry to informational books is studied. This course is designed to inculcate in students an appreciation of the literature created especially for children. Prerequisite: EDUC 336.

EDUC 342 — Science Methods N-6 (3)

The course integrates science concepts with literacy education for teaching elementary science curriculum. The course examines methods that provide elementary students an understanding and appreciation for the broad areas of science.

EDUC 343 — Social Studies Methods N-6 (3)

The six social sciences in elementary curriculum will be discussed. Methods to teach social studies concepts will be reviewed, including literacy activities and integrated content area instruction. Students will participate in a service-learning project to teach social studies lessons in area schools.

EDUC 344 — Art Methods N-6 (1.5)

The course is not for special teachers of art, but for elementary teachers who must teach art in the self-contained classroom. Additionally, it is intended to teach the elementary teacher how to apply methods of art to enhance regular classroom instruction and how to use art to enhance divergent creative thinking. 2 hours.

EDUC 345 — Music Methods N-6 (1.5)

This course is designed to give regular elementary teachers an appreciation of music and to demonstrate how it can be utilized to supplement and enhance regular instruction.

EDUC 346 — Health, Physical Education and Safety Methods N-6 (2)

A special methods course for elementary education teachers designed to give understanding and appreciation of the role of health, physical education and safety in the elementary school.

EDUC 350 — Classroom Management (3)

Designed to prepare preservice teachers to meet the challenge of teaching in the 21st Century. An in-depth study of classroom management techniques and effective teaching strategies for increased student achievement. The emphasis of the course is on proactive management, preventive measures and corrective techniques. The course explores a variety of ways to view management functions and the corresponding ways to meet the daily demands of teaching.

EDUC 354 — Early Childhood Instruction (3)

An overview of special instructional methodology for early childhood education from birth to grade three. It stresses developmentally appropriate practices for the early childhood curriculum. Particular attention is given to building relationships with facilities, children, and community, routines, and individualizing and assessing programs for very young children. Emphasis is placed on the importance of play, interactions between children and adults, physical environment, health and safety, nutrition and meals, and financial and legal considerations. Includes classroom involvement in local childcare centers. Prerequisite: EDUC 301.

EDUC 355 — Organization and Administration of Early Childhood Education (3)

Designed for a simulated process of organizing and administering an early childhood program in a child care center setting. This course deals with establishing, managing, staffing, training, and supervising personnel. Additionally it will cover financial and legal considerations, physical space requirements, nutrition and meals, marketing the program, and finally with accessing important sources for any childhood program. Prerequisite: EDUC 310, 354, 356.

EDUC 366 — Secondary School Reading/Literacy Skills and Techniques (3)

Designed to assist middle and secondary school content teachers to recognize literacy problems related to their subject area and to emphasize the proper instruction to meet the cognitive as well as the psychological needs of their students.

EDUC 367 — General Methods of Teaching in Secondary Schools (3)

Special methods of instruction for teaching secondary school students will be addressed. Students will have various opportunities to practice general teaching skills as well as skills specific to their content area. Prerequisite: EDUC 366.

EDUC 435 — Independent Study (3)

The student may undertake the study of a special topic in Education under the direct supervision of a faculty member. The student wishing to enroll in this course must submit a brief written proposal outlining the purpose of the study, endorsed by a faculty sponsor and by the chairperson of the department.

EDUC 437 — Observation and Student Teaching (Elementary Education) (10)

Observation and study of classroom teaching are combined with actual student teaching under expert supervision. Attention is given to the organization and presentation of subject matter, to program handling, class discipline, making reports and other school activities. Conferences are held with the supervisor of teacher training and the instructor under whom each student does student teaching. Prerequisites: EDUC 201, 210, 211, 236, 237.

EDUC 438 — Student Teaching Seminar (Elementary Education) (1)

Discussion of classroom management problems met by student teachers during their period of student teaching. Required of all students during their period of student teaching. *Concurrent course: EDUC 437.*

EDUC 457 — Observation and Student Teaching (Early Childhood) (10)

Observation and study of classroom teaching are combined with actual student teaching under expert supervision. Attention is given to the organization and presentation of subject matter, to program handling, class discipline, making reports and other school activities. Conferences are held with the supervisor of teacher training and the instructor under whom each student does student teaching. Prerequisites: EDUC 201, 210, 211, 236, 237.

EDUC 458 — Student Teaching Seminar (Early Childhood) (1)

Discussion of classroom management problems met by student teachers during their period of student teaching. Required of all students during their period of student teaching. *Concurrent course: EDUC 457.*

EDUC 467 — Observation and Student Teaching (Secondary Education) (10)

Observation and study of classroom teaching are combined with actual student teaching under expert supervision. Attention is given to the organization and presentation of subject matter, to program handling, class discipline, making reports and other school activities. Conferences are held with the supervisor of teacher training and the instructor under whom each student does student teaching. Prerequisites: EDUC 201, 210, 211, 266, 267, 310, 366, 367.

EDUC 468 — Student Teaching Seminar (Secondary Education) (1)

Discussion of classroom management problems met by student teachers during their period of student teaching. Required of all students during their period of student teaching. *Concurrent course: EDUC 467.*

MATH 210 — Mathematics Methods N-6 (3)

This course covers the special techniques needed to present math to the elementary student in a way that will challenge them without frustrating them. It is designed to challenge the elementary teacher to reach all elementary students in order to provide the substantial quantitative foundations that all students need in a high technological oriented society.

English

Dr. James M. Wallace, Chairperson

The English Department aims to engage its students in the study of literature, language, and media integrated with the practices of speaking and writing. Such study is both a creative and useful art, important for personal development and necessary for every profession.

The department will teach works of the literary canon as well as newly recognized works of diverse written and oral expression. We hope to share the love of language and literature with our students.

We will guide their understanding of human experience and values, encouraging their initiative and responsibility regarding the traditions of literary and linguistic criticism; the genres of literature, media, and writing; and historical and multicultural contexts. Having such resources of intelligence and wit, they will be prepared to communicate thoughtfully and effectively about a range of subjects, and will understand the power and limitations of various media. They should develop the competence to make their way in the new “knowledge society.”

English graduates from King’s College are now practicing law, working for advertising firms, publishing companies, newspapers, local, state and federal government, and ministering to people as religious leaders. Others are teaching and serving as administrators at all educational levels. Many others hold positions of responsibility and leadership in business, industry, and the health field. For more information on career opportunities, including internships during undergraduate study, consult the chairperson. Except for the senior seminar (ENGL 491), Independent Research (ENGL 496) and Teaching Writing: Theory and Practice (ENGL 328), English courses are ordinarily open to all qualified students regardless of their major. ENGL 241 (Advanced Writing) is a prerequisite for all advanced writing courses, and ENGL 200 (Foundations Seminar) is required for all majors.

Students majoring in English have considerable flexibility in choosing a program. Courses should be selected, however, in consultation with a departmental advisor in the light of the individual student’s interest and career goals. The English major encourages cross-disciplinary study. Depending on their interests, time and career plans, students majoring in English are able to pursue a second major or minor in other fields of study.

Education Requirements

MAJOR REQUIREMENTS

In addition to the Core requirements in Effective Writing, Critical Thinking, and Literature and the Arts I & II, students choosing to major in English will complete 39 semester hours of advanced courses. Six of the 39 credits are to be completed in two foundations classes: English 200: Foundations Seminar, and English 241: Advanced Writing. Students must receive a grade of “C” or better in these courses to continue in the major.

ENGLISH MAJOR — CONCENTRATION IN LITERATURE
(13 COURSES — 39 CREDITS)

Foundations Seminar

ENGL 200 Foundations Seminar: The History of Literature in English (3)
(Prerequisite: Core 160)

Advanced Writing

ENGL 241 Advanced Writing (3) (Prerequisite: Core 110)

Literary Periods and Criticism

Five of the following:

- ENGL 351 Medieval Literature (3)
- ENGL 352 Renaissance Literature (3)
- ENGL 353 Neoclassic Literature (3)
- ENGL 354 Romantic Age (3)
- ENGL 355 Victorian Literature (3)
- ENGL 356 Modern British Literature (3)
- ENGL 361 Early American Literature (3)
- ENGL 362 American Renaissance (3)
- ENGL 363 American Realists (3)
- ENGL 364 American Modern Writers (3)
- ENGL 365 American Contemporary Writers (3)
- ENGL 370 Literary Criticism

Literary Genres

One of the following:

- ENGL 371 Literary Non-Fiction (3)
- ENGL 372 Short Story (3)
- ENGL 373 Novel (3)
- ENGL 374 Poetry (3)
- ENGL 375 Drama (3)

Major Literary Figures

One of the following:

- ENGL 381 Major Authors (3)
- ENGL 382 Shakespeare (3)

Comparative/Multicultural Literature

ENGL 395 Comparative/Multicultural Literature (3)

Language and Writing

Two of the following:

- ENGL 221 Introduction to Business and Technical Writing (3)
- ENGL 223 Language and Thought (3)
- ENGL 225 Introduction to Creative Writing (3)
- ENGL 320 Creative Writing Workshop: Poetry (3)
- ENGL 321 Creative Writing Workshop: Short Story (3)
- ENGL 322 Persuasive Writing (3)
- ENGL 323 Writing for the Web (3)
- ENGL 324 Desktop Applications in English (3)

- ENGL 325 Literary Journalism (3)
- ENGL 326 The English Language (3)
- ENGL 327 Special Topics in Writing (3)
- ENGL 328 Teaching Writing: Theory and Practice (3) (*Faculty nomination required*)
- ENGL 441 Advanced Technical Writing (3)
- ENGL 442 Writing for Publication (3)

Senior Seminar

- ENGL 491 Senior Seminar in Literature (3)

Additional Courses

- ENGL 492 Special Topics in Literature (3)
(*Depending on the topic, this course may substitute for one of the required classes listed above except senior seminar.*)

To encourage study in related fields, with the approval of the chairperson, the department will count up to six credits of advanced work in Theatre or in Literature studied in a foreign language. Majors are also encouraged to take advanced courses in history, philosophy, and a foreign language.

ENGLISH MINOR — CONCENTRATION IN LITERATURE

(6 COURSES — 18 CREDITS)

- ENGL 200 Foundations Seminar: The History of Literature in English (3)
(Prerequisite: Core 160)

- ENGL 241 Advanced Writing (3) (Prerequisite: Core 110)

*Four courses from the following categories:**

- Literary Periods and Criticism (ENGL 351-365, 370)
- Literary Genres (ENGL 371-375)
- Major Author (ENGL 381, 382)
- Comparative/Multicultural Literature (ENGL 395)
- Senior Seminar (ENGL 491)
- Special Topics in Literature (ENGL 492)

**No more than one course from any one category.*

ENGLISH MAJOR — CONCENTRATION IN WRITING

(13 COURSES — 39 CREDITS)

Foundations Seminar

- ENGL 200 Foundations Seminar: The History of Literature in English (3)
(Prerequisite: Core 160)

Advanced Writing

- ENGL 241 Advanced Writing (3) (Prerequisite: Core 110)

Literary Periods and Criticism

Two of the following:

- ENGL 351 Medieval Literature (3)
- ENGL 352 Renaissance Literature (3)
- ENGL 353 Neoclassic Literature (3)
- ENGL 354 Romantic Age (3)
- ENGL 355 Victorian Literature (3)
- ENGL 356 Modern British Literature (3)

- ENGL 361 Early American Literature (3)
- ENGL 362 American Renaissance (3)
- ENGL 363 American Realists (3)
- ENGL 364 American Modern Writers (3)
- ENGL 365 American Contemporary Writers (3)
- ENGL 370 Literary Criticism

Literary Genres

One of the following:

- ENGL 371 Literary Non-Fiction (3)
- ENGL 372 Short Story (3)
- ENGL 373 Novel (3)
- ENGL 374 Poetry (3)
- ENGL 375 Drama (3)

Major Author, Comparative/Multicultural Literature, and Additional Literature Courses

One of the following:

- ENGL 381 Major Authors (3)
- ENGL 382 Shakespeare (3)
- ENGL 395 Comparative/Multicultural Literature (3)
- ENGL 492 Special Topics in Literature (3)

English Language

One of the following:

- ENGL 223 Language and Thought (3)
- ENGL 326 The English Language (3)

Writing

Five of the following:

- ENGL 221 Introduction to Business and Technical Writing (3)
- ENGL 225 Introduction to Creative Writing (3)
- ENGL 320 Creative Writing Workshop: Poetry (3)
- ENGL 321 Creative Writing Workshop: Short Story (3)
- ENGL 322 Persuasive Writing (3)
- ENGL 323 Writing for the Web (3)
- ENGL 324 Desktop Applications in English (3)
- ENGL 325 Literary Journalism (3)
- ENGL 327 Special Topics in Writing (3)
- ENGL 328 Teaching of Writing: Theory and Practice (3)
(Faculty nomination required)

Practicum

One of the following:

- ENGL 441 Advanced Technical Writing (3)
- ENGL 442 Writing for Publication (3)

To encourage study in related fields, with the approval of the Chairperson, the Department will count up to six credits of advanced journalism writing courses as part of the writing sequence.

ENGLISH MINOR — CONCENTRATION IN WRITING

(6 COURSES — 18 CREDITS)

ENGL 241 Advanced Writing (3) (Prerequisite: Core 110)

One course from the following categories:

Literary Periods and Criticism (ENGL 351-365, 370)

Literary Genres (ENGL 371-375)

Major Author (ENGL 381, 382)

Comparative/Multicultural Literature (ENGL 395)

Special Topics in Literature (ENGL 492)

Two of the following:

ENGL 221 Introduction to Business and Technical Writing (3)

ENGL 225 Introduction to Creative Writing (3)

ENGL 320 Creative Writing Workshop: Poetry (3)

ENGL 321 Creative Writing Workshop: Short Story (3)

ENGL 322 Persuasive Writing (3)

ENGL 323 Writing for the Web (3)

ENGL 324 Desktop Applications in English (3)

ENGL 325 Literary Journalism (3)

ENGL 327 Special Topics in Writing (3)

ENGL 328 Teaching of Writing: Theory and Practice (3)

(Faculty nomination required)

One of the following:

ENGL 223 Language and Thought (3)

ENGL 326 The English Language (3)

One of the following:

ENGL 441 Advanced Technical Writing (3)

ENGL 442 Writing for Publication (3)

ENGLISH MAJOR — SECONDARY EDUCATION CERTIFICATION

(13 COURSES — 39 CREDITS)

Foundations Seminar

ENGL 200 Foundations Seminar: The History of Literature in English (3)
(Prerequisite: Core 160)

Advanced Writing

ENGL 241 Advanced Writing (3) (Prerequisite: Core 110)

Literary Periods and Criticism

Five of the following:

ENGL 351 Medieval Literature (3)

ENGL 352 Renaissance Literature (3)

ENGL 353 Neoclassic Literature (3)

ENGL 354 Romantic Age (3)

ENGL 355 Victorian Literature (3)

ENGL 356 Modern British Literature (3)

ENGL 361 Early American Literature (3)

ENGL 362 American Renaissance (3)

ENGL 363 American Realists (3)

ENGL 364 American Modern Writers (3)

- ENGL 365 American Contemporary Writers (3)
 ENGL 370 Literary Criticism

Literary Genres

One of the following:

- ENGL 371 Literary Non-Fiction (3)
 ENGL 372 Short Story (3)
 ENGL 373 Novel (3)
 ENGL 374 Poetry (3)
 ENGL 375 Drama (3)

Major Literary Figures

- ENGL 382 Shakespeare (3)

Comparative/Multicultural Literature

- ENGL 395 Comparative/Multicultural Literature (3)

English Language

- ENGL 326 The English Language (3)

Language and Writing

One of the following:

- ENGL 221 Introduction to Business and Technical Writing (3)
 ENGL 223 Language and Thought (3)
 ENGL 225 Introduction to Creative Writing (3)
 ENGL 320 Creative Writing Workshop: Poetry (3)
 ENGL 321 Creative Writing Workshop: Short Story (3)
 ENGL 322 Persuasive Writing (3)
 ENGL 323 Writing for the Web (3)
 ENGL 324 Desktop Applications in English (3)
 ENGL 325 Literary Journalism (3)
 ENGL 327 Special Topics in Writing (3)
 ENGL 328 Teaching Writing: Theory and Practice (3) *(Faculty nomination required)*
 ENGL 441 Advanced Technical Writing (3)
 ENGL 442 Writing for Publication (3)

Senior Seminar

- ENGL 491 Senior Seminar in Literature (3)

Additional Courses

- ENGL 492 Special Topics in Literature (3)

(Depending on the topic, this course may substitute for one of the required classes listed above except senior seminar.)

Theatre/Media Experience

Participation in three College theatre productions on acting, direction, and technical staff or one of the College media: *Scop, The Crown, or Regis*.

Course Description

Basic preparation for advanced English courses includes ENGL 200, ENGL 241, and courses required in the Core Curriculum (CORE 100, 110, 160, 163, 164). The following basic courses may also be chosen as electives by any student:

ENGL 200 — Foundations Seminar: The History of Literature in English (3)

This course introduces students of literature and writing to the discipline of English. The course includes an overview of British and American literary history from Old English to hypertext; a study of the elements of literature and practice in close textual analysis with some introduction to critical theory; and seminar-style discussions of current topics in literature (canon studies, multiculturalism, popular culture, etc.). (Prerequisite: Core 160)

ENGL 221 — Introduction to Business and Technical Writing (3)

An introduction to writing for the world of work. Students complete such practical assignments as letters, resumes, memoranda, and oral and written reports. Attention given to preparing specific kinds of correspondence and reports and to using various technological means of communicating.

ENGL 223 — Language and Thought (3)

The study of the English language and its appropriate use in communicating thought through writing in all disciplines. Includes study of the principles of standard usage.

ENGL 225 — Introduction to Creative Writing (3)

This course asks students to work in several genres, including poetry, fiction, creative nonfiction, and/or drama. Class focuses on defining “good” writing and encouraging a process approach. Students will be asked to work through multiple drafts of work and participate in group editing sessions.

ENGL 241 — Advanced Writing (3)

Student writing supervised through seminars, workshops, and conferences. Overview of rhetorical theory and introduction to all forms of writing at the advanced level—informational, critical, argumentative, creative. The course deals with the rhetoric, structure, and presentation of material; and models of the writing of past and current authors are examined in detail. Weekly papers are assigned, and MLA style is taught for research. Prerequisite for all other advanced writing courses. *Required in the sophomore year.* (Prerequisite: Core 110)

Advanced Courses in Writing and Linguistics

ENGL 320 — Creative Writing Workshop: Poetry (3)

Poetry: Student writing of poetry supervised through tutorial, small group and class critiques. Some study of current techniques/practices in poetry will enhance the guided writing of poetry. Prerequisite: ENGL 241; ENGL 225 is recommended.

ENGL 321 — Creative Writing Workshop: The Short Story (3)

Student writing of short fiction supervised through private seminars and class critiques. Study of the techniques of short story writers (plot, focus, voice, point of view) and guided practice in writing the short story. Prerequisite: ENGL 241; ENGL 225 is recommended.

ENGL 322 — Persuasive Writing (3)

Study and practice of how writers influence readers; includes such types as editorial, critical review (book, play, movie), testimony, debate, satire, etc. Extensive reading and writing of the persuasive essay. Prerequisite: ENGL 241.

ENGL 323 — Writing for the Web (3)

Designed to help students develop both their writing skills and their ability to create visually appealing web pages. While the course covers many of the techniques and skills needed to design and maintain a web page, such as mastering web design software and integrating graphics and images, much attention is paid to the basics of good writing and the improvement of style. Prerequisite: ENGL 241.

ENGL 324 — Desktop Applications in English (3)

An introduction to desktop publishing and the basics of presentation graphics. Projects include creating an electronic presentation using PowerPoint software, and composing text and designing layout for a literature or writing-specific newsletter using Adobe PageMaker software. *Juniors and Seniors only*. Prerequisite: ENGL 241.

ENGL 325 — Literary Journalism (3)

Study of and practice in reportorial writing. Students will write several journalistic reports in a literary style, combining the elegance, craftsmanship and creativity of literature with the candor and referential quality of journalism. Prerequisite: ENGL 241.

ENGL 326 — The English Language (3)

A study of the history, dialects, usage, and modern approaches to the grammar of American English. Since the course examines the language in depth, it is appropriate for students of all disciplines. Required of candidates for teaching certification in English. Prerequisite: ENGL 241.

ENGL 327 — Special Topics in Writing (3)

Intended to cover a wide variety of writing topics, this course will variously focus on 1) special types of writing required in disciplines such as medicine, law, and science; and 2) issues of relevance and importance to writers—issues involving, for example, ethics, gender, language, and politics. Prerequisite: ENGL 241.

ENGL 328 — Teaching Writing: Theory and Practice (3)

Study and practice in current theories of teaching of writing. Topics include collaborative learning, composition theory, writing across the curriculum and the use of computers in the teaching of writing. Supervised experience in the classroom and the writing center; weekly writing assignments. Faculty nomination required. Prerequisite: ENGL 241.

ENGL 441 — Advanced Technical Writing (3)

Intensive practice in the various types of informal and formal reports used for business, technical, and professional contexts. A major research project in the student's professional interest is delivered orally and submitted in written form. Students work on projects in teams with frequent conferences conducted by the instructor. Prerequisites: ENGL 221 and ENGL 241.

ENGL 442 — Writing for Publication (3)

Intensive practice in producing and editing current forms of publishable writing (popular, critical, creative, scholarly) for portfolio development and publication. Includes workshops with a professional writer and instruction in publishing procedures. Prerequisite: ENGL 241.

Advanced Courses in Literature

ENGL 351 — Medieval Literature (3)

A study of the literature produced in the British Isles and on the Continent from about the fifth century A.D. to 1500. Principal genres will include romances, lyrics, ballads, fabliaux, dramas, allegories, and legends. Attention will be given to the social and cultural backgrounds of the period. Course material may be arranged by either genre or by theme.

ENGL 352 — Renaissance Literature (3)

A study of the major writers in England between 1500 and 1660, especially More, Sidney, Marlowe, Shakespeare, Jonson, Donne, Milton. Concentration on the history of ideas (e.g., Christian Humanism, movement from a geocentric to a heliocentric universe) as expressed in the prose, poetry, and drama of the period.

ENGL 353 — Neoclassical Literature (3)

A study of the literature of England during the Restoration and the 18th Century (1660-1800), especially the works of Dryden, Pope, Swift, and Johnson. Minor authors are treated in terms of the major ideas, forms, and modes of the period (e.g., *The Great Chain of Being*, the verse essay, satire).

ENGL 354 — The Romantic Age (3)

Analysis and criticism of the works of well-known Romantic writers (Burns, Blake, Wordsworth, Coleridge, Keats, Byron, the Shelleys,) and several lesser-known writers (Smith, Baillie, Clare). Historical, social, literary and political context is established through the work of several important essayists (Paine, Godwin, Wollstonecraft, Lamb, Hazlitt, De Quincy) and through a brief look at 18th century precursors to the Romantic Movement (Gray and Young). Attention is given to examples of Romantic influence in literary works from the nineteenth and twentieth centuries.

ENGL 355 — Victorian Literature (3)

A study of the major poetry and prose of England from the 1830's to the turn of the century. The course will focus on the era's preoccupation with "change" in its diverse forms—religious, social, scientific, technological and political—as reflected in the works of selected writers such as Carlyle, Mill, Dickens, Tennyson, the Brownings, Ruskin, Arnold, Hopkins, the Rossettis and Gaskell. Attention is also given to the seeds of modernism within the writing and thought of the period.

ENGL 356 — Modern British Literature (3)

Analysis and criticism of major writers such as Margaret Laurence, D.H. Lawrence, Brian Moore, Alice Munro, Barbara Pym and Alan Sillitoe.

ENGL 361 — Early American Literature (3)

A study of American traditions and forms from native myth and discovery narratives to colonial and enlightenment poetry and prose.

ENGL 362 — American Renaissance (3)

A study of the nineteenth century writers' quest to make a new American consciousness. They dramatize how ambiguities of Puritan, colonial and democratic traditions and individuality continue to matter by showing the inseparability of American experience and literary forms. Major works by Hawthorne, Melville, Emerson, Thoreau, Fuller, Whitman, Poe and Dickinson.

ENGL 363 — American Realists (3)

Changing social and economic realities at the turn of the century recorded, examined, and re-worked in a literature at once realistic and critical of the "real." Literary themes involve issues of narrative and journalism, work and region, science and religion, gender and language. Major works by Twain, Howells, James, Chopin, Gilman, Crane, Norris, Dreiser, Adams, Wharton.

ENGL 364 — American Modern Writers (3)

Studies the great modernists who have celebrated the power of literature to remake the self in terms of tradition. Their works reveal unprecedented combinations and techniques that would account for and go beyond the "breakdown of civilization" to the possibilities of renewal. Major works by Cather, Frost, Stevens, Williams, Pound, Eliot, Moore, Hemingway, O'Neill, Fitzgerald, Hughes, Baldwin.

ENGL 365 — American Contemporary Writers (3)

Considers how post-modern writers focus upon limitation of literature and language, putting into question the text, reader expectations, and cultural forms already present regardless of authorial vision. Other contemporary writers continue in less self-reflective ways to reveal the timeless but complex American quest for identity. Major works by Pynchon, Mailer, Williams, Kennedy, Shepard, Walker, Morrison, Ellison, Barthelme, Gaddis, Beattie, Tyler, Kingston.

ENGL 370 — Literary Criticism (3)

Study in the theories and methods of literary analysis from ancient times to the present, as represented in the work of selected literary theorists and critics. Students practice these methods to develop a meaningful comprehension and appreciation of literature.

ENGL 371 — Literary Nonfiction (3)

Study and analysis of contemporary nonfiction prose and its historical backgrounds. Concentrating chiefly on the essay, the course may also investigate other examples of the genre such as biography, literary diary and letter, profile, review, and shorter historical, scientific, business, and technical essays at the discretion of the instructor.

ENGL 372 — The Short Story (3)

A study of short fiction, its tradition and development, its techniques and its insights into human character and motivation. Major attention is given to modern British and American stories.

ENGL 373 — The Novel (3)

A study of the development of the English and American novel from the 18th century to the present. Selected works by major authors.

ENGL 374 — Poetry (3)

A study of the method of *explication de texte* in its application to poetry. Poems representing a variety of forms and periods are examined in terms of their intellectual, imaginative, emotional, and technical phases to see how these combine to create the experience of the poem as an organic unit.

ENGL 375 — Drama (3)

A study of selected major playwrights in historical and cultural perspectives, the purpose of which is to develop the student's analytic and critical understanding of themes, forms, developments, and experiments in the dramatic genre. Offerings include American Drama, English Drama, and Comparative Drama.

ENGL 381 — Major Authors (3)

Intended to cover the life and selected works of one or more major writers, such as Chaucer, Eliot, Bronte, James, Dryden, Pound, Austen, Dickinson, and Joyce, this course enables students to appreciate the literary achievement of extraordinary individuals and to recognize the significance of their place in literature. Since the author studied varies each year, this course may be taken more than once.

ENGL 382 — Shakespeare (3)

Focusing on the major dramatic genres of tragedy, comedy, history, and romance, this course introduces students to the works of Shakespeare and through biographical, cultural, and performance perspectives, enables them to discover Shakespeare's significance within and beyond his age.

ENGL 395 — Comparative/Multicultural Literature (3)

Courses offered under this heading allow the student to examine writers other than mainstream British or American who with insight, passion, and eloquence speak to the human mind and heart. Offerings in this category include African American Literature, Comparative Literature, Cultural Diversity in Literature, Jewish Literature and Film, Native American Literature, etc.

Senior Seminars and Independent Research

SEMINARS AND ADDITIONAL ADVANCED COURSES**ENGL 399 — Methods of Teaching English in the Secondary Schools (3)**

This course is designed to acquaint students with modern, proven methods of teaching literature, writing and grammar in the secondary schools. Students will learn to plan and teach lessons using lecture, whole-class discussion, collaboration, and individualized instruction. Students will learn various means of assessing pupil progress. Attention will be given to various state and federal assessment tests and their implications for instruction. The emphasis in this course will be on giving students practice in utilizing sound methods of instruction.

ENGL 491 — Senior Seminar (3)

An advanced, intensive study of a literary topic, this course provides English majors the opportunity to demonstrate both liberal learning skills and a sophisticated command of subject matter and methodology appropriate to an English major about to graduate. The seminar project includes an oral presentation to other majors and to the faculty of the English Department.

ENGL 492 — Special Topics in Literature (3)

A seminar which studies a specific genre, major theme, or period in English, American or Comparative Literature, or Interdisciplinary Studies. Topics, which may vary each year, include Heroes and Heroines, American Character, Persona, Women and Literature, Studies in Changing Forms, Anglo-Irish Literature, among others. Depending on the topic, this course may substitute for a class required in the major. *Approval of the Department chairperson is necessary for substitution.*

ENGL 496 — Independent Research with Tutorial Supervision (3)

Development of an independent research project with the approval of a department member who directs the progress and evaluates the results. Because of the expectation of high quality for the project, the student will present it orally at a department symposium and will submit a final, revised, written copy to the department. *Admission is restricted to senior English majors by invitation only. Can substitute for the Senior Seminar only with the approval of the department chairperson.*

ENGL 499 — English Internship (3-6)

Internships in relevant professional fields, such as public relations, advertising, editing, publishing, technical or professional writing, and research. Normally these internships earn no more than six semester hours of elective credit. In special circumstances, where internship activities and learning outcomes can be identified as equivalent to those of a specific advanced course in English, credit toward the major may be awarded with the approval of the department chair. *Students must have a G.P.A. of at least 2.5 and must receive permission of the department chairperson to apply.*

Environmental Program

Dr. Brian Mangan, Program Director

Albert Einstein has reportedly defined the environment as “everything that isn’t me.” This commonsense, working definition also suggests the scope and complexity of environmental issues facing humanity. Understanding, and eventually solving, the myriad environmental challenges of our world increasingly require a working knowledge of a variety of disciplines. As a result, the Environmental Program at King’s College is designed to provide a diverse group of students with the knowledge base to confront these challenges.

The Environmental Program emphasizes a holistic approach from many perspectives, including many from outside the traditional sciences that normally comprise environmental programs. The major sequence of courses draws upon a number of fields, including the natural sciences, social sciences, and humanities. Students choosing this program will be exposed to a variety of learning settings and strategies, including foundational and advanced classes and laboratories, problem-based learning, and experiential learning. In addition, a significant portion of the curriculum occurs in a field setting.

King’s offers students a choice of two environmental majors. The Bachelor of Arts degree in Environmental Studies is designed to prepare students for careers in environmental management, economics, advocacy, policy and law. The Bachelor of Science degree in Environmental Science will prepare students for careers in environmental research and technology, and environmental resource management. Both majors will prepare students interested in continuing their education through graduate studies or professional school. Additionally, a minor in Environmental Studies is available that is complementary to many other majors at King’s.

Education Requirements

MAJOR REQUIREMENTS

B.A. IN ENVIRONMENTAL STUDIES

(23 COURSES — 65 CREDITS)

CS 101	Computing Skills: Sciences (1)
ECON 112	Principles of Economics: Micro (3)
ECON 491	Economics of Women, Poverty, and the Environment (3)
ENST 101	Introduction to Environmental Science I (4)
ENST 201	Environmental Science I (4)
ENST 202	Environmental Science II (4)
ENST 282	Environmental Ethics (3)
ENST 260	Environmental Law (3)
ENST 310	Computer Modeling in Biology and Environmental Science (3)
ENST 320	Risk Management/Analysis (1)
ENST 330	Introduction to Geographical Information Systems (3)
ENST 370	Environmental Seminar (1-3)
ENST 410	Environmental Sampling and Analysis (2)
ENST 452	Environmental Policy (3)
MATH 126	Introduction to Statistics and Data Analysis (3)

- SOC 212 Social Problems (3)
SOC 312 Dynamics of Population (3)

One of the following:

- ENST 490 Independent Study of Environmental Issues (3)
ENST 499 Environmental Internship (3)

Six of the following:

- BIOL 214 Microbiology for the Health Sciences (4)
CORE 164 Ecological Literature (3)
CORE 265 Christian Environmental Ethics (3)
ECON 356 Economic Development and International Geography (3)
ENST 250 Religions of the World and Environmental Stewardship (3)
ENST 401 Special Topics in Environmental Studies (3-4)
HCA 211 Principles of Epidemiology (3)
PS 232 Public Administration (3)
PS 352 Policy Analysis (3)
SOC 310 Cultural Anthropology (3)
BIOL 430 Ecosystems Biology (4)

MINOR SEQUENCE REQUIREMENTS

(6 COURSES — 20 CREDITS)

- ENST 201 Environmental Science I (4)
ENST 202 Environmental Science II (4)

One of the following:

- ENST 490 Independent Study of Environmental Issues (3)
ENST 499 Environmental Internship (3)

Three of the following:

- CORE 265 Christian Environmental Ethics (3)
ENST 282 Environmental Ethics (3)
ECON 491 Economics of Women, Poverty, and the Environment (3)
HCA 211 Principles of Epidemiology (3)
ENST 452 Environmental Policy (3)
SOC 403 Urban and Community Studies (3)

B.S. IN ENVIRONMENTAL SCIENCE

(25 COURSES—79-85 CREDITS)

- BIOL 111 General Biology I (4)
BIOL 112 General Biology II (4)
BIOL 214 Medical Microbiology (4)
BIOL 430 Ecosystems Biology (4)
CHEM 113 General Chemistry I (4)
CHEM 114 General Chemistry II (4)
CHEM 241 Organic Chemistry I (4)
CHEM 242 Organic Chemistry II (4)
CS 101 Computing Skills: Sciences (1)
ENST 201 Environmental Science I (4)
ENST 202 Environmental Science II (4)
ENST 310 Computer Modeling in Biology and Environmental Science (3)

ENST 320	Risk Management and Analysis (1)
ENST 330	Introduction to Geographical Information Systems (3)
ENST 370	Environmental Seminar (1-3)
ENST 401	Special Topics in Environmental Study (3-4)
ENST 410	Environmental Sampling and Analysis (2)
ENST 452	Environmental Policy (3)
ENST 490	Independent Study in Environmental Issues (3-4) or
ENST 499	Environmental Internship (3)
HCA 211	Principles of Epidemiology (3)
MATH 125	Calculus (4) (or ECON 222 (3) following MATH 126)
MATH 126	Introduction to Statistics and Data Analysis (3)
PHYS 111	General Physics I (4)
PHYS 112	General Physics II (4)
SOC 312	Dynamics of Population (3)

Course Descriptions

ENST 101 — Introduction to Environmental Science I (4)

Introduction to basic scientific concepts and principles relevant to the broad field of environmental sciences. Students will be introduced to chemical, biological, and physical concepts that environmental science builds upon. 3 lecture and 3 laboratory hours.

ENST 201 — Environmental Science I (4)

Introduction to concepts and principles of environmental science. Through a combination of field and laboratory experiences students will be introduced to methods for assessing and monitoring the environmental health of ecosystems. Topics for discussion include weather and climate, biodiversity, ecosystem management, energy transfer and balance, population growth, bioremediation, and environmental toxicology. 3 lecture and 3 laboratory hours.

ENST 202 — Environmental Science II (4)

Introduction to the environmental issues and problems. Topics will include energy, global warming, water resources, toxic wastes, ozone depletion, and renewable and non-renewable resources. 3 lecture and 3 laboratory hours.

ENST 260 — Environmental Law (3)

This course investigates various laws in the United States and their impacts on environmental protection. The student will examine numerous case studies drawn from both local and global environmental problems. Prerequisite: ENST 201.

ENST 270 — Environmental Architecture (Pending; 3)

This course introduces the student to the effects of building design on efficiency and the environment, and aspects of environmentally-friendly landscape architecture. Designing human habitation to fit into the natural landscape will be emphasized and examples from different biomes will be given. Prerequisite: ENST 201.

ENST 298 — Christian Social Ethics: Ecology (3)

An introduction to Christian social ethics and the complex issues that arise at the intersection of Christian beliefs and practices with social issues. In particular, this course will concentrate on that intersection by exploring the religious, cultural, and policy issues associated with environmental crises and change. *Cross-listed as CORE 298 when the topic is Ecology.*

ENST 310 — Computer Modeling in Biology and Environmental Science (3)

The student will learn the basics of how to use a visual-modeling environment, Stella II, to simulate various phenomena in biology, ecology, and environmental science. Computer assignments and models will be tailored to students in their individual major. No computer programming experience is needed and the course is open to any student in the sciences. *Cross-listed as BIOL 310.*

ENST 320 — Risk Management and Analysis (1)

The concept of risk pervades our society. What is risk, and how is it calculated? The student will be introduced to risk assessment, and how its influence on policy decisions regarding the environment. Prerequisite: ENST 202.

ENST 330 — Introduction to Geographical Information Systems (3)

This course will provide students with basic knowledge for understanding and applying GIS to environmental studies problems. Some of the more common software packages will be presented, and students will learn how to access information from various websites. Prerequisites: ENST 201, 202.

ENST 350 — Religions of the World and Environmental Stewardship (3)

A course on comparative religions and how each views the relationship between humans and the environment. The student will examine the consequences of religion on environmental stewardship. Prerequisite: ENST 201. *Cross-listed as THEO 250.*

ENST 370 — Environmental Seminar (1-3)

Environmental Studies Seminar is the setting for the Sophomore/Junior Diagnostic Project, a discipline-specific assignment required of students in all majors. The assessment is designed to serve as a diagnostic screening device to determine the ability of students to transfer critical thinking and effective communication skills developed through the Core curriculum to a selected question, case study, or project related to their major field of study. The Sophomore/Junior Diagnostic Project provides a process check for competency growth plans. The project is evaluated by the program faculty, and feedback is provided to students by either the instructor in the designated course or by the individual student's academic advisor. The Sophomore/Junior Diagnostic Project helps students develop a clearer understanding of the expectations of faculty in their major field of study with respect to their ability to apply critical thinking skills and to communicate effectively. It also helps students to develop a better understanding of the specific criteria faculty use to judge work of students in their environmental studies.

ENST 380 — Environmental Engineering (Pending: 3)

Introduction to engineering concepts dealing with environmental issues, from treatment and energy plant designs to construction of artificial ecosystems. Prerequisites: ENST 201, 202.

ENST 401 — Special Topics in Environmental Studies (3-4)

Selected topics in modern environmental studies. Topics are announced prior to registration. Class to consist of lectures, discussions, and student reports or labs. Potential topics include Natural Resource Management and Conservation Biology, Current Issues in Air and Water Pollution, Analysis of Comparative Environmental Policy, Human Ecology, and Environmental Toxicology. Prerequisites: ENST 201, 202.

ENST 410 — Environmental Sampling and Analysis (2)

Introduction to methods of sampling and analysis in the environmental field. Topics include the design of a sampling program, methods of sample collection, and the statistical analysis of sampling data. Prerequisites: ENST 202, MATH 126.

ENST 490 — Independent Study in Environmental Issues (3-4)

This course can be completed with any faculty member involved in Environmental Studies, and can take the form of a senior thesis, community service, or research. Community service provides students with real world experience in a variety of fields within the broad area of environmental studies. Senior thesis or research allows students to explore specific problems and solutions relate to the environment. Prerequisite: ENST 370.

ENST 491 — Independent Study in Environmental Issues II (3-4)

This course can be completed with any faculty member associated with the Environmental Program. It can also be used to complete the second phase of unusually large projects began in ENST 490.

ENST 499 — Internship (3)

A full semester field experience designed to give students the opportunity to acquire experience and skills while working with practicing professionals. Students may choose from a variety of internships, government, consulting, not-for-profit organizations, business, industry, and other areas. Scheduling is to be arranged with internship advisor. Approval of Program Director required. Prerequisite: ENST 370. A minimum GPA of 2.50 is required.

Ethics and Values Minor

Dr. Gregory Bassham, Chair of Philosophy;

Rev. Thomas Looney, C.S.C., Ph.D., Chair of Theology

The establishment of this minor is in response to the need to provide our students with increased opportunities to address ethical issues in public and professional life. All students are welcome to the program but those who intend careers in business, government, journalism, law, and medicine should be especially interested. Courses in the program are designed to give students a solid background in the moral literature of philosophy and theology as well as opportunities to address and study contemporary moral issues, especially as they occur in the context of professional life.

Education Requirements

MINOR REQUIREMENTS

(7 COURSES — 21 CREDITS)

- CORE 260 Basic Christian Ethics (3)
- CORE 286 Introduction to Philosophical Ethics (3)
- PHIL 470 Ethics and Values Seminar (3) or
- THEO 470 Ethics and Values Seminar (3)

Four of the following:

- CORE 261 Faith, Morality, and the Person (3)
- CORE 263 Christian Marriage (3)
- CORE 284 Philosophy of Human Nature (3)
- CORE 285 Philosophy of Death and the Meaning of Life (3)
- CORE 287 Ethics, Business, and Society (3)
- CORE 288 Bioethics (3) or
- THEO 345 Bioethics (3)
- THEO 331 Christian Social Ethics (3)
- THEO 337 Issues of Christian Ethics (3)

Finance

Dr. Barry H. Williams, Chairperson

Finance is the art and science of the management of assets, especially money, and the raising of money through the issuance and sale of debt and/or equity. The finance curriculum is designed to provide students with knowledge of the major concepts and practices of financial management, while at the same time helping them to develop their analytical, decision-making and communication abilities. The globalization of business activities and availability of capital from sources around the world and the role it plays are incorporated into the Finance curriculum.

The college core curriculum, business courses and major courses emphasize an awareness of personal values, character development, and an understanding of liberal learning competencies applied in a business context, such as communication, analytical thinking, team building, and strategic planning. Finance majors are required to take courses in the areas of Corporate Financial Management, Investments, and International Finance. These courses integrate economics, accounting, computer software applications and quantitative courses into a financial problem-solving, decision analysis framework, which is culminated with a case method capstone experience.

The influence and the responsibilities of financial executives have expanded dramatically in recent years. Financial officers are involved in the most profound decisions affecting the strategy of business operations. They are concerned not only with pricing of products, but also with the initial decisions to produce them. Most aspects of business affairs ultimately reduce to dollar terms and the financial officers' intimate knowledge of the intricacies of financial operations and, place them in a vital role in corporate management. Financial careers involve corporate financial management, personal financial planning, investment management and research, and risk management.

Financial management involves the management and control of money and money-related operations within a business. Financial management also refers to the financial input needed for general business decisions such as the adoption of investment projects and securing the funding for the projects. The role of finance includes the oversight responsibility for the effective use of money and financial assets by all decision makers in the business entity. Personal financial planners help individuals to create budgets, plan for retirement, and assist in determining the most appropriate investment vehicles for their clients. Investment management and research spans a large number of capital market functions, including trading securities, researching debt and equity issues, managing investment portfolios, assisting with mergers and acquisitions, and structuring new security issues. Risk managers use a wide variety of financial instruments, including financial derivatives, to limit the firm's exposure to adverse economic events like interest rate changes, foreign exchange fluctuations, and commodity price swings.

Finance majors are encouraged to sample widely in their selection of Core courses and from the elective offerings of the other divisions of the College with the conviction that an effective foundation for life-long learning and continuing professional development, in any career, is built upon the ideas and ideals of a liberal education. The emphasis on early interaction in engaging students to focus on the career development and planning

process allows students the time and opportunity to: explore career options; identify academic majors and academic minors that fit their interest's values and abilities; engage in resume building experiences; and develop effective employment search skills which will result in successful placement upon graduation.

Education Requirements

REQUIRED CORE COURSES (9 CREDITS)

CORE 153	Principles of Economics: Macro
CORE 287	Ethics, Business and Society
MATH 121	Calculus I

BUSINESS FOUNDATIONS (33 HOURS)

ECON 112	Principles of Economics: Micro
ECON 221	Quantitative Methods for Business and Economics
MSB 110	Introduction to Financial Accounting
MSB 120	Introduction to Management Accounting and Planning
MSB 130	Introduction to Computer Applications for Business
MSB 200	Principles of Management
MSB 210	Principles of Marketing
MSB 305	Organizational Behavior
MSB 320	Financial Management
MSB 330	Business Law I
MSB 480	Strategic Management

MAJOR REQUIREMENTS (22 HOURS)

ECON 222	Quantitative Methods for Business and Economics II
ECON 353	Money and Banking
FIN 351	Advanced Financial Management
FIN 355	Investments
FIN 378	International Finance
FIN 421	Portfolio Management
FIN 451	Cases in Financial Management
CARP 412	Career Planning II (1 credit)

ELECTIVES (15 CREDITS)

Students may choose from any elective course offered by the College including non-business courses.

MINOR SEQUENCE REQUIREMENTS

(6 COURSES — 18 CREDITS)

Monitoring of student progress in pursuing a minor in Finance is necessary to enhance the student learning experience. Therefore, a written declaration must be submitted by the student to the registrar.

MSB 110	Introduction to Financial Accounting
MSB 120	Introduction to Management Accounting and Planning
MSB 320	Financial Management
FIN 351	Advanced Financial Management
FIN 355	Investments
FIN 378	International Finance

All McGowan School of Business (MSB) courses numbered 300 and above and all Finance (FIN) courses must be completed at King's College for King's to award the B.S. degree or minor sequence in Finance or for the fulfillment of any required course in other degree or minor programs offered through the William G. McGowan School of Business unless permission is granted by the Department Chair in writing prior to the start of any coursework.

Course Descriptions

MSB 320 — Financial Management (3)

The course introduces basic principles in finance such as cash flow, the time value of money, valuation of the firm and financial assets, and capital budgeting. Prerequisites: MSB 110, MSB 120 and ECON 221. Previously BUS/FIN 350.

FIN 351 — Advanced Financial Management

This course will review and reinforce the concepts of financial management learned in earlier coursework, as well as provide additional depth on selected topics. In addition, it will provide an in-depth analysis of the financial factors of the corporation. Topics to be covered are; financial statement analysis, stock, bond and derivative valuation, capital budgeting theory and practice, capital structure, and, dividend policy. Prerequisite: MSB 320.

FIN 355 — Investments (3)

Principles and practices in capital accumulation. Topics include: a critical analysis of the kinds of investments, sources of information, inflation and investment strategy, and corporate profitability. Prerequisite: MSB 320

FIN 378 — International Finance (3)

Focus on the international financial environment, the operation of the foreign exchange markets and currency-related derivative securities, and the international operations of the corporation. Topics include: international monetary agreements, the balance of payments, exchange-rate determination, management of foreign-exchange risk, and international capital budgeting. Prerequisite: MSB 320.

FIN 421 — Security Analysis and Portfolio Management (3)

Review of techniques and approaches for evaluating the intrinsic merit of major types of securities and the techniques for maximizing personal and institutional investment portfolio performance. Prerequisite: FIN 355.

FIN 431 — Management of Financial Institutions (3)

Techniques and principles involved in the management of financial institutions, including: an analysis of the operations of commercial banks, savings banks, and insurance companies. Particular attention is given to optimizing the objectives of profitability, safety, and liquidity. Prerequisite: MSB 320

FIN 451 — Cases in Financial Management (3)

This course will review and reinforce the concepts of financial management learned in earlier course work, and in addition, will demonstrate the application of these tools to "real world" situations through the utilization of case studies. Cases provide an opportunity for the student to develop his/her own decision-making ability as a financial manager. Prerequisites: MSB 320 and FIN 351.

FIN 491 — Special Topics in Finance (3)

In-depth review of the most current issues and problems facing finance practitioners. Prerequisite: MSB 320.

FIN 497 — Independent Study in Finance (3)

Advanced project in a specialized area of finance under the supervision of a Finance faculty member. *Permission of the Department Chairperson required in writing in advance of registering for this course.*

FIN 498 — Topics (3)

Topics selected from contemporary financial issues which may be offered from time to time to meet the need of the students. Prerequisites may be required based upon the content of the course.

FIN 499 — Finance Internship (1-6)

A work experience meeting time requirements for the credits earned within a recognized financial institution or industry setting. Selection determined by academic background and interviews with Department Chairperson, approval of the Chairperson required in writing prior to the work experience. *Open to Finance majors only.*

Foreign Languages & Literatures

Dr. Margaret Corgan, Chairperson

The courses offered by the Department of Foreign Languages and Literatures are designed to develop in the student the ability to speak, write, read and understand a foreign language, thus enhancing employment opportunities in a variety of occupations and contributing to the student's broad humanistic education by enriching appreciation and understanding of the cultures of other nations.

A student may begin the study of a foreign language at King's at the elementary level if necessary, but students who begin with Language 143 or higher, take two courses and receive a grade of "C" or higher in these courses may receive six advanced placement credits for their previous study (the equivalent of language 141-142 or 143-144) as well as credit for the courses in which they are enrolled. No advanced placement credit is given for native fluency or for knowledge of a language acquired other than through classroom instruction (for example, a language spoken at home). All awards of advanced placement credits are reviewed by the department chairperson and are subject to his or her approval. Students are assisted in selecting the appropriate level at which to begin by a faculty member from the language department.

The objectives of the major programs in French and Spanish are to increase the student's fluency in the language studied and to provide a broad understanding of the culture. This preparation provides the necessary background for careers in foreign language teaching, bilingual education, and the teaching of English as a second language, and for graduate study in such fields as library science and comparative literature. In conjunction with another area of specialization the competence gained in the foreign language major program will prepare the student for a career in fields such as government, health services, criminal justice, international business and commerce, accounting, law, and communications.

Majors will plan their program in consultation with the chairperson of the Department of Foreign Languages and Literatures and all decisions will be subject to the Chairperson's approval. Minors are also available in French and Spanish.

Language majors are encouraged, although not required, to study for a summer, semester, or entire academic year in a country where the language is spoken. This is an excellent way to increase fluency in the language and acquire a first-hand knowledge of the culture. Students may choose from the numerous accredited programs sponsored by American colleges and universities, subject to prior approval by appropriate college officials. Non-majors with sufficient linguistic preparation are also encouraged to participate in these programs. Students should consult with the college study abroad advisor and their major advisor in the language department for assistance in selecting a program suitable for their special interests and needs.

To recognize a student's superior achievement in foreign language study, the Department sponsors a chapter of Alpha Mu Gamma, a national collegiate foreign language honor society.

In addition to the major programs in French and Spanish, the Department of Foreign Languages and Literatures offers elementary courses in French, German, Latin, and Spanish and intermediate courses in French, German and Spanish for core curriculum

credit or as electives. Courses on foreign literatures taught in English translation, which are part of the core curriculum, make these literatures accessible to the student who has little or no knowledge of the original language. They may also be taken as electives. Courses on foreign cultures, taught in English, acquaint the student with the cultures and traditions of foreign peoples. They are also part of the core curriculum or may be taken as electives.

Education Requirements

MAJOR REQUIREMENTS - FRENCH OR SPANISH

(8 COURSES — 24 CREDITS)

Eight courses: FREN or SPAN 145 through 491

If a student's background is not sufficient for him/her to begin the major with FREN 145 or SPAN 145, courses taken below this level will count as electives.

FRENCH

Eight courses from the following:

- FREN 145 French Conversation and Composition I (3)
- FREN 146 French Conversation and Composition II (3)
- FREN 331 Advanced Grammar and Stylistics (3)
- FREN 332 Translation (3)
- FREN 336 Business French (3)
- FREN 338 French Language Media (3)
- FREN 441 French Civilization I (3)
- FREN 442 French Civilization II (3)
- FREN 451 Survey of French Literature I (3)
- FREN 452 Survey of French Literature II (3)
- FREN 491 Selected Topics in French Studies (3)

SPANISH

Eight courses from the following:

- SPAN 145 Spanish Conversation and Composition I (3)
- SPAN 146 Spanish Conversation and Composition II (3)
- SPAN 331 Advanced Grammar and Stylistics (3)
- SPAN 332 Translation (3)
- SPAN 336 Business Spanish (3)
- SPAN 338 Spanish Language Media (3)
- SPAN 441 Spanish Civilization I (3)
- SPAN 442 Spanish Civilization II (3)
- SPAN 443 Mexican Civilization and Culture (3)
- SPAN 453 Spanish American Literature (3)
- SPAN 463 Golden Age Literature (3)
- SPAN 491 Selected Topics in Spanish and Spanish American Studies (3)

MINOR REQUIREMENTS — FRENCH OR SPANISH

(6 COURSES — 18 CREDITS)

Six courses: FREN or SPAN 145 through 491

If a student's background is not sufficient for him/her to begin the minor with FREN

145 or SPAN 145, courses taken below this level will count as electives.

REQUIREMENTS FOR K-12 TEACHER CERTIFICATION

French or Spanish candidates for teacher certification must include: FREN/SPAN 331: Advanced Grammar and Stylistics in their major program. ***In addition they are required to take:*** ENGL 326 The English Language. *Certification in French and Spanish is valid for K-12.*

Certification candidates must also take the education courses specified by the Education department for secondary education certification. G.P.A. of 3.0 in French or Spanish major courses is required for permission to student teach.

Course Descriptions

French

FREN 141 — French for Communication I (3)

Pronunciation, fundamentals of grammar, exercises in speaking, understanding and writing French. Readings introduce the student to French culture. *Cross-listed as CORE 141.*

FREN 142 — French for Communication II (3)

Essentials of grammar and pronunciation, and practice in speaking and writing French. Readings increase the student's knowledge of French culture. Prerequisite: CORE/FREN 141 or equivalent. *Cross-listed as CORE 142.*

FREN 143 — French for Communication III (3)

Review and further study of the fundamentals of French to increase comprehension, speaking and writing skills. Readings increase knowledge and understanding of French culture. Prerequisite: CORE/FREN 142 or equivalent. *Cross-listed as Core 143.*

FREN 144 — French for Communication IV (3)

Development of proficiency in reading French through the study of cultural texts. Emphasis is on vocabulary building and oral and written communication. Readings broaden the student's knowledge and understanding of French culture. Prerequisite: CORE/FREN 143 or equivalent. *Cross-listed as CORE 144.*

FREN 145 — French Conversation and Composition I (3)

Development of proficiency in the active use of French, both spoken and written. The course acquaints the student with the contemporary lifestyle, values and attitudes of the French people and increases cultural awareness. Prerequisite: CORE/FREN 144 or equivalent. *Cross-listed as CORE 145.*

FREN 146 — French Conversation and Composition II (3)

Development of greater fluency in French. Emphasis on extemporaneous conversation encourages the student to think in the language. Study of French culture expands knowledge and understanding of the contemporary lifestyle, values, and attitudes of the French people and heightens awareness of cultural differences. Prerequisite: CORE/FREN 145 or equivalent. *Cross-listed as CORE 146.*

FREN 146 (CORE 146) is a prerequisite for the following courses. Exception is by permission of the Foreign Language Department Chairperson on the basis of individual qualifications. All major courses are taught in French.

FREN 331 — Advanced Grammar and Stylistics (3)

An in-depth study of the more complex problems of French grammar and pronunciation to develop precision and good style in writing and speaking with phonetic accuracy. *Alternate year course.*

FREN 332 — Translation (3)

Introduction to problems and techniques of translation. Students translate selected texts from both literary and non-literary sources to improve idiomatic usage and accuracy of expression. *Alternate year course.*

FREN 336 — Business French (3)

An introduction to French economic and commercial terminology and institutions. *Alternate year course.*

FREN 338 — French Language Media (3)

Study of representative articles and programs from the media of the French speaking world to develop a contemporary vocabulary and improve comprehension. Emphasis is on current events including politics, economics and social trends. *Alternate year course.*

FREN 441 — French Civilization I (3)

Study of events, ideas, institutions and major figures from the Middle Ages through the eighteenth century. *Alternate year course.*

FREN 442 — French Civilization II (3)

Study of events, ideas, institutions and major figures from the nineteenth century to the present. *Alternate year course.*

FREN 451 — Survey of French Literature I (3)

Study of French literature from the Middle Ages through the eighteenth century. Discussion and analysis of selections from various genres and movements develop understanding and appreciation of French literature. *Alternate year course.*

FREN 452 — Survey of French Literature II (3)

Study of nineteenth and twentieth century literary works in French from France and other francophone countries. Discussion and analysis of selections from various genres and movements develop understanding and appreciation of these literatures. *Alternate year course.*

FREN 491 — Selected Topics in French Studies (3)

In-depth study of selected topics in the language, literature or culture of France or other francophone countries. Topic is announced at preregistration. *Offered as required.*

FREN 499 — French Internship (3)

A French internship may be taken as an elective in addition to the eight required major courses with the approval of the Department Chairperson. *A minimum cumulative G.P.A. of 2.50 is required and a student must have a G.P.A. of at least 3.00 in French.*

German

GERM 141 — German for Communication I (3)

Same course as CORE 141

GERM 142 — German for Communication II (3)

Same course as CORE 142

GERM 143 — German for Communication III (3)

Same course as CORE 143

GERM 144 — German for Communication IV (3)

Same course as CORE 144

Latin

LATN 141 — Latin for Communication I (3)

Same course as CORE 141

LATN 142 — Latin for Communication II (3)

Same course as CORE 142

Spanish

SPAN 141 — Spanish for Communication I (3)

Pronunciation, fundamentals of grammar, exercises in speaking, understanding and writing Spanish. Readings introduce the student to Spanish and Spanish-American culture. *Cross-listed as CORE 141.*

SPAN 142 — Spanish for Communication II (3)

Essentials of grammar and pronunciation, and practice in speaking and writing Spanish. Readings increase the student's knowledge of Spanish and Spanish-American culture. Prerequisite: CORE/SPAN 141 or equivalent. *Cross-listed as CORE 142.*

SPAN 143 — Spanish for Communication III (3)

Review and further study of the fundamentals of Spanish to increase comprehension, speaking and writing skills. Readings increase knowledge and understanding of Spanish and Spanish-American culture. Prerequisite: CORE/SPAN 142 or equivalent. *Cross-listed as CORE 143.*

SPAN 144 — Spanish for Communication IV (3)

Development of proficiency in reading Spanish through the study of cultural texts. Emphasis is on vocabulary building and oral and written communication. Readings broaden the student's knowledge and understanding of Spanish and Spanish-American culture. Prerequisite: CORE/SPAN 143 or equivalent. *Cross-listed as CORE 144.*

SPAN 145 — Spanish Conversation and Composition I (3)

Development of proficiency in the active use of Spanish, both spoken and written. The course acquaints the student with the contemporary lifestyle, values and attitudes of the Spanish and Spanish-American people and increases cultural awareness. Prerequisite: CORE/SPAN 144 or equivalent. *Cross-listed as CORE 145.*

SPAN 146 — Spanish Conversation and Composition II (3)

Development of greater fluency in Spanish. Emphasis on extemporaneous conversation encourages the student to think in the language. Study of their culture expands knowledge and understanding of the contemporary lifestyle, values, and attitudes of the Spanish and Spanish-American people and heightens awareness of cultural differences. Prerequisite: CORE/SPAN 145 or equivalent. *Cross-listed as CORE 146.*

SPAN 146 (CORE 146) is a prerequisite for the following courses. Exception is by permission of the Foreign Language Department Chairperson on the basis of individual qualifications. All major courses are taught in Spanish.

SPAN 331 — Advanced Grammar and Stylistics (3)

An in-depth study of the more complex problems of Spanish grammar and pronunciation to develop precision and good style in writing and speaking with phonetic accuracy. *Alternate year course.*

SPAN 332 — Translation (3)

Introduction to problems and techniques of translation. Students translate selected texts from both literary and non-literary sources to improve idiomatic usage and accuracy of expression. *Alternate year course.*

SPAN 336 — Business Spanish (3)

An introduction to Spanish economic and commercial terminology and institutions. *Alternate year course.*

SPAN 338 — Spanish Language Media (3)

Study of representative articles and programs from the media of the Spanish-speaking world to develop a contemporary vocabulary and improve comprehension. Emphasis is on current events including politics, economics and social trends. *Alternate year course.*

SPAN 441 — Spanish Civilization I (3)

Study of events, ideas, institutions and major figures from the Middle Ages to the end of the Golden Age. *Alternate year course.*

SPAN 442 — Spanish Civilization II (3)

Study of the events, ideas, institutions and major figures from the eighteenth century to the present. *Alternate year course.*

SPAN 443 — Mexican Civilization and Culture (3)

Study of Mexican civilization and culture from the earliest indigenous civilizations to the present, including the cultural influence of Spain on Mexico as well as on the rest of Latin America. *Alternate year course.*

SPAN 453 — Spanish American Literature (3)

An introduction to Spanish American Literature from colonial times to the contemporary period. Readings include selections from the works of such writers as Bernal Díaz del Castillo, Juana Inés de la Cruz, Domingo Sarmiento, José Martí, Rubén Darío and Gabriel García Marquez. *Alternate year course.*

SPAN 463 — Golden Age Literature (3)

Study of representative prose works, drama and poetry of Spain's Golden Age. Readings include selections from San Juan de la Cruz, Cervantes, Lope de Vega, Calderón de la Barca and from picaresque fiction. *Alternate year course.*

SPAN 491 — Selected Topics in Spanish and Spanish American Studies (3)

In-depth study of selected topics in the language, literature or culture of Spain or Spanish America. Topic is announced at preregistration. *Offered as required.*

SPAN 499 — Spanish Internship (3)

A Spanish internship may be taken as an elective in addition to the eight required major courses with the approval of the Department Chairperson. *A minimum cumulative G.P.A. of 2.50 is required and the student must have a G.P.A. of at least 3.00 in Spanish.*

Forensic Science Minor

Paul Lindenmuth, Program Director

Forensic science is the application of technical knowledge to the resolution of legal questions. Nearly all disciplines have forensic applications. The minor is designed to provide an overview of the forensic science disciplines and how they aid the investigation of criminal activity. The principles, methods, and skills used in analyzing evidence and applying the results to criminal investigation are examined. More advanced courses within the major provide the technical knowledge required.

Education Requirements

(6 COURSES — 18 CREDITS)

FS 101 Introduction to Forensic Science (3) OR

FS 278 Forensic Chemistry (3)

REQUIRED

FS 131 — Introduction to Criminal Law (3)

The elements of major criminal offenses such as murder, robbery, manslaughter, rape, and other substantive offenses. The commonly accepted defenses to those crimes (insanity, consent, entrapment, and self-defense) are studied. The student is expected to apply criminal law definitions and defenses to real life factual situations in order to determine the likelihood of successful prosecution or acquittal. *Cross-listed as CJ 131.*

FS 275 — Human Genetics (3)

The basic fundamentals of human genetics within the context of the principles of life science. Topics include classical, developmental, population, and molecular genetics; cytogenetics; analysis of complex traits such as behavior; genetic technology; human genetics and the future of man, medical, ethical, legal, and social aspects. Prerequisite: CORE 270. *Cross-listed as CORE 275.*

FS 278 — Forensic Chemistry (3)

Application of the principles of chemistry to the analysis of evidence in criminal cases. Topics include comparisons of toolmakers, firearms, fingerprints, trace evidence, drugs and bloodstains. Proper techniques of evidence collection and handling are discussed from both legal and scientific viewpoints, as well as the advantages and limitations of presently utilized methods of analysis. For non-science majors and not acceptable for students majoring in the natural sciences. Prerequisite CORE 270. *Cross-listed as: CORE 278.*

FS 341 — Forensic Psychology (3)

This course involves an extensive examination of the interface between psychology and the legal and criminal justice systems. By taking this course, students will develop an understanding of the roles forensic psychologists perform and the tensions they experience by participating in the legal system. By examining relevant criminal cases we will examine topics including psychologists' contributions to understanding theories of crime, eyewitness testimony and memory, criminal profiling, repressed and recovered memories, lie detection, competency testing, the insanity defense and the death penalty, pre-trial publicity, false confessions, and jury selection among other. The course will include lecture,

discussion, video and guest speakers as well as trips to local legal and criminal justice venues. *Cross-listed as PSYC 341.*

ELECTIVES (2) REQUIRED

FS 273 — Contemporary Biology (3)

Selected issues in contemporary biology. Topics may include world hunger as an ecological problem, the impact of genetic technology on medicine, and the biological and ecological problems of toxic and hazardous wastes. *Prerequisite: CORE 270. Cross-listed as: CORE 273.*

CIS 491 — Cyber Terrorism and Industrial Espionage (3)

CIS 491 — Computer Fraud (3)

CIS 491 — Conspiracy and Computer Crime (3)

CIS 491 — Legal Issues and Computer Technology (3)

FS 355 — Criminal Investigation (3)

An analysis of the techniques and methods used by a criminal investigator in order to solve a criminal incident. Examination of the laws and rules of evidence; the collection and analysis of physical and latent evidence; basic investigative leads; forensic science and criminalistics; interviewing witnesses and the interrogation of suspects. Particular investigative procedures employed in the solving of such crimes as homicide, rape, arson, and organized crime will be detailed. *Cross-listed as CJ 355.*

FS 367 — Rules of Evidence (3)

The admissibility or inadmissibility of critical pieces of evidence. Topics include the hearsay rule and its exceptions; the opinion evidence rule; character and reputation evidence; direct and cross-examination of witnesses; radar evidence; voice spectrographs, identification by hypnosis; and other pertinent rules of evidence. *Cross-listed as CJ 367.*

FS 475 — Advanced Analytic Chemistry (3)

Selected topics in Analytical Chemistry. The choice of topics will be made in accord with the mutual interests of the instructor and students. Possible categories include forensic chemistry, spectroscopy, electrochemistry and other analytical methods. *Prerequisite: CHEM 244 or CHEM 252 and permission of the department chairperson. Cross-listed as CHEM 475.*

FS 498 — Forensic Accounting (3)

Pre-requisites: MSB 110 & MSB 120. *Cross-listed as: ACCT 498.*

FORENSIC SCIENCE WORKSHOPS

(3 WORKSHOPS MAY SUBSTITUTE FOR OF THE ELECTIVES)

Blood Stain Evidence (1 credit)

Forensic Photography (1 credit)

Document and Handwriting Examination (1 credit)

Weapons Identification (1)

Evidence Retrieval and Processing (1 credit)

Financial Crimes (1 credit)

Forensic Anthropology (1 credit)

Forensic Odontology (1 credit)

Other courses may be substituted in consultation with the program director.

General Science

Dr. Robert Paoletti, Program Director

A major program in General Science is available to students whose goals and interests require a diversity of exposure to science disciplines and flexibility in selection of science courses. The major in General Science is appropriate for students who are preparing for careers in the health professions (Pre-Medical, Pre-Dental, Pre-Veterinary, etc.), for those who wish to enter graduate school programs at the Masters or Doctoral degree levels, for those students who wish to attain Teacher Certification at the Elementary level, and those preparing for employment in a variety of science or science-related career areas.

The major sequence course requirements for the General Science Major provide a breadth of exposure to the science disciplines; the choices available for minor concentration provide diversity and flexibility so that a student can readily obtain specific preparation needed for individual postgraduate plans.

Course electives available in the Core Curriculum and within the minor concentration areas also allow the student to tailor the General Science Major toward specific goals, and/or select combinations with other disciplines outside of science where such combinations are appropriate or required for postgraduate career plans.

Education Requirements

GENERAL SCIENCE MAJOR SEQUENCE REQUIREMENTS

BIO 111	General Biology I (4)
BIO 112	General Biology II (4)
CHEM 113	General Chemistry I (4)
CHEM 114	General Chemistry II (4)
PHYS 111	General Physics I (4)
PHYS 112	General Physics II (4)
CS 101	Computer Skills: Sciences (1)

One of the following groups:

MATH 125	Calculus (4)
MATH 126 OR 128	Introduction to Statistics and Data Analysis (3 OR 4)
MATH 129	Analytic Geometry and Calculus I (4)
MATH 130	Analytic Geometry and Calculus II (4)

The Sophomore/Junior Diagnostic Project and Senior Integrated Assessment in the area of chosen minor concentration, or in an alternative area, approved by the Chair of the Department of the area of minor concentration and by the Program Director.

SELECT ONE OF THE FOLLOWING MINOR CONCENTRATIONS:

Biology

Four (4) Biology electives approved by the departmental advisor

BIOL 370	Biology Seminar (2) S/JDP
BIOL 490	Biological Research (4) SIA

Elective courses in Science and/or Math to accumulate a minimum of 60 credits in Science and Math.

Chemistry

CHEM 241 Organic Chemistry I (4)

CHEM 242 Organic Chemistry II (4)

CHEM 243 Analytical Chemistry (4)

CHEM 493, 494 Senior Colloquium (1,1) SIA

One Chemistry elective, excluding Chem 197 and Chem351

Elective courses in Science AND/OR Math to accumulate a minimum of 60 credits in Science and Math.

Mathematics

MATH 127 Logic and Axiomatics (3)

MATH 128 Introduction to Statistics and Data Analysis (4)

MATH 129 Analytic Geometry and Calculus I (4)

MATH 130 Analytic Geometry and Calculus II (4)

MATH 250 Linear Algebra (4) SIA

MATH 490 Junior Seminar (1) S/JDP

Elective courses in Science AND/OR Math to accumulate a minimum of 60 credits in Science and Math.

Neuroscience

CORE 154 Psychological Foundations (3)

NEUR 211 Neuroscience I (3)

NEUR 212 Neuroscience II (3) S/JDP

NEUR 300 (at least one) Research Experience (1 to 3)

NEUR 480 Senior Seminar (3) SIA

Two of the following:

NEUR/PSYC 342 Drugs and Behavior (3)

NEUR/PSYC 346 Psychopharmacology (3)

NEUR/PSYC 348 Sensation and Perception (3)

NEUR/PSYC 349 Animal Behavior (4)

NEUR 390 Topical Seminar in Neuroscience

Elective courses in Science AND/OR Math to accumulate a minimum of 60 credits in Science and Math.

Environmental Studies

ENST 201 Environmental Studies I (4)

ENST 202 Environmental Studies II (4)

ENST 370 Environmental Seminar (1-3) S/JDP

One of the following:

ENST 490 Independent Study in Environmental Issues (3)

ENST 499 Internship (3)

Three of the following:

CORE 282 Environmental Ethics (3)

SOC 312 Dynamics of Population (3)

ENST 260 Environmental Law (3)

PS 452 Environmental Policy (3)

Elective courses in Science AND/OR Math to accumulate a minimum of 60 credits in Science and Math

Gerontology

Mr. Thomas Visgilio, III, Director

Gerontology, the study of aging, is an exciting new multidisciplinary field that integrates those academic and professional areas that share a common interest in aging. As a coordinating effort, Gerontology brings into focus the complexities of aging as a biological process, its psychological and cultural implications, its principal health and mental health problems, its personal and social concerns, and its economic and political dimensions. In addition, Gerontology identifies and interrelates those human service areas, as well as the health care and other professional fields, which address the problems, life circumstances and needs normally associated with the elderly and middle aged segments of the population. Gerontology also studies the impact of age demographics upon such issues as resources allocation, manpower deployment and commercial strategies. Graduates of the program have entered a variety of professions, and many continue their education in gerontology by pursuing advanced degrees.

The statistics, which attest to the "graying of America", are well documented. At present, the senior citizen segment of the population is growing at a faster rate than any other age group. The number of persons living well into their seventies, eighties and even nineties is increasing at an unprecedented rate. The average median age on a national basis now exceeds thirty, while the average median age in northeastern Pennsylvania is over thirty-five. Since these trends are expected to continue, age-related problems will become the daily concern not only of society as a whole but also of its constituent members. More financial resources will be directed toward the maintenance of elderly persons. Hard economic decisions regarding Social Security benefits and other monetary supplements affecting the elderly will have to be made. Issues such as housing, medical services and general health care maintenance, human services, and social and economic opportunities for the elderly are becoming pressing concerns. Moreover, family life and responsibilities are being reorganized on an intergenerational basis. For these reasons and others, Gerontology-the study of aging-should be an integral part of the education of today's college student.

For career purposes, Gerontology is best combined with those professions which address directly the needs and life circumstances of older and middle-aged persons. Career opportunities for students with a background in Gerontology are available in the following: social services; health care professions; health care facility management; nursing homes; convalescent facilities; rehabilitation facilities; nutrition and diet planning; public administration; legal services; marketing; advertising; investment counseling; urban planning; psychological services and research; and biological research.

Education Requirements

MAJOR REQUIREMENTS

(12 COURSES — 39 CREDITS)

- | | |
|----------|---------------------------------|
| GERO 211 | Introduction to Gerontology (3) |
| GERO 251 | Biological Aspects of Aging (3) |
| GERO 356 | Adulthood and Aging (3) |

- GERO 420 Senior Seminar: Contemporary Issues in Gerontology (3)
GERO 499 Gerontology Internship (3-6)
SOCS 251 Computer Applications in the Social Sciences (3)
SOCS 261 Statistics/Methods of Social Research (3)

Fifteen (15) credits from the following:

- GERO 305 Communication and Aging (3)
GERO 313 The Aging Body (3)
GERO 317 Nutrition and Aging (3)
GERO 331 Aging Policy and Management (3)
GERO 332 Legal Issues Affecting the Elderly (3)
GERO 358 Counseling Older Adults (3)
GERO 367 Sociology of Aging (3)
GERO 375 Retirement Planning (3)
GERO 377 The Social Security System (3)
GERO 381 Long-term Care Administration (3)
GERO 382 Older Population Health Care Support System (3)
GERO 385 Women and Aging (3)
GERO 430 Gender, Race and Age Issues in the Workplace (3)

MINOR REQUIREMENTS

(6 COURSES — 18 CREDITS)

- GERO 211 Introduction to Gerontology (3)
GERO 420 Senior Seminar: Contemporary Issues in Gerontology (3)
Twelve (12) credits GERO electives

ASSOCIATE DEGREE (A.S.)

(10 COURSES — 30 CREDITS)

- GERO 211 Introduction to Gerontology (3)
GERO 420 Senior Seminar: Contemporary Issues in Gerontology (3)
SOCS 251 Computer Applications in the Social Sciences (3)
SOCS 261 Statistics/Methods of Social Research (3)
Fifteen (15) credits GERO electives
Three (3) credits elective approved by advisor

CERTIFICATE PROGRAM IN GERONTOLOGY

(6 COURSES — 18 CREDITS)

- GERO 211 Introduction to Gerontology (3)
GERO 420 Senior Seminar: Contemporary Issues in Gerontology (3)
Twelve (12) credits GERO electives approved by the program director

Course Descriptions

GERO 211 — Introduction to Gerontology (3)

A study of the multidisciplinary nature and scope of Gerontology, the study of aging. The course identifies the biological, psychological and socio-cultural aspects of aging, and calls attention to the principal problems which affect the elderly.

GERO 251 — Biological Aspects of Aging (3)

An introduction to biological gerontology. Topics include the aging process at the molecu-

lar, cellular, physiological, and organismal level; structural and functional changes in aging; gerontological nutrition and metabolism, diseases of the aging, biological mechanisms of aging, and current advances in aging and longevity research. Prerequisite: CORE 274.

GERO 305 — Communication and Aging (3)

The perspective taken in this course will be the perspective of the individual experiencing aging. The aging individual is affected by physiological and social changes which accompany changes in the roles and rules of human interaction. Gender, ethnic and racial differences will be included in the treatment. The course will examine inter- and intra-generational communication, including a look at the communication of the aging couple. Communication within the family will include examination of changes in role relationships, with some reference to elder abuse. The impact of context and the differences between home and institution will be studied, including treatment of health communication as it relates to the elderly. The course will include a study of the myths and stereotypes of aging, particularly fostered by mass media. Students will participate in a field study interviewing seniors as part of an oral history project.

GERO 313 — The Aging Body (3)

A study of two disciplines related to aging: Gerontology, the study of the process of aging and the effects of time on human development; and Geriatrics, the medical intervention in the treatment of the disease of aging. Topics will include the social, psychological and physical effects of aging.

GERO 317 — Nutrition and Aging (3)

A study of the physiological, psychological and social parameters of aging that offset the nutritional status of an individual. The course discusses the effects of eating habits and chronic diseases on nutritional needs, and compares the nutritional requirements of older persons with those of the younger generations.

GERO 331 — Aging Policy and Management (3)

An overview of the Aging Network, including legislative authorization for same; management and administrative principles, practices and methods applicable to Aging programs/services; and direct service theory and practice with other persons.

GERO 332 — Legal Issues Affecting the Elderly (3)

The course shall address the legal concerns of the elderly, including issues involving incompetency and guardianship, protective services, least restrictive living alternatives and advocacy activities on behalf of the elderly. The course will review trends in a society with a growing elderly population, including law and ethics regarding quality of life issue and will review court cases and legislation involving aging issue and practical aspects of protecting the rights of the elderly. *Cross-listed as PS 332.*

GERO 356 — Developmental Psychology: Adulthood and Aging (3)

Analysis of human development from young adulthood through old age. Main emphases are upon social and emotional changes associated with various stages of adult life. Crises typically encountered by individuals in their twenties, thirties, forties, etc. are discussed, including shifts in self-concept, sexual desires, attitudes toward life, conceptions of death, etc. Development during the period of old age will be stressed. *Cross-listed as PSYC 356.*

GERO 358 — Counseling Older Adults (3)

Theoretical and practical considerations relevant to counseling/clinical work with adults.

Individual and group therapy alternatives will be covered, with particular emphasis upon those techniques which have been designed to help individuals deal with crises and changes associated with the mid-life through old age periods (e.g. problems associated with aging, death and dying, disengagement in marriage, retirement and sexuality).

GERO 367 — Sociology of Aging (3)

Emphasis on aging as a social problem and examination of problematic conditions such as health, finances, the transition into retirement, individual adaptation to aging, the society's current inconsistent responses to aging including public and private maintenance programs. *Cross-listed as SOC 367.*

GERO 375 — Retirement Planning (3)

The essential elements of retirement planning. Topics include forecasting financial needs; investment strategies; pensions; money management; budgeting; taxes; life and health insurance; housing alternatives; and aspects of estate planning and wills. *Cross-listed as FIN 375.*

GERO 377 — The Social Security System (3)

The structure and focus of the Social Security system. Specific benefit programs and their eligibility requirements will be identified and discussed. Emphasis on the historical development of the Social Security Program and the financial crises which now face it.

GERO 381 — Long-Term Care Administration (3)

An introduction to the long-term health care field as it relates to the nursing home industry. Topics include a brief history of long-term care; types of nursing homes; management theory; Medicare/ Medicaid funding; federal and state regulations; licensure and enforcement; patient care; principles of medical care; and community relations. *Cross-listed as HCA 381.*

GERO 382 — Older Population Health Care Support System (3)

A study of the components of the Older Population Health Care Support System with an emphasis on access to it by the older person and the appropriateness and acceptability in one or more of the array of services available. Involved will be an understanding of customary referral sources, intake monitoring including shared management, assessment of individual needs factors; case management based on needs continuum and a services continuum. Practical aspects of decision making for the older person in meeting his/her health and related needs and the resources available will be the focus. *Cross-listed as HCA 382.*

GERO 385 — Women and Aging (3)

Topics to be examined include: a demographic profile of women over 65; their economic situation, including health care expenses; their state of health; and their social interaction and living arrangements. Attention will be given to the intergenerational and gender-based nature of communication between elder and caregiver. Attention will be given to models of vital women over 65.

GERO 420 — Senior Seminar: Contemporary Issues in Gerontology (3)

A seminar that provides the student the opportunity to synthesize material and experience acquired during the Gerontology major program, delving further into selected topics, and creatively to evaluate this knowledge.

GERO 430 — Gender, Race and Age Issues in the Workplace (3)

An advanced-level seminar allowing students to analyze gender, race and age-related issues. Participants will explore these issues through media (e.g., movies, advertising, news coverage, etc.), examination of legal and ethical responsibilities and empirical research.

The strategic necessity of cultivating and empowering a diverse workforce will be the theme of the course. *Cross-listed as HRM 430.*

GERO 480 — Independent Study (3)

Majors may undertake a study project that concentrates on specific needs and problems of the elderly and the delivery service capacities of public and private agencies to meet those needs.

GERO 499 — Internship (3-6)

Placement in an agency, facility or organization that provides field experience exposure to the intervention strategies within the aging network to address the needs and life-circumstances of the older population. 3 credits (180 hours) or 6 credits (300 hours).

Health Care Administration Minor

Bernard J. Healey, Chairperson

The objective of the Health Care Administration Minor is to enhance the value of students' major programs by demonstrating the linkages between health care administration and their primary fields. Students will be introduced to the U.S. health system and see how their majors impact and is impacted by health care administration.

The minor is open to all majors and places an emphasis on providing students with business and community health administration skills to understanding the rapidly evolving health care system. The minor requires five courses for a total of 15 credits.

The courses required to complete the minor were selected to increase the understanding, marketability, and post graduation effectiveness of students in the following majors: physician assistant, sports medicine, and business school majors (accounting, business administration, finance, human resource management, and marketing). For physician assistant and sports medicine the courses are designed to make students cognizant of organization processes and enhance their productivity as health care providers. For business majors, the minor is designed to deepen their understanding of their major by demonstrating how their majors' theories and practices are implemented in the health care field. The minor is highly recommended for business students considering health care employment after graduation.

Education Requirements

TRACK A:

Required HCA Minor Courses for Physician Assistant Students

(15 CREDITS)

HCA 311	Principles of Epidemiology
HCA 312	Medical Practice Administration
HCA 321	Community Health Administration
HCA 372	Health Law
HCA 491	Managed Care

TRACK B:

Required HCA Minor Courses for all Business and Non-Business Students

(15 CREDITS) (excluding HRM majors)

HCA 311	Principles of Epidemiology
HCA 352	Financial Management for Health Care Managers
HCA 372	Health Law

Plus two more courses from the following list or approved course by advisor:

HCA 312	Medical Practice Administration (Accounting/Finance)
HCA 475	Health Care Administration Policy and Issues
HCA 491	Managed Care (Finance)
HCA 492	Leadership and Executive Skills for Health Care Managers (Business Administration)

TRACK C:**Required HCA Minor Courses for HRM Majors**

(15 CREDITS)

HCA 311	Principles of Epidemiology
HCA 312	Medical Practice Administration
HCA 492	Leadership and Executive Skills for Health Care Managers
HRM 380	Employment and Labor Law
HRM 390	Compensation and Benefits

Course Descriptions

HCA 311 — Principles of Epidemiology (3)

This course prepares the student for a better understanding of the disease process with a focus on prevention of disease. Principles of epidemiology, morbidity, mortality, disease reporting and evaluation programs will be discussed. The student will work with actual disease outbreaks and learn how to gather data, present results, and understand the cause of the outbreak. These same concepts will be utilized to solve managerial problems in health care administration.

HCA 312 — Medical Practice Administration (3)

This course is designed as a comprehensive introduction to the field and to the management of contemporary medical practices and examines strategies for a changing environment. Main topics covered in this course include the historical overview of the development of ambulatory care in the U.S., legal and organizational environment analysis, principles of financial, information systems, and human resources management, marketing and strategic management of group practices, and the implications of managed care and integrated delivery systems. The course presents these topics from a managerial perspective and uses case studies to illustrate the issues and problems faced in day-to-day management.

HCA 321 — Community Health Administration (3)

This course examines community health initiatives designed to protect and advance the general health of the public. Topics to be covered include: history of public health, epidemiology, health education, child health programs, communicable and chronic diseases, environmental health and the future of public health. This course will focus on the use of community collaboration to attain the goals outlined in "Healthy People 2010".

HCA 352 — Financial Management for Health Care Managers (3)

This course is designed as a comprehensive introduction to the financial management function in the context of health care organizations. Topics covered include the concepts of health insurance and third party reimbursement, cost and variance analysis, financial and operating analysis, budgeting requirements, and impact of capitated payment on health facility operations. The primary goal of this course is to increase analytical and decision-making skills using finance theories, principles, concepts, and techniques most important to managers in the health care industry. Prerequisite: MSB 320.

HCA 372 — Health Law (3)

An upper level course which will introduce the student to the Anglo-American system of law and jurisprudence with an emphasis upon the myriad legal issues which impact upon healthcare in the United States. These issues include but are not limited to, the physician-

patient relationship, informed consent, malpractice, fraud and abuse, and government regulation. A special emphasis will be placed upon legal/ethical issues such as death and dying, the rationing of health care and human reproduction and birth.

HCA 475 — Health Care Administration Policies and Issues (3)

This course will provide a broad introduction to the policies, issues, and trends affecting the health care industry, the political nature of the health care crisis, public health/community/facility health issues, emerging health care models, historical analysis and explanation of changes in health care policies, workmen's compensation and insurance coverage issues.

HCA 491 — Managed Care (3)

This course is designed as a comprehensive introduction to the organization and delivery of managed health care in the U.S. This course begins with standard insurance concepts and then proceeds to examine the key elements of managed care from various perspectives including physicians, hospitals, consumers, employers, and public payers. Specifically, this course will explore 1) the factors influencing the development of managed care arrangements in the U.S. health care industry, 2) the various types of managed care systems, 3) the key concepts of utilization management and quality assurance under managed care, 4) impact of managed care on public financing programs (i.e., Medicare and Medicaid), 5) regulatory and legal issues in managed care, and 6) current and emerging issues in managed care.

HCA 492 — Leadership and Executive Skills for Health Care Managers (3)

A capstone course designed to promote a synthesis of various HCA courses into a coherent process which allows consideration of top management problem of determining objectives, developing policy and directing organizations in order to integrate the several operational divisions of an enterprise; to develop skills of problem recognition and resolution within and constrained by various environmental impact groupings. Leadership and executive management skills will be emphasized.

History

Dr. Brian Pavlac, Chairperson

The study of history, an analysis of past human activities, seeks to prepare the student to understand the present and to influence the future. Citizens are bombarded daily with images, information, opinion, and interpretation about the origins and nature of contemporary problems. It takes a special kind of knowledge and analytical ability to respond to these stimuli intelligently. History is not concerned with the past for its own sake, but seeks to develop these skills of analysis and problem solving that can be widely used in the student's personal and professional life. The student of history does not concentrate on names and dates, battles and treaties, for the data is not an end in itself. It is used instead to better understand the forces which have shaped our world, address contemporary problems in a tested way, and as a means of developing the ability to communicate effectively in speech and writing.

The history curriculum seeks a balance between breadth and depth to serve the interests of the students who use the major as preparation for a variety of careers in law, business, government or education. The major program is built upon the broad exposure provided by the Core Curriculum with its overview of American, Western and 20th Century problems. We offer a nucleus of courses concentrating around the three divisions traditional in the discipline. There is a sequence of American history courses organized on a thematic basis, courses in European history organized chronologically, and area courses which introduce the student to the unique features and experience of several non-Western societies. An additional special topics course exists for specific historical subjects, experiential learning such as internships, and independent study and research. Whatever the subject matter, all courses aim at developing analytical skills, techniques of research, and effective communication.

Like all liberal arts concentrations, the major in history allows a variety of career paths. Recent King's history graduates can be found in a whole range of careers in business, government and education. From the earliest days of the College history has been a foundation for the study of law. We have had great success in sending graduates to top law schools as well as other graduate study in this country and abroad. Our majors are widely represented in teaching, government service of all types at all levels, and a multiplicity of positions in the field of business.

Each semester our majors have the opportunity to pursue a variety of internships in government, law, and with the local historical society in agency and museum management. The King's College History Society, is open to all students interested in history, bringing them together in social and academic activities. To encourage scholarship in history the department sponsors a chapter of Phi Alpha Theta, the national history honor society. Outstanding students are elected to this society each year by the chapter's membership. Phi Alpha Theta encourages the presentation of scholarly papers at regional meetings.

Education Requirements

MAJOR REQUIREMENTS

(12 COURSES — 36 CREDITS)

CORE 130 American Civilization (3)

CORE 131 Western Civilization (3)

History majors cannot substitute CORE/HONORS 135

CORE 132 The Twentieth Century: A Global Perspective (3)

HIST 261 Research/Methodology/Computer Skills (3)

HIST 415 Senior Seminar (3)

Twenty-one (21) credits HIST electives of which six (6) will be in American, six (6) in European; and six (6) in non-Western areas.

MINOR REQUIREMENTS

(6 COURSES — 18 CREDITS)

CORE 130 American Civilization (3)

CORE 131 Western Civilization (3)

CORE 132 The Twentieth Century: A Global Perspective (3)

Nine (9) credits HIST electives

SECONDARY EDUCATION CERTIFICATION IN CITIZENSHIP EDUCATION

In addition to the History major curriculum students will take

HIST/GEOG 252 World Cultural and Economic Geography
(Can be used as a History elective)

HIST/GEOG 252 American Cultural Geography
(Can be used as a History elective)

CORE 151 American Government

HIST/PS 371 International Politics *(Can be used as a History elective)*

HIST 271 Pennsylvania Survey *(Can be used as a History elective)*

HONORS/ECON 123 Economic Dimensions of Contemporary Issues

Course Descriptions

HIST/GEOG 252 — World Cultural and Economic Geography (3)

A survey of the inter-relationship of geography with worldwide ethnic, social, technological, and market systems. Topics include geographic utilization and cultural development, diversity and interaction among cultures, and the role of global economics. The course is required for all Elementary Education majors and for all Citizenship Education Secondary Education students.

HIST 253 — American Ethnicity and Minority Group Relations (3)

The history and sociology of American racial and ethnic groups are examined along with their status in society. Emphasis is placed on the settlement process, cultural identity, accommodation, assimilation, cultural diffusion, segregation, inter-ethnic relations, and theories regarding race and ethnicity. Social sources of the patterns of discrimination will also be examined. The course is based on both historical and sociological research as it explains how the American racial and ethnic heritage shaped contemporary American society.

HIST 255 — History Through Selected Biography (3)

A study of a selected historical period or theme through the use of biography. The course will

explore the thesis that a well-written biography provides insight into an historical period or theme. An analysis of the historian's methodology as biographer will also be included.

HIST 260 — American Political History (3)

A survey of the historical development of the American political system from the Federalist Era to the current day. The course will examine growth of the major American political parties as well as third party movements. Primary focus will include political party philosophies and programs, ideas and forces which shaped the political system, men and women who served as party leaders, and significant state and national elections.

HIST 261 — Research/Methodology/Computer Skills (3)

An overview of the basic skills and methods needed for the study of history. Topics will include library and archival research, historical writing, historiography and interpretation, use of various computer applications, quantitative analysis in history, and the professional opportunities for the history major. Students will complete a supervised research paper that will be considered the Sophomore-Junior Project. *This course is normally taken in the second semester of the sophomore year and is required of all history majors.*

HIST 265 — American Social History (3)

A topical examination of the development of American attitudes and institutions. This is the history of the people and the topics include the demography, race, ethnicity, religion, socio-economic status, gender, and lifestyle.

HIST 271 — Pennsylvania Survey (3)

An overview of the geography, history, politics, economic, and culture of Pennsylvania. In addition, contemporary issues within the Commonwealth will be examined. *The course is required for all Citizenship Education Secondary Education students.*

HIST 282 — Asian Civilizations (3)

A survey of the major civilizations of monsoon Asia, ranging from the Indian Subcontinent through Indochina and Indonesia to China and Japan. Focus will be on the key political, social, and cultural developments of the major peoples from their beginnings to the present. Of special interest will be how they influenced each other and how they interacted with Western Civilization in the modern period.

HIST 331 — American Business and Labor in Historical Perspective (3)

An analysis of the development of American business from Colonial society to the present. In particular, the course will examine, from the perspective of historical continuity, the interaction of economic development with social and political factors.

HIST 333 — American Foreign Policy (3)

A survey of the major stages of American interaction with the world around it. It analyzes the ways in which American leaders have pursued the national interests and concentrates on the historical background of contemporary problems.

HIST 337 — The United States: Revolution to Republic 1763-1815 (3)

Analysis of the American Revolution and the establishment of the American Republic. Special attention and emphasis will be given to the influence of Anglo-American ideas and institutions, the British imperial policies and colonial reaction, Revolutionary ideology, the social and political consequences of the Revolution. Also treated will be government in the Confederation period as well as the establishment of the Constitution, the ideological conflicts and factionalism in the Washington, Adams, Jefferson administrations including foreign policy and the impact of Anglo-French conflict in the period.

HIST 339 — United States Since 1945 (3)

It will be the purpose of this course to define and to examine the principal political, social, economic, and cultural forces in this period. Emphasis will be given to the study of the challenges and changes at home and abroad which the United States has experienced in the Cold War and post-Cold War era and the development of the world's largest military-industrial-scientific complex. Also, study of the national and international growth of American business and corporate enterprise. Analysis of the Civil Rights movement will include examination of the voices of African-Americans, feminists, gays and lesbians, young people, and many new immigrants whose status requires re-examination. The impact of the communication and information revolution will also be included.

HIST 343 — The American Presidency (3)

An analysis of the significant developments in the evolution of the Presidency using a study of the administrations of a select group of American Presidents. Emphasis will be on an examination of the leadership roles each exercised in shaping the character of the office as well as a focus on the primary political, economic, and cultural forces of the respective historical periods. Washington, Jefferson, Jackson, Lincoln and the major twentieth century. Presidents will be the primary subjects of the course.

HIST 345 — Modern Britain (3)

A broad survey of Britain from the 1680's to the 1980's, from the Glorious Revolution to the present, with attention paid to economic, social, political and imperial developments. Themes will include the rise and fall of the world's first industrial nation and its colonial empire; Victorian culture and society; and the modern welfare state and its discontents.

HIST/GEOG 352 — American Cultural Geography

A topical examination of the relationship between geography and cultural development in the United States. Topics to be studied include folk, popular and vernacular cultures; settlement patterns; regionalism; linguistics; race and ethnicity; religion; socioeconomic status; and forces of unity and diversity. The students will also become familiar with the methods and process of geographic study. *The course is required for all Citizenship Education Secondary Education students.*

HIST 357 — Violence in America: A Historical Perspective (3)

An investigation of the contributory factors within the societal framework that produced assassinations, rioting, ghetto uprisings, vigilantism, etc. The study excludes war. The primary focus is to examine, interpret and analyze the evolution of this growing threat to society's stability.

HIST 361 — History of America's Major Wars

This course is a systemic examination of the major wars engaged in by the United States, analyzing how and why we entered, what we accomplished, and what were the consequences of our involvement. The Vietnam conflict will receive intensive scrutiny and emphasis, particularly the decision-making process.

HIST 363 — Russia in Historical Perspective (3)

A study of the crucial developments and highlights in the evolution of the Russian state from the Kievan period to the present. Emphasis will be on the roles of ideology, geography, environment and history in forming, shaping and maintaining authoritarian government. The study of the contemporary period, especially that dealing with the creation, establishment and disintegration of the Soviet state, will receive intensive examination.

HIST 365 — Latin America (3)

A survey of the historical development of Hispanic cultural, political, social and economic institutions in the New World. The course will begin with the legacy of the Colonial era, and continue through the period of independence movements and nation building in the nineteenth century. Special emphasis on the way Latin American history has shaped the region's attitude and role in the twentieth century.

HIST 371 — International Politics (3)

Selected aspects of international politics at three major levels of analysis: the international political system; the major actors in the system; the principal forms of interaction between actors in the system. Among topics are the balance of power; collective security; foreign policy decision-making; environmental factors; diplomacy, bargaining and war; arms control; role of non-national actors like the multinational corporation and the United Nations. Case study illustrations will be utilized. The course is required for all Citizenship Education Secondary Education students. *Cross-listed as PS 371 and IB 371.*

HIST 373 — Women in Western Civilization (3)

A survey of the historical and cultural roles of women from the beginnings of humanity through classical, medieval, and early modern European history up to the twentieth century. In analyzing both representative individuals and general trends, themes include theories of women's history, legal rights and their influence on political institutions, economic activities, gender roles in marriage, family and community, cultural contributions, and devotion to religious life.

HIST 374 — Classical Greece and Rome: 800 BC-AD 500 (3)

An examination of the two cultures which laid the foundation for Western Civilization and Europe. The course will examine growth of city-states in the Ancient World, the diverse governments and social structures of Greek poleis, the Hellenistic expansion of Greek culture, the rise of the Roman Republic and its imperial power, and the impact of Christianity on Greco-Roman culture.

HIST 375 — Medieval Europe: 500-1500 (3)

A broadly based inquiry into the historical synthesis of Greco-Roman, Celtic, Judeo-Christian, and Germanic Barbarian cultures from the late Roman Empire through the age of medieval Christendom, ending with the Renaissance. The course surveys peoples and institutions, especially those of the knights, the clergy, the peasants and the townspeople, which shaped this period of Western Civilization.

HIST 376 — Early Modern Europe: 1500-1815 (3)

An analysis of the emergence of modern Europe. Starting with the Renaissance and Reformation of the 16th century, this course surveys the development of the state system and the origin and evolution of the modern secularized state in its constitutional and absolutist forms.

HIST 377 — German Europe: 1815-1945 (3)

A survey of the political and cultural development of Europe from the fall of Napoleon to the fall of Hitler, focusing on the roles played by the German peoples. These include problems of unification and division, social adjustments of constitutional democracy and the rise of fascism, rule over different ethnic groups and racism, the arts and literature, economic and military competition between neighboring European powers, and the German attempt to dominate the European continent in two World Wars.

HIST 381 — The Modern Middle East (3)

An introduction into a world quite different from western civilization but of immense historical and contemporary significance. Special emphasis is given the role of oil in focusing the interests of the two superpowers on an area of crucial economic and political significance. Chronological concern is with the recent past in which Arab expectations and power impact upon the world as a whole.

HIST 383 — China (3)

A survey of the unique characteristics of civilization and institutions of China as they evolved, and their relevance in the contemporary era. Internal patterns influencing China's response to Western impact as well as the collapse of traditional China through the Nationalist phase to Communism will be considered. Mao Zedong and contemporary China will be analyzed.

HIST 385 — Japan (3)

A survey of the unique characteristics of civilization and institutions of Japan as they evolved, and their relevance in the contemporary era. Westernization, the first non-Western model of parliamentary development, and the rise of Japan to world power will be analyzed. The impact of the occupation, and the socio-political problems of a hybrid culture and industrial giant will be considered.

HIST 387 — World War II

A multidimensional survey of the Second World War. The course will examine the major strategic choices which confronted the Axis and Allies 1939-1945 and the campaigns that followed; the unique Anglo-American alliance; relations with Soviet Russia and China; and the major wartime conferences. Topics of special interest will include American war mobilization, economic warfare; the role of women on the home front, the film and propaganda war, the strategic bombing controversy, and the atomic bomb decision.

HIST 403 — Urban and Community Studies (3)

A study of the research, analysis, and implications in all stages of community development. An historical survey will be presented as a means of examining the present sociological, political, and economic state of American communities. Although Northeastern Pennsylvania subject matter will be utilized, the course approaches the material in a general and multi-regional manner. Direct student participation in selected scholarly projects will be emphasized. *Cross-listed as SOC 403.*

HIST 415 — Senior Seminar (3)

A course designed to integrate discipline-specific knowledge into a culminating senior experience. Students will be required to analyze and discuss all facets of historical presentations, including scholarly works and public history. Each class member will make an in-depth public presentation demonstrating some aspect of historical research, study, or professional involvement.

HIST 425 — Special Topics in History (3)

Specialized historical topics. Offered as required.

HIST 481 — Independent Research (3)

Research under tutorial supervision. Registration requires approval of the department chairperson.

HIST 499 — Internship (3)

A one-semester, supervised experience. A partial list of opportunities include government agencies, the legal system, political office-holders, and historical societies

Human Resources Management

Dr. Marc Marchese, Program Director

Human Resources Management emphasizes the human side of business, in developing and managing the most valuable resource in the work setting — people. The Bachelor of Science degree in Human Resources Management (HRM) prepares students to function as human resource professionals in a variety of settings such as government agencies, health care, financial institutions, and business and industry.

Since the management of human resources involves an understanding of individuals, organizations, and businesses, the curriculum draws upon several disciplines, including psychology and business administration. A special feature of the program is the internship in which advanced students work closely with an HRM professional and a faculty member to learn first-hand what opportunities and challenges exist in this rapidly-growing field.

The career outlook is bright for human resources professionals. For the graduating student, entry-level positions with solid starting salaries and advancement opportunities exist in such occupations as human relations, training and development, human resources management, labor relations, employee recruitment and selection, and compensation and benefits.

In addition, the program prepares students who wish to pursue graduate studies in areas such as Industrial Psychology, Business, and HRM as well as other professional fields in which knowledge of business and the principles of human behavior are essential.

Education Requirements

REQUIRED CORE COURSES (9 CREDITS)

MATH 121	Calculus I
CORE 153	Principles of Economics: Macro
CORE 287	Ethics, Business and Society

BUSINESS FOUNDATIONS (33 CREDITS)

ECON 112	Principles of Economics: Micro
ECON 221	Quantitative Methods for Business and Economics
MSB 110	Introduction to Financial Accounting
MSB 120	Introduction to Management Accounting and Planning
MSB 130	Introduction to Computer Applications for Business
MSB 200	Principles of Management
MSB 210	Principles of Marketing
MSB 305	Organizational Behavior
MSB 320	Financial Management
MSB 330	Business Law I
MSB 480	Strategic Management

HRM REQUIREMENTS (19 CREDITS)

HRM 210	Introduction to Human Resources Management
HRM 354	Psychological Assessment in the Workplace
HRM 380	Employment & Labor Law
HRM 390	Compensation & Benefits

HRM 410 Personnel Training & Development

HRM 460 Current Topics in HRM

CARP 412 Career Planning II (1)

All HRM majors, provided the academic requirements are met, are strongly urged to take the internship in Human Resources (HRM 499) during the junior or senior year.

ELECTIVES (18 CREDITS)

Elective (15 Credits). Students may choose from any elective course offered by the College, including Non-business courses. Students are recommended to utilize some of these elective credits in an internship experience and/or for HRM elective courses.

Elective (3 Credits). Students must choose a non-business course to fill these elective credits.

MINOR/CERTIFICATION REQUIREMENTS (15 CREDITS)

HRM 210 Introduction to Human Resources Management (3)

ASSOCIATE DEGREE (A.S.) HUMAN RESOURCES MANAGEMENT

(10 COURSES — 30 CREDITS)

CORE 153 Principles of Economics — Macro

ECON 112 Principles of Economics — Micro

HRM 210 Introduction to Human Resources Management

MSB 110 Introduction to Financial Accounting

BSB 120 Introduction to Accounting Control and Planning

MSB 130 Computer Applications for Business

MSB 200 Principles of Management

MSB 210 Principles of Marketing

Two (2) of the following:

HRM 354 Psychological Assessment in the Workplace

HRM 380 Employment and Labor Law

HRM 390 Compensation and Benefits

ANY FOUR HUMAN RESOURCE MANAGEMENT COURSES

(12 CREDITS)

All courses offered by the McGowan School of Business beyond the 200-level must be completed at King's College in order for the awarding of the B.S. degree or minor sequence in Human Resources Management or for the fulfillment of any required course In any other degree or minor programs offered through the William G. McGowan School of Business unless permission Is granted by the Department Chair In writing prior to the start of any coursework.

Course Descriptions

HRM 210 — Introduction to Human Resources Management (3)

An overview of the field of Human Resources Management, including an historical perspective of HR, strategies for designing HR activities, and the roles and responsibilities of HR professionals. Participants will have contact with HR professionals. *Prerequisite to all upper-level HR classes for majors.*

HRM 230 — Labor Relations (3)

An introduction to and review of industrial and labor relations. Topics include historical development of the American labor movement, labor law, collective bargaining agreements and negotiations, and grievance administration. Class members will participate in simulated labor negotiations and grievance procedure meetings. Class discussions will focus

on contemporary labor relations' issues as well as theoretical concepts. Recommended for those interested in business management career and labor union activity or employment.

HRM 294 — Leadership for the 21st Century (1)

Designed to help prepare students to be effective leaders for positive social change in local, national, and international affairs. A new paradigm of values-based leadership development provides the framework. Students will be encouraged to apply classroom learning to actual on-going leadership opportunities in organizations of which they are members. *Class closed to freshmen.*

HRM 320 — Organizational Communication (3)

A skills-oriented seminar designed to build oral, written and group skills based on business communication theory and research. Students will gain practical experience conducting hiring, outplacement, counseling and performance appraisal interviews; presenting persuasive written, internet, and oral communications; and developing strategies for forming effective work groups as well as using the internet to gather information pertinent to human resources professionals.

HRM 330 — Organizational Analysis and Change (3)

A survey of the major theories of organizational structure and process. The focus is on the study of the organization's culture and its human and social processes as a background to plan systematic change to improve the organization. Questions such as how to make the organization more effective, more viable, and better able to meet the objectives of the organization and of the individuals within the organization will be addressed. Course material will be applied to existing organizations and case histories.

HRM 354 — Psychological Assessment in the Workplace (3)

This course will apply the principles of psychological assessment to the workplace. The course will address different types of tests/inventories for evaluating job applicants, assessment measures for employee development, test fairness, test construction, and employee opinion surveying. The fundamental functions of I/O psychology will be addressed in relation to psychological assessment.

HRM 360 — Industrial Psychology (3)

A survey of industrial psychology. Topics include: worker attitudes and job satisfaction; employee motivation and work efficiency; worker attitudes/behavior; self-esteem; and work and family issues. Discussions of typical roles and responsibilities of industrial psychologists in a variety of organizational settings will also be undertaken. Students also conduct industrial psychological research. Pre- or co-requisite: ECON 221.

HRM 380 — Employment and Labor Law (3)

Legal issues which impact on various human resource functions will be covered including Equal Employment requirements in recruitment, selection, compensation and performance evaluation. Organizational policies that comply with federal and state statutes will be reviewed and analyzed for union and non-union settings. Case studies, including significant court decisions, will be used. Current topics will include occupation safety and health, work-force diversity, and accommodating the disabled worker.

HRM 390 — Compensation and Benefits (3)

An in-depth exploration of various compensation systems to include policy formulation, internal/external equity and legal requirements. Participants will develop competencies in

job analysis and evaluation, salary surveys and benefit administration. In-depth review of specific benefits such as health, pension, childcare, family leave, HMO's and PPO's.

HRM 410 — Personnel Training and Development (3)

An in-depth exploration into the training process to include needs assessment, design, implementation and evaluation. This course will integrate theoretical and applied principles of adult learning. Participants will utilize diverse training methodologies case studies, role-plays, simulations, interactive video and develop their own competencies as trainers.

HRM 420 — Human Resource Planning (3)

Survey of methods of selecting and planning for human resource needs at the organizational and individual level. Ways to develop long and short-range plans to meet human and organizational needs will be covered. A survey of theories of career choice and adjustment, work ethic, life work planning, and career pathing. Students will use case studies and their own career plans to gain practical experience.

HRM 430 — Gender, Race, and Age Issues in the Workplace (3)

An advanced-level seminar allowing students to analyze gender, race and age-related issues. Participants will explore these issues through media (e.g., movies, advertising, news coverage, etc.), examination of legal and ethical responsibilities and empirical research. The strategic necessity of cultivating and empowering a diverse workforce will be the theme of the course.

HRM 450 — Employee Safety and Health (3)

An advanced seminar designed to provide the necessary competencies and knowledge to deal with issues related to safety and health in the workplace. Participants will have the opportunity to become familiar with federal and state agencies, laws and regulations that govern employee safety. A particular emphasis will be on employer policies and practices to ensure a safe work environment. Each student will explore avenues and develop techniques to ensure and promote health and wellness in the workplace. This course will include case studies, videos, group activities and shared experiences with professionals in the field.

HRM 460 — Current Topics in Human Resources Management (3)

A course designed to integrate and apply the human resources, psychology and business courses required to cases and issues addressed by Human Resources Managers. The student will synthesize their knowledge of human resources principles and practice by applying their knowledge to issues of current concern to HRM professionals. *To be taken in the senior year.*

HRM 470 — Topical Seminar (3)

An advanced seminar offered periodically on a topic of special interest to Human Resources Managers such as Human Resources Information Systems, Employee Assistance Programs, Advanced Industrial Psychology, and International HRM.

HRM 480 — Independent Research in Human Resources Management (3)

Designed to provide the opportunity for students to engage in independent research in a specific area of human resources management. Junior or senior status required; open to juniors with permission of the Department Chairperson. Prerequisite: ECON 221.

HRM 499 — Internship in Human Resources Management (3)

An option for qualified juniors and seniors to gain practical experience in the field while working with a human resources management professional. Regular meetings with a departmental faculty advisor and permission of the department chairperson are required. *A minimum G.P.A. of 2.25 is required.*

International Business

Dr. Bernard Healey, Chairperson

The Global Economy is a reality. To meet the challenge of the 21st century, companies are seeking and hiring graduates with international business backgrounds. The rapid transfer of technology, the shrinking of world trade barriers, the establishment of common markets, and increased competition in traditional home markets, have forced companies to respond. Companies now view the world as their market, the United States but one part-and their organizations are structured accordingly.

Career opportunities in International Business have increased dramatically over the last two decades and are expected to increase even more rapidly in the future. The International Business Program will qualify graduates for challenging corporate positions as managers, advisors, and analysts in the areas of international management, marketing and finance.

If the job market is not the immediate goal, students completing the program will have the background to enter graduate school or law school to study law, including international law.

Education Requirements

REQUIRED CORE COURSES (9 CREDITS)

Math 121	Calculus I
CORE 153	Principles of Economics: Macro
CORE 287	Ethics, Business and Society

BUSINESS FOUNDATIONS (33 CREDITS)

ECON 112	Principles of Economics: Micro
ECON 221	Quantitative Methods for Business and Economics
MSB 110	Introduction to Financial Reporting
MSB 120	Introduction to Management Control and Planning
MSB 130	Introduction to Computer Applications for Business
MSB 200	Principles of Management
MSB 210	Principles of Marketing
MSB 320	Financial Management
MSB 330	Business Law I
MSB 305	Organizational Behavior
MSB 480	Strategic Management

MAJOR REQUIREMENTS (22 CREDITS)

FIN 378	International Finance
IB 241	Introduction to International Business
IB 356	Economic Development and International Geography
IB 358	International Economics or ECON 360 Comparative Economic Systems
IB 450	Management of Multinational Corporations
IB 491	International Special Topics
MKT 390	International Marketing
CARP 412	Career Planning II (1 credit)

12 ELECTIVE HOURS MINIMUM.

Students may choose to take non-business courses to fill their elective credits.

Foreign language proficiency equivalent to the 146-level (Conversation and Composition II). The language should be started in the student's first year with the initial placement level determined by the Foreign Languages Department. The requirement is waived for students for whom English is a second language.

MINOR REQUIREMENTS

(6 COURSES — 18 CREDITS)

Monitoring of student progress in pursuing a minor in International Business is necessary to enhance the student learning experience. Students shall not earn credit for more than 15 hours in any designated course, or combination of courses in: Accounting, Business Administration, Finance, Health Care Administration, Human Resources Management, International Business, and Marketing without being declared as either a major or minor student of one of those programs, or shall be granted permission by the Director of The William G. McGowan School of Business. Therefore, a written declaration must be submitted by the student to the Registrar.

FIN 378 International Finance (MSB 320 is a prerequisite)

IB 241 Introduction to International Business

MKT 390 International Marketing (MSB 210 is a prerequisite)

One of the following:

ECON 360 Comparative Economic Systems

IB 358 International Economics

Two of the following:

IB 356 Economic Development and International Geography

IB 372 International Law

IB 450 Management of Multinational Corporations

IB 491 International Special Topics (Requires permission of the instructor)

As a pre-requirement for the minor, the following must be satisfied: MSB 200 and MSB 210. Selection of elective choices could possibly have additional pre-requirements.

Course Descriptions

All courses offered by the McGowan School of Business beyond the 200-level must be completed at King's College in order to award the B.S. degree, or minor sequence in International Business, or for the fulfillment of any required course in any other degree or minor program offered through the William G. McGowan School of Business, unless permission is granted by the Department Chair in writing prior to the start of any coursework.

IB 241 — Introduction to International Business (3)

The fundamentals of International Business. Topics range from international trade theory, through international organizations and monetary systems, through the uncontrollable forces influencing the management of international business organizations, and also the management tools and strategies to deal with these forces so that productive and profitable operations result. The objective is to prepare the student for other specialized, more intensive courses in international business; or to non-majors, a broad spectrum to equip them fully with fundamentals.

IB 356 — Economic Development and International Geography (3)

Issues in development-population, land usage, transportation, industrialization and natural resources, examined in various regions of the world. Particular consideration is given to the way in which a country's geography affects its economic development. Prerequisites: CORE 153 or ECON 112.

IB 358 — International Economics (3)

The development of the theory of international specialization and trade, the question of free trade and protectionism, an analysis of foreign exchange rates and balance of payments with an appraisal of international financial institutions. Prerequisites: CORE 153 or ECON 112.

IB 360 — Comparative Economic Systems (3)

Analysis of the institutional structure of each type of economy, and the ways in which basic economic principles work through such structures to produce economic results. Prerequisites: CORE 153 or ECON 112.

IB 371 — International Politics (3)

Selected aspects of international politics at its three major levels of analysis: the international political system; the major actors in the system; the principal forms of interaction between actors in the system. Among topics are: the balance of power, collective security; foreign policy decision making; environmental factors; diplomacy, bargaining and war; arms control; the role of non-national actors like the multinational corporation and the United Nations. Case study illustrations will be utilized. *Cross-listed as HIST 371 and PS 371.*

IB 372 — International Law (3)

A survey of the rules and behavior standards of international law based on custom, treaties, and national legal decisions. Topics include: the nature and sources of international law; the rights and duties of states; territorial questions and the law of the sea; jurisdiction over individuals; the law of international transactions; settlement of disputes; and the rules of war. *Cross-listed as PS 372.*

IB 450 — Management of Multinational Corporations (3)

Focus on political, economic, cultural, technological, legal, competitive and other forces bearing on multinational corporations in foreign environments and among those environments. Case histories concerned with each of these forces are discussed, with emphasis on problem-solving using alternate courses of action developed by the student, using what was learned in all prior college courses, business and non-business. The course also focuses on head office management of multiple foreign operations, emphasizing those controllable and uncontrollable factors requiring management attention. Prerequisites: IB 241 and MSB 200.

IB 491 — International Special Topics (3)

A senior-level course bringing together all facets of the student's education to date, from accounting through marketing and finance both domestically and internationally, to Management of Multinational Corporations. One or more broad and intricate case histories will be analyzed by both actual and simulated situations in one or more foreign countries, and will require library and other research by the student.

IB 497 — Independent Study in International Business (3)

Advanced projects in a specialized area of International Business under the supervision of an International Business faculty member. Senior status required. *Open to juniors with permission of department chairperson.*

IB 499 — International Business Internship (3)

Internship opportunities can be arranged with advisement of the department chairperson. *A minimum G.P.A. of 2.50 is required.*

MKT 390 — International Marketing (3)

Introduction to multi-national marketing, with emphasis on: international competition; distribution systems; pricing and credit policies; promotional methods to include advertising; trade barriers; trade agreements; and the political, legal, cultural, ethical, and technological backgrounds. Prerequisites: MSB 210.

Latin American Studies Minor

Latin American Studies is an interdisciplinary area studies minor developed to allow a combination of many different disciplines to examine a common theme. The interdisciplinary focus provides an opportunity for students to study Economics, History, Sociology, Political Science, Languages and Cultures of Latin America, thus gaining a broader understanding of this complex region of the world. Requirements are intended to ensure that each student acquires the necessary foundation of understanding and relevant language skills. A working proficiency of Spanish is required.

The interdisciplinary context of the program also allows students to pursue individual interests that will best complement their major field of study and long-term career goals. Students will be required to complete 18 hours of approved courses including an internship or study abroad component; and, they will have achieved language proficiency in Spanish.

Education Requirements

EDUCATION REQUIREMENTS

REQUIREMENTS (9 HOURS)

1. SPAN 453 Spanish American Literature*
OR
SPAN 443 Mexican Civilization and Culture*
2. PS 248 Latin American Politics
3. Study Abroad
OR
PS 499 Approved Internship***

ELECTIVES (9 HOURS)

- PS 246 Comparative Political Systems II: Developing States
 PS 496 Independent Research
 PS 432 Politics of Latin American Women
 SPAN 443 Mexican Civilization and Culture*
 SPAN 453 Spanish American Literature*
 PS 491 Special Topics: American Politics**
 HST 365 History of Latin America
 ECON 356 Economic Development and International Geography
 PS 492 Special Topics: International Politics**
 PS 372 International Law
 WMST 162 Voices of Hispanic Women Writers

**Core 146 is a prerequisite for these courses. Exception is by permission of the Foreign Language Chairperson on the basis of individual qualification. Both courses are taught in Spanish and all reading materials are in Spanish.*

***Special Topics courses in Political Science must be approved by the Director.*

****The internship may include working with local, state or federal agencies that serve the local Hispanic communities.*

IB 356	Economic Development and International Geography
SPAN 466	Modern Spanish Literature*
SPAN 453	Spanish American Literature*

SPECIAL TOPICS COURSES OR FUTURE OFFERINGS

Include but are not limited to the following:

Liberation Theology

The Politics of Immigration

Social Movements Concerning Latin America

The United States and Latin American Relations

**CORE 146 is a prerequisite for these courses. Exception is by permission of the Foreign Language Chairperson on the basis of individual qualifications. Both courses are taught in Spanish and all reading material is in Spanish.*

Marketing

Dr. Joseph S. Falchek, Chairperson

The Bachelor's Degree Program in Marketing is designed to provide an understanding of business and marketing concepts within the context of a varied curriculum. The primary objective is the development of analytical and communication skills and a detailed understanding of the different aspects of the field of marketing. The Marketing Major is specifically intended to prepare students for entry-level positions in advertising, brand management, marketing research, retail management, fashion merchandising, and professional sales. In addition, through careful planning, a student who elects a major in Marketing may add a second major from a complementary area such as Accounting, Business Administration, Mass Communications, Economics, English, Computers and Information Systems, or Psychology, as well as other fields.

Education Requirements

REQUIRED CORE COURSES (9 CREDITS)

CORE 153	Principles of Economics: Macro
CORE 287	Business Ethics
MATH 121	Calculus I

BUSINESS FOUNDATIONS (33 CREDITS)

ECON 112	Principles of Economics: Micro
ECON 221	Quantitative Methods for Business and Economics
MSB 110	Introduction to Financial Reporting
MSB 120	Introduction to Management Control and Planning
MSB 130	Introduction to Computer Applications for Business
MSB 200	Principles of Management
MSB 210	Principles of Marketing
MSB 305	Organizational Behavior
MSB 320	Financial Management
MSB 330	Business Law I
MSB 480	Strategic Management

MAJOR REQUIREMENTS (19 CREDITS)

MKT 315	Consumer Behavior
MKT 450	Marketing Research
MKT 480	Marketing Management

MKT Electives (9 hours) Selected from the following:

MKT 320	Retail Management
MKT 325	Public Relations
MKT 330	Selling Strategies
MKT 350	Principles of Advertising
MKT 360	Strategic Advertising Campaigns
MKT 390	International Marketing
CARP 412	Career Planning II (1 credit)

ELECTIVES (18 CREDITS)

5 Elective Courses (15 credits) Students may select any course offered/accepted by the college, including non-business courses. Marketing majors are encouraged to participate in the Experiential Learning/Internship Program.

1 Elective Course (3 credits) Students **MUST** select a non-business course offered/accepted by the college, (which can include an additional CORE class), to fulfill this 3-credit requirement.

MINOR SEQUENCE REQUIREMENTS

(6 COURSES — 18 CREDITS)

Monitoring of student progress in pursuing a minor in Marketing is necessary to enhance the student learning experience. Students shall not earn credit for more than 15 hours in any designated course, or combination of courses, in Accounting, Business Administration, Finance, Health Care Administration, Human Resources Management, International Business, and Marketing without being declared as either a major or minor student of one of those programs, or being granted permission by the Director of The William G. McGowan School of Business. Therefore, a written declaration must be submitted by the student to the registrar.

ECON 112	Principles of Economics: Micro
MSB 130	Introduction to Computer Applications for Business
MSB 210	Principles of Marketing
MKT 315	Consumer Behavior

MKT Electives (6 hours) Selected from the following:

MKT 320	Retail Management
MKT 325	Public Relations
MKT 330	Selling Strategies
MKT 350	Principles of Advertising
MKT 360	Strategic Advertising Campaigns
MKT 390	International Marketing
MKT 450	Marketing Research
MKT 480	Marketing Management

All courses offered by the McGowan School of Business beyond the 200-level must be completed at King's College in order for the awarding of the B.S. degree or minor sequence in Marketing or for the fulfillment of any required course in any other degree or minor programs offered through the William G. McGowan School of Business unless permission is granted by the Department Chair in writing prior to the start of any coursework.

Course Descriptions

MSB 210 — Principles of Marketing (3)

An introduction to the field of marketing with particular emphasis on how companies develop marketing programs that are responsive to consumers' needs and wants for products and services. Prerequisite: MSB 130.

MKT 315 — Consumer Behavior (3)

A study of why consumers buy, and how consumer behavior affects marketing strategy formulation. Topics include the individual (perceptions, needs, motives, personality, learning, and attitudes), group interactions, and applications to selected areas of the marketing mix (product, price, advertising). Prerequisite: MSB 210.

MKT 320 — Retail Management (3)

The management of retail stores. Topics include consumer behavior, location, layout, personnel management, merchandise management, customer services, and financial control. Prerequisites: MKT 315 and MSB 210.

MKT 325 — Public Relations (3)

A survey of the importance of public relations in both the profit and non-profit sectors of the economy. The goals and methods of communication between a firm or institution and its publics such as customers, consumers, employees, stockholders, alumni, suppliers, and community are studied. Prerequisite: MSB 210.

MKT 330 — Selling Strategies (3)

A study of the role of personal selling in the promotional mix with an emphasis on the duties, responsibilities, and qualifications of sales representatives at the industrial level. Through role playing, students are required to apply the necessary steps involved in the selling process to a hypothetical sales presentation and demonstration. Prerequisite: MSB 210.

MKT 350 — Principles of Advertising (3)

The relation of advertising to modern business organizations and its role in the marketing field. Planning advertising, examination of various media, creating and managing advertising are included. Prerequisite: MSB 210.

MKT 360 — Strategic Advertising Campaigns (3)

Theory and application of creativity and strategy in an advertising campaign. All aspects of a campaign presentation are covered. Prerequisite: MKT 350 and MSB 210.

MKT 390 — International Marketing (3)

Introduction to multi-national marketing, with emphasis on: International competition; distribution systems; pricing and credit policies; promotional methods to include advertising; trade barriers; trade agreements; and the political, legal, cultural, ethical, and technological backgrounds. Prerequisites: IB 241 and MSB 210.

MKT 450 — Marketing Research (3)

The methodology of marketing research. Topics include problem formulation, determination of information sources, research design, data collection methods, sampling techniques, data collection, and analysis and interpretation of the data. Prerequisites: ECON 221, MKT 315 and MSB 210.

MKT 480 — Marketing Management (3)

A study of marketing problems of the firm through case studies. Emphasis is placed on the identification of problems and the choosing of appropriate alternative solutions. *Senior status required.* Prerequisites: ECON 221, MKT 315, MKT 450 and MSB 210.

MKT 490 — Independent Study in Marketing (3)

Advanced projects in a specialized area of Marketing under the supervision of a faculty member in the Marketing department. *Senior status required; open to juniors with permission of department chairperson.*

MKT 499 — Marketing Internship (3-6)

An option for junior and senior majors to gain practical related experience in the field. Regular sessions with a faculty coordinator required. *A minimum G.P.A. of 2.50 is required.*

Mass Communications/ Media Technologies

Dr. Anthony J. Mussari, Chairperson

The major program in Mass Communications/Media Technologies enables a student to study various aspects of mass media and new media. Students may concentrate their study in the new and exciting areas of visual communications, web design, desktop video, or mass media writing on the Internet as well as the more traditional areas like print journalism, radio and television production, advertising, public relations, graphic design, or still photography.

Education Requirements

MAJOR REQUIREMENTS

(9 COURSES — 27 CREDITS, PLUS PRACTICUM OR INTERNSHIP)

- COMM 211 Introduction to Mass Communications (3)
- COMM 212 Introduction to Photography I (3)
- COMM 231 Writing for Mass Communications (3)
- COMM 233 Graphics for Mass Communications (3)
- COMM 237 Mass Communications Law (3)
- COMM 493 Senior Seminar in Mass Communications (3)

Nine (9) credits COMM electives

One of the following:

1. COMM 496 Mass Communications Practicum (6)
Six (6) credits COMM electives
2. COMM 499 Mass Communications Internship (12)

MINOR SEQUENCE REQUIREMENTS

(7 COURSES — 21 CREDITS)

- COMM 211 Introduction to Mass Communications (3)
- COMM 212 Introduction to Photography I (3)
- COMM 231 Writing for Mass Communications (3)
- COMM 233 Graphics for Mass Communications (3)
- COMM 493 Senior Seminar in Mass Communications (3)

Six (6) credits COMM electives

Course Descriptions

COMM 211 — Introduction to Mass Communications (3)

The roles which mass communications play in today's society. Various theories, historical development and current practices of the mass media including objectivity, violence, censorship, and governmental and legal problems associated with each will be investigated.

Required of all majors and minors.

COMM 212 — Introduction to Photography I (3)

Fundamentals of Photography. Emphasis on the technical aspects: use of the camera; determination of proper exposure; lenses and filters; the processing of quality black and white negatives and prints. Students will be introduced to digital photography. 1 lecture and 2 laboratory hours.

COMM 231 — Writing for Mass Communications (3)

Elementary principles, methodology, and terminology used by the print and electronic media, public relations, and advertising, in preparing information for dissemination. Prerequisite: COMM 212.

COMM 233 — Graphics for Mass Communications (3)

A survey designed to illustrate how pictures and words are put into print. Basics of design, layout, typography, color, and the ethics of visual communications. Printing processes and production methods; current trends in illustration and reproduction; structure and characteristics of typefaces; principles of composition; proof reading and copyfitting will be discussed. Prerequisites: COMM 212, 231. 1 lecture and 2 lab hours.

COMM 237 — Mass Communications Law (3)

The legal and voluntary regulations governing mass communications in the United States. Emphasis on laws of libel, clash of free press and fair trial, broadcasting regulation, right of privacy, First Amendment, copyright.

The following are writing based courses in Communications:

COMM 321 — Broadcast News Writing I (3)

Theory and technique required for proper writing of hard news and features, used by the electronic media. The student will obtain an awareness and practical experience in writing news, gathering of local news, the broadcast interview, and processes associated with news-cast preparation. Prerequisite: COMM 231. 1 lecture and 2 lab hours.

COMM 322 — Broadcast News Writing II (3)

An opportunity to refine skills acquired in COMM 321. Students will be expected to produce a radio and TV newscast and multi-part series and cover campus and local events as reporters. Prerequisite: COMM 321. 1 lecture and 2 lab hours.

COMM 323 — Newspaper Reporting I (3)

Theories and skills used in compiling a newspaper story. Topics include a definition of news, sources of news, story structure, the lead and the interview. Students will be taught how to write various story types. Prerequisite: COMM 231. 1 lecture and 2 lab hours.

COMM 324 — Newspaper Reporting II (3)

Refining and mastering fundamental news reporting techniques. The writing of specialty material including: sports; business; crime, and politics. Prerequisites: COMM 323 *plus permission of department*. 1 lecture and 2 lab hours.

COMM 325 — Sports Communications (3)

Familiarization with the terminology and peculiarities associated with men's and women's athletics, the techniques of release and brochure preparation, conducting the press conference, preparation of program and promotion materials, budget preparation, broadcast remotes, creating and producing the sports feature, media-athletic and school-media relations. Prerequisite: COMM 211.

COMM 326 — Magazine Article Writing (3)

Theoretical and practical experience in idea selection, research methods, factual organization, writing and marketing of non-fiction articles. Students will be expected to submit articles for publication. 1 lecture and 2 lab hours.

COMM 331 — Critical Writing for the Mass Media (3)

Instruction and practice in those skills necessary for the writing of reviews and criticisms for the mass media. Students will gain theoretical and practical experience in criticizing books, films, the electronic media, and dramatic presentations. Prerequisite: COMM 231 *and/or permission of the department*. 1 lecture and 2 lab hours.

COMM 332 — Script Writing (3)

Theory and techniques necessary for successful scripting and writing of non-news programming. Comedy and drama will be stressed. Prerequisite: COMM 231 *or permission of department*. *Alternate year course*. 1 lecture and 2 lab hours.

COMM 333 — Media Writing on the Internet (3)

An advanced level writing-intensive course that puts students on-line to broaden their writing and reporting capabilities. The course includes ad copywriting as well as straight journalism. Media Writing on the Internet deploys the World Wide Web, e-mail and newsgroups as specific reporting tools that help writers in search of sources, story ideas and background. The course allows on-line collaboration with journalism students at other colleges and universities. Prerequisite: COMM 231. 1 lecture and 2 lab hours.

The following are Visual Communications (Desktop Publishing and Graphics) based courses in Communications:

COMM 341 — Introduction to PageMaker (3)

A desktop publishing course in computer graphics using Adobe PageMaker software in a Macintosh environment. Emphasis is on: designing communication vehicles using text and digitized images; typographic manipulation, master pages; text wraps; color basic; scanning; color printing. Prerequisite: COMM 233. 1 lecture and 2 lab hours.

COMM 342 — Introduction to QuarkXPress (3)

A desktop publishing course in computer graphics using QuarkXPress software in a Macintosh environment. Emphasis is on designing with text and images; importing graphics; palettes; typographic manipulation; color basics; scanning; color printing. Prerequisite: COMM 233. 1 lecture and 2 lab hours.

COMM 343 — Introduction to Photoshop (3)

An introductory level image manipulation course using Adobe Photoshop software in both a PC and Macintosh environment. Emphasis is on the digital manipulation, creative experimentation and production of computer generated images; image masking; color modes; filters and plug-ins; integration of Photoshop images into other desktop programs. Prerequisite: COMM 233. 1 lecture and 2 lab hours.

COMM 344 — Introduction to Adobe Illustrator (3)

An advanced level desktop publishing course using Adobe Illustrator software in a Macintosh environment. Emphasis is on drawing paths; painting; layering objects; type creation and manipulation; using blends and gradients; graphs; color printing; color separations. Prerequisite: COMM 233. 1 lecture and 2 lab hours.

COMM 345 — Advanced Desktop Publishing (3)

An advanced level desktop publishing course in computer graphics using a range of page composition, typographic, illustration and photo manipulation software in a Macintosh environment. Emphasis is on the design and production of advanced communication vehicles using style sheets, templates, advanced typographic effects, trapping. Prerequisite: COMM 341 or 342. 1 lecture and 2 lab hours.

COMM 348 — Design History and Philosophy (3)

This survey course investigates the continuum that emerges in the historical and philosophical evolution of graphic design and explores a conceptual overview. Primary emphasis is on the semantic and syntactic aspects of graphic design garnered from the study of individual designers and art movement germane to graphic communications, the canon and individual masterworks of graphic design, dialog by graphic designers and technology. 1 lecture and 2 lab hours.

COMM 349 — Portfolio Development (3)

An advanced level visual communications course designed to facilitate the preparation of high quality portfolio pieces for student admission into graduate school or student entry into the creative realms of the work force. Emphasis is on: portfolio requirements, practices and pitfalls; creating a generalist portfolio or tightly specified book; the critique process; the interview process. *Junior or Senior status only.* Prerequisite: COMM 233. 1 lecture and 2 lab hours.

The following are radio & TV production based courses in Communications:**COMM 351 — Radio Production I (3)**

Basic production concepts of radio as a medium of communication. Strong emphasis on the creation and production of a variety of radio program types. The student will have the opportunity to gain “hands-on” equipment experience in the College’s audio production facilities. Prerequisite: COMM 231. 1 lecture and 2 lab hours.

COMM 352 — Advanced Radio Production (3)

An expanded look at the practices and procedures employed in creative audio production. Through extensive use of audio equipment, the student will have the opportunity to put theory into practice in the creation of several audio presentations. Prerequisite: COMM 351. 1 lecture and 2 lab hours.

COMM 353 — Introduction to TV Production (3)

This course will provide a student with an opportunity to become familiar with both traditional and computer based studio and location television production techniques. Working in a team environment, students will learn the purpose and operation of both analog and digital video equipment, the studio camera and TelePrompTer, the production switcher, the waveform monitor, the vectorscope, the TBC, the importance and use of color bars, computer based editing and various lighting techniques. Instruction will focus on the importance of pre-production planning, script writing and the construction of a visual essay. Prerequisite: COMM 231. 1 lecture and 2 lab hours.

COMM 354 — Advanced Television & Desktop Video (3)

Working in a team environment, students will be expected to function like members of a video production company. They will design products for clients and will write, produce, edit and present both studio and field productions. Students will be instructed in ad-

vanced production techniques including: sound mixing; advanced lighting techniques; basic engineering functions like how to phase a multi-camera setup using color bars; how to time the digital editor; how to use color bars to guarantee the integrity of a video signal; how to plan for a location shoot. Prerequisite: COMM 353. 1 lecture and 2 lab hours.

COMM 355 — Advanced Video Editing

An advanced level video editing course that puts the student in a broadcast video editing suite. The course includes both analog and digital editing techniques. Working in a team environment, students will be taught how to create effective visual essays for news, public affairs and documentaries. Students will incorporate a number of techniques in their final projects including image processing, character generation, visual effects, a/b role edits, audio editing and animation. Prerequisites: COMM 353, 354, *and/or special permission of the Department Chairperson*. 1 lecture and 2 lab hours.

The following are broadcast based courses in Communications:

COMM 361 — Radio & Television Announcing (3)

Principles and techniques employed by the professional radio and television announcer. The student is given the opportunity to put classroom learning into practice via controlled laboratory exercises making use of the College's television and audio production facilities. Prerequisite: COMM 231. 1 lecture and 2 lab hours.

COMM 362 — Broadcast Performance (3)

Advanced study and practice in the performance techniques for radio and television. Emphasis is placed on the effective translation of written material to the spoken word. Specific methods for the improvement in the techniques demanded in remote reporting, interviewing, narration, commercial/public service announcements, as well as news, weather and sports reporting. Prerequisite: COMM 361 *or special permission of the Department Chairperson*. 1 lecture and 2 lab hours.

COMM 363 — Radio & Television Advertising (3)

Principles of successful radio and television advertising. Attention to planning the campaign, advantages and disadvantages of radio and television as advertising media, preparation of commercial copy, product and media research, and creative audio and video production. Prerequisite: COMM 211, 351 or 353, *or special permission of the Department Chairperson*.

COMM 364 — Radio & Television Programming (3)

Investigation and analysis of radio and television programming philosophies, techniques and formats practiced by both the public and commercial broadcasting sectors. Prerequisite: COMM 211, 351 or 353 *or special permission of the Department Chairperson*.

COMM 365 — Broadcast Management (3)

Administrative principles and procedures as they apply to the radio and television industry. Practical problems of management: staffing, sales, ratings, government regulation, license renewal and engineering requirements will be considered. Prerequisite: COMM 211, 351 or 353 and *special permission of the Department Chairperson*.

The following are multimedia design based courses in Communications:

COMM 366 — Multimedia in the Workplace 2000 (3)

An advanced level course designed to introduce students to the emerging field of multimedia technology. Working in a team environment, students will be shown how to construct

a computer-generated presentation that incorporates graphic images, sounds, video and animation. Hyperstudio, Power Point and Director are but three of the multimedia editing, enhancing and authorizing packages that students will work with to refine their communications skills for the Workplace 2000. Prerequisites: COMM 231, 233, 341 or 342, and 353. 1 lecture and 2 lab hours.

COMM 367 — Macromedia Director (3)

Designed to introduce students to the most widely used multimedia authoring tool. This advanced level media technologies course will help students understand how to produce CD-ROM titles, interactive presentations, demonstrations kiosks, and computer simulations. Students will be exposed to the process of developing interactive projects which incorporate video, sound, animation, text, and graphics. Prerequisite: COMM 366. The following are specialized courses in Communications:

COMM 381 — History and Theory of Film (3)

Development of film from early productions to the modern full-length feature film. Students view and analyze the works of selected filmmakers and explore how theories of film become realities in particular productions.

COMM 382 — Photography II (3)

Practice and refinement of the techniques introduced in COMM 212. Through the selection of a photographic project, the student is able to broaden his range of black & white photographic competency while learning the practical applications of presenting visual material from other areas of interest. Prerequisite: COMM 212. 1 lecture and 2 lab hours.

COMM 391 — Special Topics in Communications (3)

Designed to offer students the opportunity to pursue specialized areas of communications research and/or production. It also enables students who meet certain requirements to design practical experience courses. Several of our web-based courses are offered under this sequence. Examples of these courses include: Graphic Design on the Web; The Art of Building a Web Page; Dreamweaver; Flash; Tools for Web Design; and Authorware. *Must be approved by both the Department Chairperson and the instructor.*

COMM 493 — Senior Seminar in Mass Communications (3)

The senior level assessment course in Mass Communications. Students work in a team environment. Concentration on the various themes that comprise a general study of mass media's impact on the quality of human society. Majors will be required to show superior performance in 1) researching a topic beyond its current level of understanding; 2) presenting said topic within the seminar format; 3) telling a story and critical thinking. *Open to Mass Communications Majors and Minors only.* Prerequisite: Senior class status.

COMM 496 — Mass Communications Practicum (6)

Required for completion of a Mass Communications/Media Technologies degree, unless the student desires and qualifies for a Mass Communications Internship. A Practicum is the equivalent of an "on-campus internship." Students must complete a project from one of the following areas: visual communications; web design; print journalism; video production; radio production; photography or web design. Evaluation will be based upon the methodology used to complete the project as well as the artistic quality, technical competency, the ability to work in teams, team presentation and the marketability of the final product. *Approval of the Department Chairperson is required.* Prerequisites: Senior class status and successful completion of twenty-four credits of Mass Communication courses.

COMM 499 — Mass Communications Internship (12)

An option for senior majors. A full semester field experience designed to give the exceptional student the opportunity to acquire additional experience while working with practicing professionals. Students may choose from the following areas: graphic design; web construction or design; print journalism; broadcast journalism; media promotion; media production; advertising and/or public relations. Daily field work plus arranged meetings. *Open only to senior Mass Communications majors who meet specified requirements. Approval of Department Chairperson required.*

Mathematics

Dr. Anthony D. Berard, Jr., Chairperson

The aim of the Mathematics Department is to provide students with a sound background in both pure and applied mathematics, while inculcating a respect for objective reasoning, clear ideas, and precise expression (elements which truly characterize a liberal arts education). Our goal is to make students sophisticated in the way they think and in the way they approach problems. This heightened sophistication should extend beyond the boundaries of mathematics into other areas.

The Mathematics Department provides 1) a thorough undergraduate training in mathematics for those desiring mathematical careers in education, research, industry, and government, and 2) courses for those who wish to follow a limited program in mathematics.

The student majoring in mathematics receives the Bachelor of Arts degree. Double major and major-minor options are available to students in conjunction with chemistry, computers and information systems, computer science, biology, economics, and other disciplines. Interested students should consult with the department chairperson for specific information.

Education Requirements

MAJOR REQUIREMENTS

(19-20 COURSES — 57-60 CREDITS)

CS 115	Introduction to Computer Science with JAVA (3)
CS 235	Discrete Mathematics (3)
MATH 127	Logic and Axiomatics (3)
MATH 129	Analytic Geometry and Calculus I (4)
MATH 130	Analytic Geometry and Calculus II (4)
MATH 231	Analytic Geometry and Calculus III (4)
MATH 250	Linear Algebra (4)
MATH 367	Real Analysis I (3)
MATH 425	Abstract Algebra (3)
MATH 490	Junior Seminar (1)

In addition, one of the following tracks:

1. **Graduate School:**

Five MATH elective courses numbered 361 or higher

2. **Industry or Government:**

MATH 361 Probability and Statistics (3)

MATH 362 Statistics (3)

MATH 363 Mathematical Modeling (3)

MATH 416 Real Analysis II (3)

One additional MATH elective course numbered 361 or higher. Also recommended CORE 153 (The Principles of Economics: Macro Economics) in the CORE sequence.

3. **Secondary Teaching:**

MATH 236 College Geometry (3)

MATH 361 Probability and Statistics (3)

Two MATH elective courses numbered 362 or higher

Required Education courses for Teacher Certification

And in addition, for each track the following science requirements:

Either:

PHYS 111 General Physics I (3) and

PHYS 112 General Physics II (3)

Or:

CHEM 113 General Chemistry I (3) and

CHEM 114 General Chemistry II (3)

And two cognate courses approved by major advisor.

MINOR REQUIREMENTS

(6 COURSES)

One of the following

MATH 127 Logic and Axiomatics (3) or

MATH 130 Analytic Geometry and Calculus II (4)

And five (5) MATH elective courses approved by the department chairperson.

Course Descriptions

MATH 101 — Theory of Arithmetic for Elementary Education (3)

Procedures of arithmetic computation will be developed using inductive and deductive reasoning. Topics include numeration systems, whole numbers, integers, rational numbers, and number theory. Word problems will be stressed.

MATH 102 — Algebra and Geometry for Elementary Education (3)

Topics include real numbers and their properties, equations and inequalities, elementary functions and their graphs, polygons, circles, three-dimensional shapes, congruent and similar triangles, the Pythagorean Theorem, perimeter, area, and volume. Word problems will be stressed.

MATH 111 — Basic Algebra (3)

Topics include real numbers and their properties; operations with signed numbers; operations with polynomials; special products and factoring; operations with fractions; equation solving (linear, quadratic, fractional, and radical); operations with exponents and radicals. Verbal problems are considered throughout the course. *Closed to non-freshman mathematics majors and students who have taken MATH courses numbered 121 and above.*

MATH 121 — Calculus I (3)

Topics include algebra review; equations and inequalities; polynomial and rational functions; limits; continuity; derivatives; exponential and logarithmic functions; continuous interest; maxima and minima problems. Business applications emphasized. *Closed to non-freshman mathematics majors.*

MATH 122 — Calculus II (3)

Topics include graphing techniques, antiderivatives; the definite integral; area between curves; derivatives and integrals involving exponential and logarithmic functions; growth and decay problems. Business applications emphasized. Prerequisite: MATH 121 or equivalent.

MATH 124 — Probability and Statistics for Education Majors (3)

Topics include: measures of central tendency and dispersion, percentiles, the normal distribution, graphical representation of data, probability, and simulations. Course includes use of technology. Education applications are emphasized. *Closed to mathematics majors as*

well as students who have taken or who are currently taking ECON 221, MATH 126, MATH 128, PSYC 331, or SOCS 261.

MATH 125 — Calculus (4)

Topics include: equations and inequalities; polynomial, rational, exponential, logarithmic, and trigonometric functions; limits, continuity; derivatives; graphs; maxima and minima problems; growth and decay problems; antiderivatives; the definite integral; basic integration techniques; area between curves. Biological applications emphasized. *Closed to non-freshmen mathematics majors.*

MATH 126 — Introduction to Statistics (3)

Basic methods of data analysis. Topics include displaying data graphically; measures of central tendency; measures of variability; general laws of probability; normal, t, and chi-square distributions; sampling distributions; confidence intervals; hypothesis testing; two-way tables; use of statistical software. Closed to non-freshmen mathematics majors as well as students who have taken or who are currently taking MATH 124, MATH 128, ECON 221, PSYC 331, or SOCS 261

MATH 127 — Logic and Axiomatics (3)

Topics include logic; inductive and deductive reasoning; direct and indirect proofs; proof by counter-example; set theory; axiom systems; consistency and independence of axiom systems; axiom system design.

MATH 128 — Introduction to Statistics, Data Analysis, and Applications to Life Science (4)

Basic methods of data analysis. Topics include displaying data graphically; measures of central tendency; measures of variability; general laws of probability; normal, t, chi-square, and F distributions; sampling distributions; confidence intervals; hypothesis testing; analysis of variance; two-way tables; non-parametric statistics; use of statistical software. Biological applications are emphasized. Three 50-minute lectures and one 75-minute lab per week. Closed to non-freshmen mathematics majors as well as students who have taken or who are currently taking MATH 124, MATH 126, ECON 221, PSYC 331, or SOCS 261

MATH 129 — Analytic Geometry and Calculus I (4)

The first calculus course in a three-course sequence. Intended primarily for chemistry, computer science, or mathematics majors. Topics include equations; inequalities; analytic geometry; trigonometric functions; limits; continuity; derivatives; differentials; maxima and minima problems; graphing techniques; the definite integral.

MATH 130 — Analytic Geometry and Calculus II (4)

Topics include exponential and logarithmic functions; applications of the definite integral; techniques of integration; improper integrals; indeterminate forms; sequences; series. Prerequisite: MATH 129 *or the approval of the department chairperson.*

MATH 210 — Elementary Mathematics Methods (3)

This course covers the special techniques needed to present mathematics to the elementary students (grades 1 through 6) in a way that will challenge them without frustrating them. It is designed to challenge the elementary teacher to reach all elementary students in order to provide the substantial quantitative foundations that students need in a technologically oriented society.

MATH 220 — Secondary Mathematics Methods (3)

This course deals with educational perspectives, which pertain to the teaching of mathematics at the secondary level (grades 7 through 12). Topics of discussion include recommendations by the National Council of Teachers of Mathematics (NCTM) regarding instructional methods, state standards for mathematics curricula, assessment techniques, curricular issues, and the appropriate use of technology in the classroom. Students will be expected to complete a field-based experience. *Alternate years: offered Fall 2004.*

MATH 231 — Analytic Geometry and Calculus III (4)

Topics include polar coordinates; parametric equations; conics; solid analytic geometry; vectors; partial differentiation; multiple integration; vector fields; line integrals; Green's Theorem. Prerequisite: MATH 130 *or the approval of the department chairperson.*

MATH 236 — College Geometry (3)

An introduction to both Euclidean and non-Euclidean geometry. Topics include construction; synthetic and coordinate proof; triangles and polygons; circles and spheres; similarity; area and volume. Geometer's Sketchpad and historical figures in the history of geometry are emphasized. Prerequisite: high school plane geometry. *Alternate years: offered Spring 2006.*

MATH 237 — Mathematics for the Physical Sciences I (2)

Topics include calculus beyond Math 125, an introduction to linear algebra, including: systems of linear equations, matrices, and determinants; differential equations; and use of multivariable functions. The emphasis is on the applications to physical systems. Prerequisite: MATH 125 *or the approval of the department chairperson.*

MATH 238 — Mathematics for the Physical Sciences II (3)

Topics include calculus beyond Math 125, linear transformations, eigenvalues and eigenvectors, systems of differential equations, the Laplace transform, and the Fourier transform. The emphasis is on the applications to physical systems. Prerequisite: MATH 237.

MATH 250 — Linear Algebra (4)

Topics include vector spaces; linear transformations; matrices; systems of linear equations; determinants; eigenvectors and eigenvalues. Computers are used both computationally and graphically. Prerequisite: MATH 231 *or permission of department chairperson.*

MATH 361 — Probability and Statistics (3)

Topics include events; laws of probability; discrete and continuous random variables; measures of central tendency; measures of variability; properties of expectation; independence; multivariate distributions; sampling distributions; central limit theorem; large sample statistical inference. Prerequisite: MATH 231. *Alternate years: offered Fall 2005*

MATH 362 — Statistics (3)

Topics include functions of random variables; sampling theory; methods of estimation; properties of estimators; hypothesis testing; correlation and simple linear regression; elementary design of experiments; analysis of variance; analysis of categorical data; non-parametric statistics. Prerequisite: MATH 361. *Alternate years: offered Spring 2006*

MATH 363 — Mathematical Modeling (3)

Topics in game theory include: games with perfect information; Nash equilibrium, mixed strategy equilibrium, Bayesian games; games with imperfect information; repeated games. Topics in curve fitting include: curve fitting with polynomials; Hermite method, Lagrange

method, least-squares method; interpolation with piecewise polynomial functions; curve fitting with splines; smoothing techniques. Prerequisite: Math 130. *Alternate years: offered Fall 2004*

MATH 367 — Real Analysis I (3)

The first of a two-semester sequence in real analysis. Emphasis is on theory and rigor. Topics include limits; continuity; uniform continuity; the intermediate value theorem; mean value theorems; the Heine-Borel theorem; the Bolzano-Weierstrass theorem; nested intervals; the Cauchy criterion; derivatives; differentials; the Riemann integral. Prerequisite: MATH 231.

Topics include infinite series; uniform convergence of infinite series and sequences; power series; Maclaurin series; Taylor series; generalized Fourier series; the Sturm-Liouville theorem; the eigenfunction technique for solving partial differential equations. Prerequisite: MATH 367. *Alternate years: offered Spring 2005*

MATH 418 — Topology (3)

Elementary definitions, examples, counterexamples, and theorems of point set topology. Emphasis on students presenting proofs in class. Topics include topologies and topological spaces; functions; mappings; homeomorphisms; connected spaces; compact spaces; separation axioms; metric spaces; quotient spaces; product spaces. Prerequisite: MATH 367. 4 hours per week. *Alternate years: offered Spring 2006*

MATH 420 — Complex Variables (3)

Topics include complex numbers; geometry of the complex plane; functions and mappings; the Cauchy-Riemann equations; harmonic functions; the line integral; the Cauchy integral formula; Laurent series; theory of residues; conformal mapping. Prerequisite: MATH 367. *Alternate years: offered Spring 2005*

MATH 425 — Abstract Algebra (3)

Emphasis on students formulating and testing their own conjectures. Topics include groups; cyclic groups; subgroups; direct products; cosets; normal subgroups; quotient groups; homomorphisms; rings; subrings; ideals; ring homomorphisms; fields. *Approval of the department chairperson is required.*

MATH 490 — Junior Seminar (1)

Students rework and refine the small axiom system that they designed in Math 127 (Logic and Axiomatics). The axiom system is then presented to the students and faculty of the mathematics department during the presentation phase of the seminar. Students are also strongly encouraged to present their systems at local Mathematical Association of America meetings and in other such forums. Prerequisite: MATH 127

MATH 491 — Topics in Mathematics (3)

A special studies course. Past topics have included number theory; transfinite theory; probability theory; partial differential equations; problems in applied mathematics. Lebesgue integration and measure theory; calculus on manifolds; linear programming; advanced linear algebra; mathematical modeling. *Approval of the department chairperson is required.*

MATH 497 — Independent Study in Mathematics (3)

Advanced work in areas of mathematics under the supervision of a Department Mentor. *Open to Junior and Senior math majors. Approval of the department chairperson is required.*

Neuroscience

Dr. Joan M. Coffin, Director

The Neuroscience major at King's College emphasizes a collaborative and interdisciplinary approach to understanding the complex neural mechanisms involved in the control of human or animal behavior. The major provides students with a broadly based yet integrated education focused on the relationship between behavior and biology at multiple levels. The Neuroscience major requires courses in introductory biology, chemistry, psychology, organic chemistry, statistics, and a survey of neuroscience. Students then select a number of more advanced psychology and biology courses as electives, allowing them to focus on the area of neuroscience that is of most interest. Students receive laboratory experience to help them develop scientific process skills (i.e., critical thinking, and writing). All students engage in original research under the supervision of a faculty member. Students completing the major will have an interdisciplinary scientific background from which to pursue their individual interests in the neurosciences.

The Neuroscience major is recommended for students who are considering post-graduate careers in neurobiology, neuroscience, experimental psychology, pharmaceutical research, and medicine. A minor in Neuroscience is available for those students with a primary interest in biology, psychology, or other related disciplines, and who are interested in an introduction to the neural substrates of both normal and abnormal patterns of behavior.

Education Requirements

MAJOR REQUIREMENTS

(19 COURSES — 63-69 CREDITS)

BIOL 111	General Biology I (4)
BIOL 112	General Biology II (4)
CHEM 113	General Chemistry I (4)
CHEM 114	General Chemistry II (4)
CHEM 241	Organic Chemistry I (4)
CHEM 242	Organic Chemistry II (4)
CS 101	Computing Skills: Sciences I (1)
MATH 125	Calculus (4)
MATH 126	Introduction to Statistics and Data Analysis (4)
NEUR 211	Neuroscience I (3)
NEUR 212	Neuroscience II (3)
NEUR 310	Research Methods in Neuroscience (3)
NEUR 480	Senior Seminar (3)

In addition to the major sequence requirements, a Neuroscience Major must also complete six elective courses from the following list:

BIOL 221	Anatomy and Physiology I (4)
BIOL 222	Anatomy and Physiology II (4)
BIOL 223	Genetics (4)
BIOL 224	Biochemistry (4)

BIOL 326	Immunology (4)
BIOL 336	Cell Biology (4)
BIOL 447	Physiology (4)
BIOL 448	Microbiology (4)
BIOL 450	Molecular Genetics: DNA Science (4)
BIOL 451	Molecular Genetics: RNA Science (4)
NEUR 341	Neuroanatomy (3)
NEUR 342	Drugs and Behavior (3)
NEUR 343	Hormones and Behavior (3)
NEUR 345	Biology of Mental Illness (3)
NEUR 346	Psychopharmacology (3)
NEUR 348	Sensation and Perception (3)
NEUR 349	Animal Behavior (4)
NEUR 390	Special Topics in Neuroscience (3)
NEUR 490/1	Neuroscience Research (3)
PSYC 339	Theories of Learning (3)
PSYC 351	Psychopathology (3)
PHYS 111	General Physics I (4)
PHYS 112	General Physics II (4)

In preparation for graduate or professional school, Pre-Healing Arts students should complete the two-semester sequence in Physics.

MINOR REQUIREMENTS — NEUROSCIENCE

(6 COURSES — 20 CREDITS)

BIOL 111	General Biology I (4)
BIOL 112	General Biology II (4)
	OR
CHEM 113	General Chemistry I (4)
CHEM 114	General Chemistry II (4)
	AND
NEUR 211	Neuroscience I (3)
NEUR 212	Neuroscience II (3)

One NEUROSCIENCE elective and one additional elective from Natural Science.

Course Descriptions

NEUR 211 — Neuroscience I (3)

Introduction to the biological basis of behavior. Emphasis is placed on an understanding of the neural substrates that underlie human behavior. Topics include neuroanatomy and neural communication; alterations in neurochemistry due to drug interactions; sensation and perception; movement and disorders of movement; biology of mood disorders, schizophrenia, and autism.

NEUR 212 — Neuroscience II (3)

Topics include regulations of internal body states; hormones and behavior; emotional behavior and stress; neural substrates of learning and memory, including pathologies associated with dementia; biological basis of language; introduction to human neuropsychol-

ogy. This course includes the Neuroscience Program's sophomore/junior diagnostic project. Students will present a written and oral report on an area of nervous system pathology. Prerequisite: NEUR 211.

NEUR 300 — Research Experience (1 to 3)

An opportunity for a student to engage in faculty-directed research in Neuroscience. Sophomore standing required and permission of a supervising department faculty member are required for the full 3-credit option. Students who have not obtained junior status may earn 1 or 2 credits. Each credit hour represents a three-hour commitment per week. Prerequisite/co-requisite: NEUR 211.

NEUR 310 — Research Methods in Neuroscience (3)

This course is designed to familiarize the student with current research methods in Neuroscience as a preliminary step in designing an individual research project. Emphasis will be placed on experimental design, data collection and analysis of results, and the use of APA format in reporting research. Students will choose an area of investigation, complete a literature review of the topic, and design a research project to be completed in the final semester of their senior year. *To be taken in the fall semester of the senior year.*

NEUR 341 — Neuroanatomy (3)

The neuroanatomy course provides a broad overview of the structure and function of the central nervous system, with a principal focus on issues relevant to clinical neurology. Students will learn to identify the major features of the brain and spinal cord and to understand the structural and functional relationships between these structures and to apply this knowledge to the clinical situation.

NEUR 342 — Drugs and Behavior (3)

Drug abuse is our nation's number one health and social problem. In this course, we will examine the use and abuse of drugs from many perspectives: social, legal, medical, pharmacological and psychological. Beginning with a basic coverage of how the brain controls behavior, we will look at how drugs interact with the brain to have such powerful effects on behavior. Topics will include the medical use of drugs (including over-the-counter and psycho-therapeutic drugs), the illegal abuse of drugs like heroin and cocaine, and the use and abuse of non-drugs like caffeine, nicotine and alcohol. *Cross-listed as PSYC 342.*

NEUR 343 — Hormones and Behavior (3)

This course will provide an overview of the anatomy and physiology of endocrine systems, brief outline of the chemistry of hormones, and the cellular and molecular features of hormone action. We will then examine a number of behaviors and their regulation by hormones. Much of this course will focus on the role of reproductive hormones (e.g. testosterone, estrogen and progesterone) in regulating sexual differentiation and reproductive related behaviors.

NEUR 345 — Biology of Mental Illness (3)

This course is designed to give the student an understanding of the various theories that focus on the biological causes of a number of mental illnesses including: major depression, bipolar disorder, anxiety disorders, and schizophrenia. A major part of the course will be focused on how the current medications work and what we can learn about the possible cause of the illness based on this information.

NEUR 346 — Psychopharmacology (3)

This course surveys what is currently known about the neurobiology of psychiatric disorders and the use of psychoactive drugs to treat them. Starting with the basics of the brain/behavior relationship and principles of pharmacology, we will cover the symptoms and treatment of the affective disorders, anxiety disorders and the schizophrenias, among others. Also included will be the psychological aspects and pharmacotherapy of the neurodegenerative disorders like Parkinson's disease, Huntington's chorea and Alzheimer's disease. Prerequisite: NEUR 211. *Cross-listed as PSYC 346.*

NEUR 348 — Sensation and Perception (3)

This course deals with how we construct a conception of physical reality from sensory experience. While the primary focus will be on vision and hearing, the chemical senses (taste and smell) the somatosenses (touch, temperature and vibration) will also be addressed. We will cover the anatomy and physiology of the various sensory receptors, the neural mechanisms of sensation, sensory representation in the brain, as well as the phenomenological experience of perception. Topics will include the ways in which illusions can fool our senses and what they tell us about how our sensory systems work. *Cross-listed as PSYC 348.*

NEUR 349 — Animal Behavior (4)

The study of behavior has become complex, requiring knowledge in more than one discipline. In this class students will learn about animal behavior from a physiological, developmental, functional, and evolutionary perspective. Areas of concentration will include behavioral genetics, communication, behavioral endocrinology, altruism, neurobiology, social behavior, sexual behavior, parental care, and human behavior. Lab activities will include both laboratory study and field work. Prerequisites: NEUR 211.

NEUR 390 — Special Topics in Neuroscience (3)

A course offered periodically, in an area of expertise by a member of the Neuroscience faculty. The course will concentrate on a topical area such as the neural substrates of learning and memory, neurodegenerative disorders, and neuropsychology. *Junior standing.* Prerequisite: NEUR 212.

NEUR 395 — Supervised Readings (3)

A course designed for students who want to review psychological literature in an area of their choice, under the supervision of a neuroscience faculty member. Generally, this will allow students to either become more familiar with an area covered in existing courses; or explore fields of neuroscience that are not part of existing curricula. This course is not designed as a substitute for taking of existing courses in the regular manner. Pass/Fail option may be required at the discretion of the instructor. Prerequisites: *Junior standing and 12 credits in Neuroscience or permission of the department.*

NEUR 430 — Independent Research (3)

An opportunity for a student to engage in independent research in a specific area of Neuroscience. *Junior or senior status required, and permission of a supervising department faculty member.* Prerequisites: NEUR 212.

NEUR 480 — Senior Seminar (3)

The senior seminar is the Neuroscience Program's Senior Integrated Assessment course. Students will engage in original research in a specific area of Neuroscience. The research

project will be under the direction of a faculty member, and will include a written thesis and oral presentation. *To be taken in the spring semester of the senior year.*

NEUR 490/491 — Advanced Cognitive/Behavioral Neuroscience Research (3)

Students will engage in research under the direction of a faculty member, and will include a thesis and oral presentation. *To be taken in the spring semester of the junior year or in the senior year.*

NEUR 499 — Neuroscience Internship

Approval of the program Director is required. A minimum G.P.A. of 2.40 is required.

Philosophy

Dr. Gregory Bassham, Chairperson

Philosophy as an academic discipline, is nothing less than a thorough, systematic attempt to understand who we are, what we know of ourselves, and what we can hope to become. Thus, the study of philosophy is an exploration of basic insights into fundamental truths about the human condition.

Students who are drawn to philosophy are typically individuals who wish to build a more solid foundation upon which to base their thinking. They are not satisfied with simplistic answers to fundamental questions and they prefer to explore challenging questions about basic beliefs that play a central role in their lives.

Although philosophy is certainly a discipline that is worthy of study for its own sake, the unprejudiced, critical habit of mind that this discipline imparts has important practical consequences. It meets the demand in the various professions such as business, government, law, and theology for men and women who have been exposed to a careful scrutiny of conflicting ideals and world views; and who, through their training in critical thinking and analysis, can provide better, more thoughtful solutions to the many problems facing our contemporary world.

Education Requirements

MAJOR REQUIREMENTS

(10 COURSES — 30 CREDITS)

- CORE 280 Fundamentals of Philosophy (3) and
 CORE 286 Introduction to Philosophical Ethics (3) or
 Honors 280 Philosophy I (3) and
 Honors 281 Philosophy II (3)
 and
 PHIL 351 Ancient and Medieval Philosophy (3)
 PHIL 352 Modern and Contemporary Philosophy (3)
 PHIL 473 Metaphysics (3)
 PHIL 477 Philosophy of Knowledge (3)
 PHIL 482 Senior Capstone Thesis (3)
 Nine (9) additional philosophy credits

MINOR REQUIREMENTS

(6 COURSES — 18 CREDITS)

CORE 280 (3) and at least one other course in the 280 series or
 Honors 280 and Honors 281

One of the following:

- PHIL 351 Ancient and Medieval Philosophy (3)
 PHIL 352 Modern and Contemporary Philosophy (3)

One of the following:

- PHIL 473 Metaphysics (3)
 PHIL 477 Philosophy of Knowledge (3)

Six (6) additional philosophy credits

Course Descriptions

PHIL 351 — Ancient and Medieval Philosophy (3)

An historical survey of the key thinkers in the Western philosophical tradition from Thales, the first Western philosopher, to William of Ockham, a late medieval philosopher.

PHIL 352 — Modern and Contemporary Philosophy (3)

An historical survey of the key thinkers in the Western philosophical tradition from Descartes, the founder of modern philosophy, to recent and current philosophers such as Wittgenstein, Sartre and Quine.

PHIL 361 — Existentialism and Phenomenology (3)

An introduction to a style of philosophizing known as existentialism by focusing on the works of those writers usually classified as existentialists such as Kierkegaard, Jaspers, Nietzsche, Heidegger, Marcel, Buber, Sartre and Camus. Topics covered include the nature of the self, authentic existence, the role of the emotions in the search for truth, the nature of commitment, the relation between morality and religion, the place of death in life, and the meaning of life. Phenomenology, a method of philosophizing, will also be studied, particularly as it is applied to such topics as the nature of the self, self-evasion, hypocrisy, authenticity and moral ambiguity.

PHIL 371 — American Philosophy (3)

A survey of the chief philosophical movements in the United States and the individual thinkers associated with them. Pragmatism, Transcendentalism, the Idealist Tradition, Realism and Naturalism, and the Philosophy of Science are stressed. The following thinkers receive special emphasis: Peirce, James, Dewey, Mead, Emerson, Royce, Santayana, Buchler, Nagel, Putnam, Goodman and Rorty.

PHIL 373 — Contemporary Continental Philosophy (3)

A survey of the major movements and figures in twentieth-century continental philosophy. Among the major figures treated are Kierkegaard, Nietzsche, Husserl, Sartre, Jaspers, Merleau-Ponty, and Derrida.

PHIL 470 — Ethics and Values Seminar (3)

Seminar which considers current issues in ethics and values with particular emphasis on how they relate to public and professional life. *Cross-listed as THEO 470.*

PHIL 471 — Philosophy of Science (3)

An introduction to the fundamental issues encountered in the attempt to understand the nature and significance of the scientific enterprise, through a historical survey of its most influential theories and methods. Topics include the origins of science, ancient science, the Copernican Revolution, the experimental and mathematical methods, the Darwinian Revolution, and the rise of the social sciences.

PHIL 472 — Philosophy of Art (3)

Aesthetics is the branch of philosophy that studies the nature of the beauty and art and the human experience of beauty and art. Questions considered include: What is art? What difference is there between high art and pop cultural art? What is an artist? What role should artistic intention play in the interpretation and evaluation of artworks? What is beauty? Is beauty in the eye of the beholder, differing with the individual and the culture, or are there universal standards by which to judge beauty? Why and how do we react

emotionally to art and beauty? Areas of art and beauty to consider include: painting, sculpture, music, literature, film, food, jokes, nature, and the human form. The questions of aesthetics are grounded in the work of classic philosophers such as Plato, Aristotle, Kant, and Nietzsche. Contemporary philosophers continuing the dialogue in aesthetics include Carroll, Cohen, Danto, Dickie, Kivy, Korsmeyer, Levinson, and Walton.

PHIL 473 — Metaphysics (3)

An introduction to the nature of existence, this course presents a critical, rational study of the different kinds of being and the various ways in which an entity may be said meaningfully to exist. Topics include the nature of ideas and their relation to the external world, the nature of space and time, freedom of the will, the existence and nature of the Supreme Being, and the question of immortality and the afterlife. Underlying these studies is an attempt to fathom the ultimate meaning and purpose of the cosmos and the place of humanity in the cosmos.

PHIL 474 — Philosophy of Law (3)

An introduction to the philosophy of law designed to introduce students to central philosophical problems in the law, primarily through the reading of constitutional cases. Topics include legal reasoning, freedom of speech, freedom of religion, privacy, racial and gender discrimination, the nature and justification of punishment, the death penalty, and legal ethics.

PHIL 477 — Philosophy of Knowledge (3)

An historical and analytical examination of the problem of knowledge. The course begins with the study of antiquity's pursuit of a standard of truth. It examines, briefly, theories of knowledge developed in the medieval synthesis. It then traces the development of epistemology as it evolved in the turn to the subject begun by Descartes and systematized by Kant. The course finally develops and responds to the twentieth century characterization of knowledge as justified true belief.

PHIL 478 — Philosophy of Religion (3)

An introduction to the philosophy of religion. Topics include the existence and nature of God, the problem of evil, the relationship between faith and reason, life after death, miracles, and the relation of God to morality.

PHIL 481 — Topics in Philosophy (3-6)

Philosophical issues or topics in philosophy pursued in an independent but directed way as suggested by a Department faculty member. *Open to junior and senior majors and minors as well as to non-philosophy students by special permission of the Department Chairperson. Available every semester on a tutorial basis.*

PHIL 482 — Senior Capstone Thesis (3)

An independent research paper under the mentorship of a department member who meets regularly (usually once a week) with the student and who guides the study and evaluates the final work. Early in the student's senior year the philosophy major must submit a brief written research proposal outlining the major aspects of the study, choose a department member as a mentor, and receive the endorsement of that mentor and the department chairperson. This senior paper is then presented orally at a department symposium usually scheduled during the final examination period of the spring semester.

Physician Assistant

Dr. Frances Feudale, Program Director

The King's College Physician Assistant Program is designed to provide sophisticated didactic and clinical training in all areas of general medicine. After completion of the program, under the supervision of a licensed physician, the physician assistant will be capable of performing certain tasks heretofore performed by a physician thus extending the physician's time and expertise to a larger number of patients.

The five-year M.S. program is composed of two parts: a three-year pre-professional phase and a two-year professional phase. Upon successful completion of the first four years of the program, students receive a B.S. degree in Medical Studies, with a minor in Health Care Administration and Biology and C.D.C. certification in Epidemiology. Upon successful completion of the two-year professional phase, students receive a Master of Science degree in Physician Assistant Studies (M.S.P.A.S.) and are eligible to take the National Board Examination for certification as a Physician Assistant. The King's College PA Program complies with federal, state, and university guidelines regarding applicants with disabilities.

The Pre-Professional Phase

Students entering as freshmen are required to meet King's College admission requirements by submitting a college application, and by pursuing a prescribed academic sequence for the first three years. Courses consist of liberal arts and preparatory science prerequisites for the later professional phase. During these first three years, students fulfill all of the core requirements for the B.S. degree as well as science prerequisites of anatomy and physiology (8 credits), general biology (8 credits), chemistry (8 credits), and microbiology (4 credits). Students also take courses in health care administration to meet the HCA minor, including epidemiology. All courses must be completed by the end of the junior year.

Throughout the first three years at King's, a pre-professional phase student must maintain a minimum G.P.A. standard to maintain their placement in the professional phase of the program.

<i>Year</i>	<i>Minimum Cum G.P.A.</i>	<i>Minimum Science G.P.A.</i>
Freshman	2.85	2.85
Sophomore	3.0	3.0
Junior	3.0	3.0

In addition, students must complete a minimum of 800 hours of "Clinical Experience Hours", the majority of which must be direct patient care. A log of these hours must be kept by the student and submitted at the end of their fall semester, 3rd or Junior year along with a plan for which the student will complete the requirement at the end of their 3rd year at the college. Students will interview with faculty during their 3rd year. Verification of a student's progress is achieved through and monitored by academic advisors within the PA department. The student will receive notification by their advisor of successful completion of these requirements and progression to the professional phase of the program.

depending on academic prerequisites and selection requirements. Candidates must apply through the Office of Admission.

The Professional Phase

This phase is 24 months in duration, beginning with 10.5 months of didactic instruction in all areas of medicine. Direct patient encounters begin early and are greatly expanded during the final 13.5 months of clinical rotations. The full-time program faculty, along with clinical adjunct faculty, including physicians, physician assistants, pharmacists, and other health care professionals, present the curriculum and coordinate and monitor the clinical experiences.

Admission and course requirements may be subject to change at the discretion of King's College.

The program is fully accredited by ARC-PA (Accreditation Review Commission on Education for the Physician Assistant).

Good Standing in the Professional Program

Students in the professional phase must maintain a minimum grade of 80% to remain in good standing.

Education Requirements

MAJOR REQUIREMENTS

(36 COURSES — 155 CREDITS)

BIOL 111	General Biology (4)
BIOL 112	General Biology (4)
BIOL 221	Anatomy and Physiology I (4)
BIOL 222	Anatomy and Physiology II (4)
BIOL 214	Microbiology (4)
BIOL 223	Genetics (4)
BIOL 224	Biochemistry (4)
BIOL 341	Topics in Pathophysiology (3)
CHEM 113	General Chemistry I (4)
CHEM 114	General Chemistry II (4)
CHEM 241	Organic Chemistry (4)
NEUR 211	Neuroscience I (3)
NEUR 342	Drugs and Behavior (3)
CS 101	Computing Skills: Sciences (1)
MATH 126	Introduction to Statistics and Data Analysis (3)
PA 451	Physical Diagnosis I (3)
PA 452	Physical Diagnosis II (3)
PA 453	Clinical Medicine I (4)
PA 454	Clinical Medicine II (4)
PA 463	Anatomy and Physiology with Lab (2)
PA 464	Specialty Medicine I (2)
PA 473	Diagnostic Methods I (3)
PA 474	Diagnostic Methods II (3)

PA 475	Behavioral Sciences I (3)
PA 476	Behavioral Sciences II (3)
PA 481	Basic Medical Science I (3)
PA 482	Basic Medical Science II (3)
PA 500	Specialty Medicine II (4)
PA 501	Medical Research (2)
PA 511	Clinical Rotation I & II (12)
PA 512	Clinical Rotation III & IV (14)
PA 513	Clinical Rotation V & VI (14)
PA 514	Clinical Rotation VII and General Medicine Preceptorship (12)
PA 515	Masters Research Project (4)

The Clinical Phase of the Program consists of seven 6-week rotations in the following areas:

- Emergency Medicine
- Internal Medicine
- Obstetrics/Gynecology
- Pediatrics
- Psychiatry
- General Surgery
- Elective

The Preceptorship is 3 months in duration and is spent in Primary Care (General Medicine).

Summer Session Prior to Admission into the Professional Phase

MEDICAL TERMINOLOGY (INDEPENDENT COURSE)

Programmed learning module on medical terms and vocabulary for prospective PA students. Students are required to complete the programmed text prior to the beginning of the fall semester of the junior year. During orientation to the professional phase of the program a comprehensive written examination is administered. This course is included in the Anatomy & Physiology grade.

HEALTH PROFESSIONAL AND PATIENT INTERACTION (INDEPENDENT COURSE)

A study and introspection for entering students on topics such as transitioning into professional education, medicine as a profession, the use of the language of medicine, patient encounters, cultural and ethical considerations, and the difficult patient. Students gain enlightenment about their future in medicine by completing assigned readings and discussion questions. The course is included in the basic medical sciences module as a pass/fail module.

The didactic phase of the program requires students to successfully complete all of the following courses. The Courses are made up of smaller modules which are incorporated into each course to calculate a final grade. The PA program requires all students to have completed each module with a minimum passing grade of an 80% or a letter grade of a "B". If a student does not achieve this level of competency with in a module the student may be placed on probation, offered remediation or dismissed from the program.

Course Descriptions

PA 451 — Physical Diagnosis

Students are taught how to elicit and properly record a complete medical history. Students are then taught how to perform a complete physical examination and how to integrate and interpret findings in such a way that they may determine the next diagnostic and therapeutic step.

PA 453 — Clinical Medicine I

A comprehensive study of diseases with emphasis on etiology, pathophysiology, signs and symptoms, diagnostic procedures, and therapeutic measures involved in treating medical conditions.

PA 473 — Diagnostic Methods I

Students are instructed how to order and interpret diagnostic tests used in evaluating medical problems. During the fall semester both laboratory medicine and medical imaging are explored.

PA 475 — Behavioral Sciences

Students are exposed to many facets of behavioral sciences as they relate to medicine. Areas explored are communication skills and professionalism, medical ethics, sexuality and cultural diversity, and Psychiatry.

PA 481 — Basic Medical Science I

This course is encompassing topics that are essential aspects to the practice of medicine. Areas of study include medical pharmacology, human anatomy and physiology, cadaver laboratory and clinical nutrition.

PA 454 — Clinical Medicine II

A continuation of Clinical Medicine I

PA 464 — Specialty Medicine I

Emphasis is on the etiology, pathophysiology, and clinical signs and symptoms of disease in medical subspecialty areas.

PA 474 — Diagnostic Methods II

This course is a continuation of Diagnostic Methods I including electro-cardiology and the completion of the physical assessment.

PA 482 — Basic Medical Sciences II

A continuation of Basic Medical Sciences I

PA 500 — Specialty Medicine II

A continuation of Specialty Medicine I

PA 510 — Medical Research

Students are taught the basic methodologies related to research and how to critically evaluate the medical literature. Students will also learn the basic principles of evidence-based medicine and how to utilize current medical research to justify the treatment of medical conditions. Students also explore topics of PA professionalism and related information pertinent to practice as a Physician Assistant.

**Basic Life Support (BLS) and Advanced Cardiac Life Support (ACLS) courses are required of all students and are provided to all students prior to clinical rotations. (American Heart Association curriculum)*

CLINICAL ROTATIONS AND PRECEPTORSHIP***PA 511 — Clinical Rotation I****Clinical Rotation II****PA 512 — Clinical Rotation III****Clinical Rotation IV****PA 513 — Clinical Rotation V****Clinical Rotation VI****PA 514 — Clinical Rotation VII****General Medicine Preceptorship****Board Review****PA 515 — Master's Research Project (4)**

Students will select a clinical case that they were personally involved with during one of their rotations and perform extensive research on that particular case. Faculty mentors will guide the student through the process and assist with formal writing/reporting of results.

Experiential learning credits and the Professional phase of the PA program

The professional program does not allow for exemption from courses, clinical skills, laboratories, or clinical education regardless of prior experience, degree or credential. All aspects of the program are required for graduation.

Physics

Dr. Frederick C. Sauls, Chairperson

The Department of Chemistry and Physics offers a sequence of courses leading to a minor in Physics. This body of knowledge — an understanding of 1) the fundamental laws underlying the universe, 2) the methods we use to determine and test those laws, and 3) their applications — is important in its own right. However, it is particularly helpful to a major in chemistry, biology, or mathematics in order to deepen the student's understanding of his or her chosen field. Other majors will find it relevant as well. For non-science majors, the department offers a selection of Core courses which do not require an extensive background in mathematics.

Education Requirements

MINOR REQUIREMENTS

(9 COURSES — 32-34 CREDITS)

MATH 129	Analytic Geometry and Calculus I (4)
MATH 130	Analytic Geometry and Calculus II (4)
MATH 231	Analytic Geometry and Calculus III (4)
PHYS 111	General Physics I (4)
PHYS 112	General Physics II (4)
PHYS 231	General Physics III (4)
PHYS 320	Advanced Laboratory in Physics (2)
Two PHYS elective courses numbered 233 or higher (6-8)	

Course Descriptions

PHYS 100 — Physical Science for Elementary Education Majors (3)

An introduction to the scientific method and some major topics in physics including forces and motion, energy, gravity, electricity and magnetism, thermodynamics, and optics. Hands-on activities and projects are an important part of this course which aims to prepare future educators to bring science activities into their classrooms. 3 lecture and 1 problem hour.

PHYS 108 — Applied Biophysics (4)

Introductory physics designed specifically for Sports Medicine majors and is relevant to the experiences and activities of the sports medicine professional. The course is designed to increase understanding of motion and function of the human body and therapeutic techniques used when the body is not moving or functioning well. 4 lecture hours and 3 laboratory hours.

PHYS 111 — General Physics I (4)

Classical Physics, Mechanics and Heat. Prerequisite or Co-requisite: MATH 121, 125, or 129 *or permission of the instructor*. 3 lecture hours, 1 problem hour and 3 laboratory hours.

PHYS 112 — General Physics II (4)

Classical Physics: Electromagnetism, optics; introduction to Modern Physics. Prerequisite: PHYS 111 *or permission of the instructor*. 3 lecture hours, 1 problem hour, and 3 laboratory hours.

PHYS 231 — General Physics III (4)

Introduction to modern physics: special relativity, quantum physics, waves and particles, and atomic and nuclear physics. Prerequisites: MATH 130 and PHYS 112 *or permission of the department*. 3 lecture-recitation hours and 3 laboratory hours.

PHYS 233 — Electronics (4)

Introduction to basic electronic circuits and devices. Major emphasis on solid state circuitry. Topics include AC-DC circuits and electrical measuring devices; power supplies; amplifiers; oscillators; operational amplifiers; switching and timing devices. Prerequisite: PHYS 112 *or permission of department*. 3 lecture-recitation hours and 3 laboratory hours.

PHYS 320 — Advanced Laboratory in Physics (2)

Experiments in classical and modern physics. Prerequisite: PHYS 231, MATH 231 *or permission of department*. 6 laboratory hours per week.

PHYS 350 — Thermodynamics and Statistical Mechanics (3)

Classical thermodynamics, zeroth, first, second and third law of thermodynamics and their applications (law of mass action, heat engines, refrigerators, heat pumps, etc.), kinetic gas theory, and introduction to statistical mechanics. Prerequisites: MATH 240 and PHYS 231 *or permission of department*.

PHYS 410 — Solid State Physics (3)

Topics will include: crystal structure; wave propagation; mechanical, thermal and electromagnetic properties; free electron theory; band theory; and Brillouin Zones; imperfections in solids and applications (e.g., semiconductors, transistors, superconductivity). Prerequisite: PHYS 231 *or permission of instructor*.

PHYS 440 — Quantum Mechanics (3)

Topics include black body radiation, wave and particle phenomena, dynamical operators, the Schrodinger equation and its applications, the Heisenberg formulation, the hydrogen atom, perturbation theory and its applications. Prerequisites: PHYS 231 and MATH 240 *or permission of department*.

PHYS 450 — Atomic and Nuclear Physics (3)

Atomic spectra, electronic structure of atoms, X-rays, scattering, nuclear models, elementary particles. Prerequisites: PHYS 231, 440, and MATH 240 *or permission of department*.

PHYS 490 — Special Topics (3)

A forum for a variety of current topics in physics. Students will be expected to supplement the traditional classroom work with additional research material in order to become familiar with the selected topic. As this course is offered to those students pursuing a minor in physics, the topics can be chosen to augment several major programs depending upon demand. *Permission of the department chairperson is required.*

PHYS 496, 497 — Independent Study in Physics (3)

Advanced projects in a specialization area of physics under the supervision of a Chemistry or Physics faculty member. *Senior status required; open to juniors with the permission of department chairperson.*

Political Science

Dr. Brian Kyle Bower, Chairperson

As the world becomes a more complex social system the importance of the discipline of political science grows. Politics is at the heart of social decision making; and the need for thoughtful, human interactions in the modern era is rather obvious. Our world is one where population and resource stresses intersect the opportunities and threats of technological development, traditional cultural identities, and emerging globally based perspectives. Solutions to today's problems revolve around individuals, institutions, and their respective activities. Political science is the discipline that brings together traditional and modern inquiries concerning the place of humans and their decisions in the world.

The Department of Political Science seeks to provide an educational experience that allows the student to develop an understanding of the essential features of the discipline and also gain experience within a practical context.

Each semester many political science majors pursue internships with one of the many municipal, county, state, and federal offices located in the area. Additionally, some elect to pursue one of the state or national intern programs that take them for a semester to government offices in Washington, DC. or to Harrisburg, PA. These programs have proven to be among the most popular and rewarding of all the opportunities the College offers. Invariably, the young men and women who have participated in these internship programs return enriched in knowledge and valuable job experience.

Over the past several years King's students have completed semester-long research projects on the career of Representative Daniel Flood, the late Congressman of national renown, whose service to the 11th District of Pennsylvania spanned more than 30 years. This type of research on primary source material also helps prepare students for law school, graduate studies, and research-intensive careers.

The Department of Political Science offers an outstanding pre-law program, with an enviable record of placing its students in top law schools. For students preparing for legal careers, the Department offers a multi-course sequence in Law and the Courts, and a senior year legal internship. Every year the Department holds a Legal Career Day, bringing successful alumni and friends in the field of law to the college to talk to students about their experiences. Our students have been accepted to some of the finest law schools in the country, including Georgetown, Boston University, Dickinson, Cornell, Columbia, and The University of Pennsylvania.

In addition to the legal profession, there are other, equally well-regarded career opportunities being pursued by recent King's political science graduates. In the public sector our graduates have been successful in obtaining employment at the local, state, and federal levels, while serving in the executive, legislative, administrative, and judicial branches. A number of our graduates have also been successful in gaining elected positions. Other recent graduates have launched careers in the private sector in education and business. Obviously, the number and range of career opportunities is great. In effect, one can launch a career in most fields with a major in political science.

The design of the major in political science provides a student with a basic foundation in the American political system and also provides an introduction to traditional and

contemporary methods of social research. In addition, an integrated survey of various fields within the discipline is provided for each student. Students are also required to take at least four elective courses (12 credits) within the major. The Department of Political Science has grouped select required and elective courses, along with certain non-department courses into four tracks. These tracks are intended to assist the student in planning his or her course of study and to give the student an opportunity to undertake a more intensive study of certain areas within political science. The tracks also provide the student an opportunity to develop a more individualized course of study that best fits his or her specific interests.

Education Requirements

MAJOR REQUIREMENTS

(14 COURSES — 42 CREDITS)

CORE 153	Principles of Economics I: Macro (3)
PS 321	Scope and Methods of Political Science I (3)
PS 322	Scope and Methods of Political Science II (3)
PS 231	American Intergovernmental Relations (3)
PS 232	Public Administration (3)
PS 493	Senior Seminar (3)
PS 499	Political Science Internship (3)

One of the following:

PS 241	Political Theory I (3)
PS 242	Political Theory II (3)

One of the following:

PS 245	Comparative Political Systems I (3)
PS 246	Comparative Political Systems II (3)
PS 248	Latin America Politics (3)

One of the following:

PS 352	The Politics of Policymaking (3)
PS Topical Policy course	(3)
Twelve (12) credits PS electives	

CORE 151 is strongly recommended for First Year students.

POLITICAL SCIENCE MINOR REQUIREMENTS

(6 COURSES — 18 CREDITS)

PS 231	American Intergovernmental Relations (3)
PS 232	Public Administration (3)

Twelve (12) credits 300 or 400-level PS electives

CORE 151 is strongly recommended for First Year students.

POLITICAL ECONOMY MINOR REQUIREMENTS

(6 COURSES — 18 CREDITS)

CORE 153	Principles of Economics I: Macro (3)
ECON 112	Principles of Economics II: Micro (3)
ECON 373	Public Finance (3)
PS 231	American Intergovernmental Relations (3)
PS 232	Public Administration (3)

One of the following:

PS 352 The Politics of Policymaking (3)

PS Topical Policy course (3)

CORE 151 is strongly recommended for First Year students.

Tracks

In an effort to provide students with suggestions for a logical, coherent, and economical use of elective credits the Department of Political Science has created a series of “tracks” or “areas of emphasis”, to assist students in the development of their course of study.

It is important to note that while the department strongly encourages the student to follow one or more tracks, the adherence to a track or tracks is not necessary for the completion of a major or minor in political science.

Areas of emphasis include:

- American Government, Public Policy, and Administration
- Comparative Politics and International Relations
- Law and the Courts
- Political Theory

Course Descriptions

PS 231 — American Intergovernmental Relations (3)

An analysis of the origin, evolution, and status of American federalism. National, state and local decision-making will be reviewed, particularly as each government’s policies impact upon the others. The course will examine such phenomena as grants-in-aid, inter-state compacts, metropolitan consolidation, etc.

PS 232 — Public Administration (3)

Application of the basic concepts, tools, and issues of American public administration. The relationship between the theory and the practice of public administration will be investigated through the use of classical conceptual works in the discipline (Waldo, Weber, Wilson, Lindblom, etc.) and contemporary administrative case studies. Consideration will also be given to such persistent bureaucratic problems as control, efficiency, equity, responsiveness, and the rise of the administrative state.

PS 241 — Political Theory I (3)

An examination of the fundamental and enduring issues of politics as articulated by leading political theorists. Among the issues examined will be power, order, authority, individual rights, the nature and merits of democracy, the relationship of the individual to the state, and revolution. The course will focus on commentaries written before 1700, i.e., Plato to Locke. *Alternate year course.*

PS 242 — Political Theory II (3)

A continuation of Political Theory I with the focus on analyses written since 1700, i.e., from Rousseau to contemporary political theorists.

PS 245 — Comparative Political Systems I (3)

An analysis of politics in the established liberal democracies of Western Europe and the newly democratized countries of the former Soviet Union. Problems of transition from command economics to the market system and from Totalitarian political systems to de-

mocracy are a central focus. In addition, aspects of political culture, state-society relations, groups, parties, elections, governmental structure, public policy issues, and institutional environments are examined on a comparative basis.

PS 246 — Comparative Political Systems II (3)

An analysis of the politics of developing countries with an emphasis on Latin America. Problems of post-colonial transition (economically, socially, and politically), state building and nationalism, and issues of modernization and dependency theory will be a central focus. In addition, aspects of political culture, state-society relations, groups, parties, elections, governmental structure, public policy issues, and institutional environments are examined on a comparative basis.

PS 248 — Latin America Politics (3)

An analysis of how the globalization of the world economy has shaped the politics and public policies of Latin America. The course focuses on how the region's economic elites, militaries, government officials, and popular movements (e.g., labor unions, political parties, and women's groups) have been affected by the global economy. The recent democratization of Latin America and how this has affected the region's ability to operate in the increasingly competitive world economy is examined.

PS 294 — Leadership for the 21st Century (1)

Designed to help prepare students to be effective leaders for positive social change in local, national, and international affairs. A new paradigm of values-based leadership development provides the framework. Students will be encouraged to apply classroom learning to actual on-going leadership opportunities in organizations of which they are members. *Class closed to freshmen. Cross-listed as HRM 294.*

PS 321 — Scope and Methods of Political Science I (3)

This course is an introduction to the use of quantitative methods in political inquiry. Students use computer based statistical methods and databases to examine elementary concepts of data analysis within the context of various political questions. Topics include basic statistical concepts, a survey of primary measures of descriptive and inferential statistical methods, and considerations of the appropriateness of these various methods in political inquiry.

PS 322 — Scope and Methods of Political Science II (3)

This course is a continuation of PS 321. The course centers on the quantitative analysis of various contemporary political questions and by extension their policy implications. Students will use a variety of computer based analytical methods to describe, explain, and predict political phenomena and offer evaluations. Prerequisite: PS 321 *or permission of the instructor.*

PS 333 — State Politics (3)

A comparative analysis of political processes and how conflict is managed at the state level. The increasing power of the state executive, legislature and judiciary as demonstrated in decision-making and behavior is examined. The changing roles of political parties and interest groups in policy-making is explored by focusing on selected public policy.

PS 341 — American Political Theory I (3)

This course provides an examination of the basic philosophical issues in American political theory. The course looks at a variety of issues, concepts, and controversies that

characterize and define our political experience. The course covers the colonial period, the Revolution, formation and growth of a constitutional government, the Civil War, and reconstruction.

PS 342 — American Political Theory II (3)

The course is a logical continuation of PS 341. The course follows the development of pragmatism, the influence of the scientific method and behaviorism, objectivism and its critics, postmodernism, and neo-conservative theories as they apply to the American political experience.

PS 351 — Municipal Administration (3)

A study of the administration of services of municipal government. The context in which city administrators and other participants in municipal politics work is also examined. Such contextual opportunities and constraints as governmental structure, economic base, community values, and political patterns and heritage are studied.

PS 352 — The Politics of Policymaking (3)

An analysis of primarily, the making, and secondarily, the content of American domestic policy at the national level. An integrative approach is taken to examine policy processes and practices from the political perspective (e.g., how is a policy formed?), the economic perspective (e.g., who really benefits from the policy?), and the ideological perspective (e.g., what values are at stake?). Since the focus of this course is on the agenda-setting and formulation phases of the policymaking process, special consideration will be given to problems to which policies are a response, the emergence and evolution of policy issues, and the status of current policies.

PS 355 — Political Psychology (3)

The application of psychological insights to such political phenomena as leadership, decision-making, etc. In particular, the theories of Sigmoid Freud and psychoanalysis will be examined and analyzed with relevance to the concerns of political science in general (power, conflict, authority, etc.) as well as to the more specific problems of political behavior and personality.

PS 361 — American Constitutional Law I (3)

The origin of the concept of a “higher law” with particular emphasis upon the development of the English common law. The historical setting of the framing of the United States Constitution is considered as a background to the study of its specific provisions. Also examined is the organization and powers of the federal government and its relationship to the state governments as seen through successive decisions of the Supreme Court of the United States. Some consideration is given to uniquely important decisions of the lower courts.

PS 362 — American Constitutional Law II (3)

Those portions of the Bill of Rights and the 14th Amendment to the Constitution which concern, broadly speaking, the “civil rights and civil liberty” of citizens. The First Amendment freedoms of speech, press, religion and assembly are considered together with the “personal rights” reserved to citizens by the Ninth Amendment. Substantial time is spent on the “due process” and “equal protection” clauses of the Fourteenth Amendment as they bear on integration, access to public facilities, equality of economic opportunities and “busing” of students in the public schools.

PS 363 — American Constitutional Law III (3)

A study of the Bill of Rights and the Fourteenth Amendment to the Constitution by

focusing on those provisions which relate to the rights of persons accused of crimes. The individual's right to due process safeguards the availability of counsel and protection from unreasonable searches and seizures, compulsory self-incrimination and double jeopardy. Development of, and reasoning behind the "exclusionary rule" of evidence is analyzed. In addition, this course will examine the Federal and Pennsylvania Rules of Criminal Procedure. *Cross-listed as CJ 363.*

PS 364 — Problems in American Constitutional Law (3)

Problems in the American constitutional system. Flexibility in subject matter and approach is designed to offer qualified, advanced students the opportunity to analyze, in greater detail and smaller groups, particular areas within the field of constitutional law. *Admission with permission of the department chairperson.*

PS 365 — The Judicial Branch: Courts, Law and Politics (3)

A comprehensive look at the Judicial branch of government, both Federal and State. The course will examine the structure and functions of the Federal Court system and State Courts, with an emphasis on Pennsylvania State Courts. The course will examine the politics of judicial selection, judicial decision-making, and the role of the courts in the policy process.

PS 371 — International Politics (3)

Selected aspects of international politics at its three major levels of analysis: the international political system; the major actors in the system; the principal forms of interaction between actors in the system. Among topics are the balance of power, collective security; foreign policy decision making; environmental factors; diplomacy, bargaining and war; arms control; the role of non-national actors like the multinational corporation and the United Nations. Case study illustrations will be utilized. *Cross-listed as HIST 371 and IB 371.*

PS 372 — International Law (3)

A survey of the rules and behavior standards of international law based on custom, treaties, and national legal decisions. Topics include: the nature and sources of international law; the rights and duties of states; territorial questions and the law of the sea; jurisdiction over individuals; the law of international transactions; settlement of disputes; and the rules of war. *Cross-listed as IB 372.*

PS 373 — Foreign Policy and National Security Issues (3)

A comparative study of basic national security issues faced by actors in the international system. Beginning with a survey of the principal comparative policy frameworks, the nature of the foreign policy process by which actors address these issues will be considered, and the unique national security problems of representative states will be analyzed and compared.

PS 374 — Problems in International Politics (3)

An intensive analysis, designed to provide flexibility in subject emphasis, of special problems and issues in international affairs, with emphasis on the dynamics of contemporary world politics and recurrent international problems.

PS 425 — Political Behavior (3)

An examination of the social conditions that are prerequisite for democracy and an exploration of the relationship of government with other social institutions toward the creation of consensus in society. Major topics covered include political culture, public opinion, symbolic politics, political socialization, and voting behavior.

PS 431 — Women and Politics (3)

An analysis of the social and political changes that have influenced the involvement of women in the American political process. The role of women in government and policy-making and the impact of public policy on women are explored from historical, political, and constitutional perspectives. *Cross-listed as WMST 431.*

PS 432 — Politics and the Arts (3)

A critical study of various artistic media and their proponents, as applied to the study of politics. Multiple artistic forms, traditions, attitudes, and methods of analysis, criticism, and expression which focus on political topics, are presented and considered. The course examines how the rich multiplicity of means of discourse, such as the traditional venues of film, literature, the stage, music, and painting compare and contrast with various emerging forms such as multimedia presentations, to provide a full spectrum of assessment and conclusions about the political world.

PS 435 — Religion and Politics (3)

An investigation of the intersection of two powerful institutions: the Church and the State. Attention will be paid to historical questions, survey data, constitutional issues, as well as to analysis of contemporary political mobilization of religious groups. An on-site field excursion to religious groups involved in the political process is included within this course.

PS 441 — Problems in Political Theory (3)

A seminar, characterized by flexibility in subject matter and approach, designed to offer to qualified, advanced students an opportunity to pursue in greater detail and depth, particular developments, both traditional and contemporary, which have enriched the field of political science.

PS 442 — Philosophy of Political Inquiry (3)

A seminar that focuses on the central issues of epistemology and methodology in the social sciences with particular reference to political inquiry. Topics vary, but generally address questions concerning the nature of social inquiry and the specific implications for the study of political issues, phenomena, and institutions.

PS 452 — Environmental Politics and Policy (3)

An examination of four different facets of environmental politics and policy. The course begins by analyzing three different ethical approaches to the environment. Each of these approaches attempts to answer the question: how should mankind relate to the environment? An analysis of the federal government's management of its natural resources follows. The course explores the federal government's management of national grazing lands, the national forests, and the minerals in the public domain. The course further examines those environmental policies designed to protect health: clean air policy, clean water policy, and toxic waste policy. The course concludes with a discussion of the international issues of energy policy, the environment as trade issue, and the environment as an issue of national security.

PS 461 — The U.S. Congress and the Legislative Process (3)

A study of the US Congress, the history of its development, and the national legislative process. Themes to be covered include the significance of procedural strategies and the difficulty of negotiating the complex political environment. This course includes a legislative simulation exercise.

PS 462 — The American Presidency and Leadership (3)

An analytical study of the American Presidency and related aspects of leadership. The course will examine key events and personalities in history that have had a lasting influence on the office and national politics. Themes to be covered include the institutional environment and the constitutional foundation of the office, the development of power and expectations of the office, and the politics of leadership.

PS 491 — Topics in American Government (3)

A seminar concerned with the fundamental problems of American government and politics. American political ideas, institutions and constitutional issues are discussed, and basic works are analyzed. The subject of the seminar varies each semester.

PS 491 — Topics in Latin American Politics (3)

A seminar concerned with various problems of Latin American government and/or politics. A variety of political ideas, institutions and constitutional issues are considered, and basic works are analyzed. The subject of the seminar varies each semester.

PS 493 — Senior Seminar (3)

Exploration of a problem in one of the sub-fields of political science. Topic and format will vary from year to year. *Required of all seniors.*

PS 496 — Independent Research (3)

Research under tutorial supervision. *Registration requires approval of the department chairperson.*

PS 499 — Political Science Internship (3)

A one-semester, supervised experience in a government agency or the legal system. *Required of all seniors.*

Psychology

Dr. Charles Brooks, Chairperson

Knowledge and appreciation of human interaction are essential for success in our rapidly expanding and diverse society. Course work in Psychology helps provide the foundations for increased understanding of the dynamics of human interaction. Irrespective of the direction of future endeavors, increased insight into human behavior should help facilitate decisions and transitions involving careers and aspects of personal life.

The subject matter of Psychology is applicable to many careers, and King's Psychology majors are engaged in a variety of career fields, including Counseling, Industrial Psychology, Experimental Psychology, School Psychology, Teaching, Social Work, Law, Medicine, Physician Assistant, Criminal Justice, Human Resources, Business Administration, Labor Relations, and many others. King's students have been accepted into graduate training programs in Psychology (e.g., Clinical, Counseling, Neuroscience, School, Child, Industrial, and Experimental), as well as other fields (e.g., Medicine, Law, Pharmacy, Social Work, and Business Administration).

At King's we recognize the interdisciplinary interests of psychology students, and we offer double majors with virtually every other major at the College. A special feature of these double majors is the opportunity for the student and advisors to design interdisciplinary components reflecting individual interests.

Key parts of the major elective sequence are the internship program, and independent research. Students may choose work experience in a variety of settings, including psychiatric hospitals or residential programs, prisons, domestic violence centers, day care facilities, government agencies (CIA, White House), local police forces, municipal court systems, or appropriate divisions business. The internship experience allows students the opportunity to apply theories and knowledge to real life situations. Students may also elect to pursue an independent research project under the supervision of a departmental faculty member. Since the 1970's, nearly two-thirds of scholarly publications from the Department have had student co-authors.

The variety of courses, internships, and research possibilities, plus opportunities for minors and double majors, allow Psychology students to tailor their course work to their particular interests and desires, and prepare for a wide range of career opportunities

Education Requirements

MAJOR REQUIREMENTS

PSYCHOLOGY B.A. DEGREE

(11 COURSES — 33 CREDITS)

CORE 154 counts toward both the major and minor in psychology. Normally, Core 154 should be taken before choosing more advanced psychology courses.

CORE 154 Psychological Foundations (3)

PSYC 215 Computer Applications (3)

PSYC 335 Statistics & Research Design(3)

PSYC 450 Senior Seminar (3)

Twenty-one (21) credits from PSYC or NEUR 211, 212

It is recommended that majors take CORE 274 Human Biology to meet the Core Natural Science II requirement.

PSYCHOLOGY B.S. DEGREE

Thirty-three (33) credits listed for B.A. degree in Psychology

Twenty-one (21) credits science selected from the following disciplines:*

Astronomy

Biology

Chemistry

Computers and Information Systems

Computer Science

Geography

Mathematics

Neuroscience

Physics

*CORE 271 through 279 may be used to satisfy sciences requirement

MINOR REQUIREMENTS — PSYCHOLOGY

(6 COURSES — 18 CREDITS)

CORE 154 Psychological Foundations (3)

(15) credits PSYC electives

Specially designed minors are available for students in all MSB majors, and for students majoring in Criminal Justice and Education. Please consult with the Psychology Department Chair.

Course Descriptions

PSYC 215 — Computer Applications (3)

Introduction to computer applications software and concepts. Topics include microcomputer applications software dealing with spreadsheets, word processing, presentation graphics, and internet/library search techniques. *Not open to students who have successfully completed CIS 111, EDUC 251, SOCSC 251, or equivalent.*

PSYC 321 — Basic Biopsychology (3)

This course is designed to provide students with an introductory overview of how brain processes impact behavior and psychological functioning. Course material will be discussed in the context of implications for both normal and abnormal behavior. *This course will not count toward the Neuroscience major or minor.*

PSYC 335 — Statistics & Research Design (3)

Basic statistical methods in psychology including measures of central tendency and dispersion; the normal distribution; hypothesis testing; non-parametric methods. Topics are considered in the context of principles of research methodology and methods of experimental psychology.

PSYC 337 — Conditioning and Learning (3)

Topics include: basic principles of learning as seen in controlled laboratory studies: current research trends involving fear, frustration, partial reinforcement, etc., which have relevance

for both human and animal learning: application of learning principles to everyday behavior, self-control, and behavior problems.

PSYC 338 — Motivation: Psychological Perspectives (3)

An experimentally-oriented survey of theory and research on motivational forces governing behavior. Topics include instinct, pain, fear, frustration, incentive, cognitive consistency and dissonance, aggression, achievement, power, job motivation, and interpersonal attraction.

PSYC 339 — Theories of Learning (3)

This course surveys the dominant theorists in the 20th century who have analyzed the learning process from a variety of conceptual models. In the course we also apply the theories to present issues like coping with anxiety, depression, post-traumatic stress, and psychotherapy. The theorists include Thorndike, Pavlov, Guthrie, Tolman, Hull, Skinner, Ethological Theory, Gestalt Theory, Piaget, and Bandura.

PSYC 340 — Health Psychology (3)

This course surveys research and theories on psychological factors like stress, fear, and anxiety, and their impact on mental and physical well-being. Additionally, we will consider the psychological and physical health effects of behaviors like smoking, alcohol and drug abuse, exercise, and nutrition. We will also investigate the psychological impact of STDs, heart disease, diabetes, aging, and other physical conditions.

PSYC 341 — Forensic Psychology (3)

This course involves an extensive examination of the interface between psychology and the legal and criminal justice systems. By taking this course, students will develop an understanding of the roles forensic psychologists perform and the tensions they experience by participating in the legal system. By examining relevant criminal cases we will examine topics including psychologists' contributions to understanding theories of crime, eyewitness testimony and memory, criminal profiling, repressed and recovered memories, lie detection, competency testing, the insanity defense and the death penalty, pre-trial publicity, false confessions, and jury selection among others. The course will include lecture, discussion, video and guest speakers as well as trips to local legal and criminal justice venues.

PSYC 342 — Drugs and Behavior (3)

Drug abuse is our nation's number one health and social problem. In this course, we will examine the use and abuse of drugs from many perspectives: social, legal, medical, pharmacological and psychological. Beginning with a basic coverage of how the brain controls behavior, we will look at how drugs interact with the brain to have such powerful effects on behavior. Topics will include the medical use of drugs (including over-the-counter and psychotherapeutic drugs), the illegal abuse of drugs like heroin and cocaine, and the use and abuse of non-drugs like caffeine, nicotine and alcohol. *Cross-listed as NEUR 342.*

PSYC 346 — Psychopharmacology (3)

This course surveys what is currently known about the neurobiology of psychiatric disorders and the use of psychoactive drugs to treat them. Starting with the basics of the brain/behavior relationship and principles of pharmacology, we will cover the symptoms and treatment of the affective disorders, anxiety disorders and the schizophrenias, among others. Also included will be the psychological aspects and pharmacotherapy of the neurodegenerative disorders like Parkinson's disease, Huntington's chorea and Alzheimer's disease. Prerequisite: NEUR 211. *Cross-listed as NEUR 346.*

PSYC 347 — Cognition and Behavior (3)

This course will cover the techniques and findings of modern cognitive psychology, as well as the theoretical issues and explanatory models of complex mental processes. Potential topics include: thinking, problem-solving, creativity, memory, attention, language, mental imagery, cognitive development, and the neural basis of cognition.

PSYC 348 — Sensation and Perception (3)

This course deals with how we construct a conception of physical reality from sensory experience. While the primary focus will be on vision and hearing, the chemical senses (taste and smell) the somatosenses (touch, temperature and vibration) will also be addressed. We will cover the anatomy and physiology of the various sensory receptors, the neural mechanisms of sensation, sensory representation in the brain, as well as the phenomenological experience of perception. Topics will include the ways in which illusions can fool our senses and what they tell us about how our sensory systems work. *Cross-listed as NEUR 348.*

PSYC 349 — Animal Behavior (3)

This course will introduce you to the field of animal behavior. We will examine basic principles derived from evolution, ecology, and ethology. We will use these principles to explain how and why animals behave as they do in particular situations. We will focus on many important behaviors such as foraging, communication, migration, predator-prey interactions, mating, and parental care. *Cross-listed as NEUR 349.*

PSYC 350 — Theories of Personality (3)

Exploration of the structure, dynamics and development of personality as conceptualized by prominent theorists of different persuasions. Psycho-dynamic, behavioristic and humanistic/existential, theoretical orientations will be compared and contrasted. The course begins with a foundation of the more traditional personality theories and move on to more contemporary, innovative approaches to personality. Research findings associated with this field will also be examined.

PSYC 351 — Psychopathology (3)

The etiology, diagnosis and treatment of psychological disorders from both traditional and contemporary viewpoints. Emphasis is placed upon comparison of alternative models of causation and treatment. Students will be encouraged to explore their own thoughts and feelings about individual differences and deviance.

PSYC 353 — Psychological Assessment (3)

Fundamentals of test construction, evaluation and application. Tests, surveys, interviews as well as other methods of psychological assessment used in clinical, business and counseling settings will be evaluated by class members. Students will be expected to administer and interpret several tests during the semester.

PSYC 354 — Psychological Assessment in the Workplace (3)

This course will apply the principles of psychological assessment to the workplace. The course will address different types of tests/inventories for evaluating job applicants, assessment measures for employee development, test fairness, test construction, and employee opinion surveying. The fundamentals of I/O psychology will be addressed in relation to psychological assessment. *Cross-listed as HRM 354.*

PSYC 355 — Developmental Psychology: Childhood and Adolescence (3)

Study of significant aspects of human development from conception through adolescence.

Topics include influences upon the development of social and emotional growth, personality, intellectual capacity, and the acquisition and usage of language. The relevance of these topics to parent effectiveness will be stressed.

PSYC 356 — Developmental Psychology: Adulthood & Aging (3)

Analysis of human development from young adulthood through old age. Main emphases are upon social and emotional changes associated with various stages of adult life. Crises typically encountered by individuals in their twenties, thirties, forties, etc. are discussed, including shifts in self-concept, sexual desires, attitudes toward life, conceptions of death, etc. Development during the period of old age will be stressed. *Cross-listed as GERO 356.*

PSYC 357 — Social Psychology (3)

The influence of social factors on individual behavior, thoughts and feelings. Topics include: attitude formation and change, altruism, aggression, attraction, conformity, interpersonal relationships, and group processes.

PSYC 358 — The Self Concept (3)

This course will survey the major theoretical and empirical approaches to the self-concept. Topics include the nature of the self, search for self-knowledge, development of the self and identity, self-esteem, and self-presentation. We will also examine how our feelings about ourselves influence our behavior and whether these feelings can be changed to produce greater happiness and life satisfaction. Through a variety of course activities, students will be invited to explore a variety of aspects of the self.

PSYC 359 — Psychology of Gender (3)

Consideration of the development of gender-based psychology theory by addressing both male and female issues. Topics will include gender stereotypes in the media, advertising, and literature; the changing roles of men and women in contemporary society; personal relationships from both the male and female perspective. *Junior standing.*

PSYC 360 — Industrial Psychology (3)

A survey of industrial psychology. Topics include worker attitudes and job satisfaction; employee motivation and work efficiency; advertisement strategies and worker attitudes/behavior; and intervention techniques (e.g., sensitivity training and role playing); and organizational change. Discussions of personnel selection and vocational assessment/choice will also be undertaken, along with typical roles and responsibilities of industrial psychologists in a variety of organizational settings. *Cross-listed as HRM 360.*

PSYC 385 — Honors Seminar (3)

This course is designed for students intending to pursue an Honors Thesis (PSYC 485). The seminar will review basic principles and research design and analysis. Students will be introduced to research being conducted in the Department of Psychology, and they will choose their Honors Thesis Faculty Advisor. Students will develop their thesis project to include a literature review of their topic, and a method section specifying the design and procedures for conducting the research. Prerequisite PSYC 335.

PSYC 391 — Topical Seminar (3)

A course offered periodically, in an area of expertise by a member of the department. The course will concentrate on a topical area such as the psychology of aggression; psychobiology; counseling adults; art therapy; child and adolescent psychopathology; etc. May be taken twice for credit. *Junior or Senior standing or permission of the department.*

PSYC 395 — Supervised Readings (3)

A course designed for students who want to review psychological literature in an area of their choice, under the supervision of a psychology faculty member. Generally, this will allow students to either become more familiar with an area covered in existing courses; or explore fields of psychology that are not part of existing curricula. This course is not designed as a substitute for taking of existing courses in the regular manner. Pass/Fail option may be required at the discretion of the instructor. Prerequisites: *Junior standing* and 12 credits in psychology or *permission of the department*.

PSYC 430 — Independent Research (3)

An opportunity for a student to engage in independent research in a specific phase of psychology. *Junior or senior status required, and permission of a supervising department faculty member*. Prerequisite: PSYC 335.

PSYC 435 — Graduate School and Research Practicum (3)

This course is recommended for anyone seriously considering applying to graduate school, and for any student planning on doing an Honors Thesis in Psychology. In the course we will review principles of research design and analysis, and develop a class research project. The course will also cover strategies for taking the GRE test and helping students in the initial phase of planning for graduate school applications.

PSYC 450 — Senior Seminar (3)

A seminar designed to provide a culminating and integrative understanding of contemporary psychology. Students will choose a contemporary psychological issue and write a major paper synthesizing information from previous course work with current theories and research. A classroom oral presentation is also required. *To be taken in the senior year. Offered fall semester only.*

PSYC 470 — Clinical Psychology Practicum (3)

Supervised work in an applied setting. Focuses upon counseling skills (e.g., listening, empathy, feedback) and emphasizes theoretical foundations of therapy. Typically offered in the fall semester and involves experience in interviewing and/or counseling techniques, psychological assessment, behavioral management procedures, etc. May be taken more than once for up to 12 credits, only six of which may count toward the major sequence (i.e., the 33 credits required). *Junior/Senior standing and permission of the instructor.*

PSYC 485 — Honors Thesis (3)

If you have a minimum 3.5 gpa in psychology courses and 3.4 gpa overall, and if you have a passion for psychology and want to make an original contribution to the field you might want to consider conducting an honors thesis in psychology. The thesis will involve an empirical study conducted by the student, using a methodology appropriate to the psychological issue under investigation. The study will be based on a proposal submitted and approved in PSYC 385. *You may complete this honors thesis without being enrolled in the King's College Honors Program.* Prerequisite PSYC 385.

PSYC 499 — Psychology Internship

This internship experience is coordinated with the Office of Experiential Learning and a member of the psychology faculty who agrees to supervise the internship. Normally, student interns will be juniors or seniors at the time of the internship. *A minimum overall G.P.A. of 2.50 is required.*

Sociology

Dr. Bill J. Lutes, Chairperson

Sociology is the scientific study of human interaction and society. Understanding how societies work, what is their diverse organization and how they change, is the goal of the discipline. It includes the study of institutions such as family, welfare, work, education, and social work. Also prominent in Sociology is the study of the problems facing society such as crime, poverty, juvenile delinquency, aging, and minority group relations. It is unique among the social sciences because it is not limited in focus to a single institution but emphasizes the relations among all parts of society.

The undergraduate major in Sociology is valuable training for a variety of occupations. Many Sociology majors go on to fascinating careers in diverse jobs that are emerging with our changing society. Our recent graduates have become — a Pension Counselor, a Family Life Counselor, a Hospital Social Worker, a Probation Counselor, a Retail Sales Manager, an Insurance Agent, and, a Department Store Buyer. A deep understanding of the dynamics of social behavior is useful in virtually any occupation where people assist other people who have serious concerns in their lives.

In addition to the preparation of students for the world of work, Sociology is an excellent major to prepare for graduate and professional degrees in social work, public administration, health care administration, personnel management, city planning, and law. Few other majors prepare a student for such a broad range of postgraduate choices. At the very least, Sociology prepares students for life, no matter what their choice of occupations.

Education Requirements

MAJOR REQUIREMENTS

(13 COURSES — 37 CREDITS)

- SOC 201 Introduction to Sociology (3)
- SOC 425 Contemporary Social Theory (3)
- SOCS 102 Computer Skills: Social Sciences (1)
- SOCS 251 Computer Applications in the Social Sciences (3)
- SOCS 261 Methods and Statistics of Social Research (3)

Twenty-four (24) SOC electives*

CAPSTONE COURSE: ALL MAJORS

In consultation with the advisor, a 400-level course will be designated as a Capstone course. The student will bring the principles and methods of sociology to bear on a specific problem in the field through this course.

**For a Sociology major with an emphasis in Social Work, at least twelve (12) credits of the SOC electives must be selected from the following:*

- SOC 255 Principle of Social Work (3)
- SOC 350 Social Welfare Policy (3)
- SOC 355 Sociology of Mental Health (3)
- SOC 360 Child Welfare Services (3)
- SOC 373 Juvenile Delinquency (3)

SOC 470 Deviant Behavior (3)

MINOR REQUIREMENTS

(6 COURSES — 18 CREDITS)

Sociology

SOC 201 Introduction to Sociology (3)
(15) credits SOC electives

Social Work

SOC 201 Introduction to Sociology (3)

Two of the following:

SOC 255 Principles of Social Work

SOC 350 Social Welfare Policy

SOC 355 Sociology of Mental Health

SOC 360 Child Welfare Services

Nine (9) credits SOC electives

Course Descriptions

SOC 201 — Introduction to Sociology (3)

The course introduces sociology's basic concepts, theories, research methods, and sub-fields, covering such topics as socialization, deviance and crime, family, economic inequality, culture, gender, religion, and social movements. Students will come to understand the many ways in which people's lives, including their own, are shaped by the social world, and the many ways in which human behavior and interaction serve to reinforce or challenge and reshape or social world.

SOC 212 — Social Problems (3)

The course examines major problems and issues in today's world. Though perspectives and specific problems may vary, this course will examine such problems as drug abuse, domestic violence, environmental degradation, war, population problems, mental illness, suicide, health care, crime and delinquency, as well as the causes of social problems and the ways in which the U.S. and other societies have responded to them.

SOC 253 — Minority Group Relations

This course examines the significance of racial, ethnic and other minority group status in society. Topics include: patterns of group relations such as assimilation and segregation; social sources of prejudice; sources and areas of discrimination, such as within education, employment, housing, and the criminal justice system; contemporary issues such as hate group's use of the Internet; and social responses to inequalities, such as the civil rights movement in the United States.

SOC 255 — Principles of Social Work (3)

A survey of Social Work that considers the religious, philosophical and historical foundations of the social welfare institution in American society. There is a special focus on the role of government in social work as well as the development of the profession. The course is designed to develop in students a commitment to social responsibility, as well as an enhanced awareness of the personal and professional values critical to a career in the field.

SOC 296 — Applied Human Services Interventions (3)

Offers variable credit options through four individual training elements.

SOC 310 — Cultural Anthropology (3)

A comparative look across the cultures of the world, past and present, from very simple subsistence level societies to the modern post-industrial societies of the 20th century. The origins and evolutionary courses of social institutions, such as marriage, kinship ties, war, religion and government, will be considered.

SOC 312 — Dynamics of Population (3)

This course examines modern demography, also known as population studies, which studies population growth and change under a variety of conditions, including the causes and consequences of changes in birth rates, death rates, and migration patterns. Specific topics include the relationship between population trends and crime rates, economic development, and AIDS; the negative consequences of urban sprawl; issues of population control, food production, and use of natural resources; and policies and programs designed to address these issues. *Cross-listed as ENST 312.*

SOC 333 — Criminology (3)

The origin, history and causes of crime. Sociological and social psychological perspectives (including critical and peacemaking approaches) in criminology. Analysis of crime prevention, intervention, restoration and rehabilitation. *Cross-listed as CJ 333.*

SOC 350 — Social Welfare Policy (3)

An examination of social welfare programs in various fields of practice, such as child welfare, mental health, juvenile corrections, income maintenance and others. The political and economic factors that influence social policy and the provision of social services are studied, as are specific social problems and the services intended to address them. The course emphasizes the legitimate role and responsibility of government in providing efficient and humane ways of meeting human needs.

SOC 351 — Sociology of the Family (3)

This course examines families, marriages, and intimate relationships from a sociological point of view. It emphasizes how “family” has changed over time, how family forms vary across cultures, and ways in which families are affected by the inequalities of gender, race/ethnicity, and class. Topics include dating and intimacy; parenting and child-care; divisions of power and labor in families; current issues such as sexual orientation, divorce, stepfamilies, teen childbirth, and family violence; and policies and programs that respond to these issues. *Cross-listed as WMST 351.*

SOC 354 — City Life and Problems (3)

An exploration of the modern city, its history, growth, design and regional integration through lecture, research and discussion, and visits to city planning agencies. The changing profile of urban needs and challenge to urban planning will be explored. The human values implicit in our present urban way of life and the recent trend in urban ethnic diversity will also be examined.

SOC 355 — Sociology of Mental Health (3)

A survey of mental health issues including the history of mental illness treatment (with special emphasis on precedents for today), its various diagnostic classifications, the types of interventions (including psychological counseling), and relevant agencies. There will be

a special focus on government-supported agencies, including the role of community mental health centers.

SOC 360 — Child Welfare Services (3)

A survey of the child welfare system, including foster care, adoptions, child abuse and neglect, school social services, institutional care, and juvenile probation, as well as the role of counseling within each. To help focus the course on current issues, each student will investigate a child welfare agency and give an oral presentation. There will also be news analyses of current events related to child welfare.

SOC 367 — Sociology of Aging (3)

Exploration of aging as a biological, psychological and sociological event. Emphasis on aging as a social problem and examination of problematic conditions such as health, finances, the transition into retirement, individual adaptation to aging, the society's current inconsistent responses to aging including public and private maintenance programs. *Cross-listed as GERO 367.*

SOC 370 — Gender and Work

This course examines the relationship between gender and work in the modern world. Topics include patterns of gender difference, patterns of gender inequality such as in pay and promotion, and the segregation of women and men into "female-typed" and "male-typed" occupations; causes of inequalities such as socialization and discrimination; and sources of change such as women's movements, laws, and family strains. Students will critically analyze the relationship between gender and work under a variety of conditions, and may examine their own work experiences and plans in relation to topics covered in the course. *Cross-listed as WMST 370.*

SOC 371 — Work and the Corporation (3)

The social history of labor, including the local unions and the Mollie Maguires. A history of labor theories from conservatism to liberalism and the development of collective bargaining. Questions of good management and bureaucracy will be investigated along with the quality of work, the improvement of work conditions and questions of what is leisure.

SOC 373 — Juvenile Delinquency (3)

The sociological and social psychological factors involved in delinquent behavior. The issues are considered within the framework of definition, extent, causation, accountability and juvenile justice reactions to the problem of delinquency, including the restorative approach. *Cross-listed as CJ 373.*

SOC 380 — Current Social Movements (3)

Social movements are sources of tension which may signal unseen characteristics and possibilities within a social order. Crime prevention through neighborhood organizing and victims movements, the environmental movement, the Civil Rights Movement, and the labor movement. Social movement theory, collective behavior (crowds, panics, mobs, contagion). The emergence, maintenance, and failure of social movements. Consideration of the skills needed for a successful movement.

SOC 415 — Sociology of Music and Social Change (3)

For many people, music has a "taken for granted" character: we buy and listen to it, dance to it, and experience it as part of the fabric of our daily lives, often as part of the background. What happens when we take a closer examination? This course places music

under a sociological lens and considers its relationship to social change. Topics may include ways in which people use music to engage in dialogue and to define space and territory; issues of control over the production and distribution of music (for example, in cyberspace); ways in which people sometimes define certain musical forms as deviant and then create organizations to oppose those forms; and, the use of music by social movements seeking to unify their members and create change in the world around them.

SOC 425 — Sociological Theory (3)

Marx, Durkheim, Weber, and Simmel. The rise of American sociological theory. Philosophy of Science and research programs. Major contemporary theories: structural-functional conflict, neo-Marxian, symbolic interactionism, phenomenology and ethnomethodology, exchange and behavioral sociology, feminist and structural theories. Recent developments toward multicultural views and integration of theories.

SOC 430 — Social Inequality (3)

The examination of social inequality, or social stratification, is a central theme of sociology. This course explores patterns and aspects of inequality such as the rich-poor gap and inequalities in health care and education; theories regarding the origins and maintenance of stratification; responses and challenges to stratification such as labor movements and government programs. The course examines ways in which economic inequality intertwines with inequalities of race/ethnicity and gender, and it compares stratification in the U.S. with that in other countries as well as with global stratification.

SOC 470 — Deviant Behavior (3)

An analysis of the social creation of the deviant behavior as examined through the social processes of rule making, rule breaking and social control. Particular emphasis is placed on the role of conventional values and the effects of societal labeling in the deviance process. Alternate lifestyles are objectively examined. *Cross-listed as CJ 470.*

SOC 472 — Religion and Society (3)

A study of religion from the perspective of the Sociology of Religion — the meanings, sources, variations, and conflicts of religion. The relationship of Sociology of Religion to Theology, Psychology, Anthropology, etc. Religion and economic realities, Church and State Issues, religions in the U.S. in the past, present, and future.

SOC 491 — Special Topics in Sociology (3)

Offered on demand. An in-depth consideration of current topics in sociology not otherwise covered by other course offerings in the department.

SOC 497 — Supervised Individual Study (3)

The study of a contemporary topic or issue in the Sociology field under the direct supervision of a faculty member. The student wishing to enroll in this course must submit a brief written proposal outlining the purpose of the study, endorsed by a faculty sponsor and by the chairperson of the department.

SOC 499 — Sociology Internship (3)

A full semester field experience designed to give the exceptional student the opportunity to acquire a knowledge of sociology in action. Placements can be in urban planning agencies, social service agencies, or research bureaus. Coupled with frequent field work, supervisory sessions and topical meetings will be arranged.

Theatre

Bro. James Miller, C.S.C., Chairperson

The academic purpose of the department is to give each student a valid perspective and a sound background in understanding the various theatre courses in relationship to the theatre as a whole. It will guide the student into effective discipline and projection of their own interpretive and creative ideas. When they acquire a solid, basic knowledge of the theatre arts and crafts, in conjunction with a liberal arts undergraduate program, they will have best prepared themselves for a more intensive and specialized study in graduate and professional schools.

The department's practical approach to training its students involves the following activities:

1. Annual presentation of major productions, including one Shakespearean play.
2. Trips to Stratford, Ontario's Shakespeare Festival; Washington, D.C.'s Arena Stage; Broadway and off-Broadway theatres; Regional theatre groups.

The selection of plays for presentation at King's College centers upon the belief that students learn most effectively by participating in productions of the works of major playwrights. To enhance the students' academic and practical knowledge, the plays are staged in arena, thrust, open stage, and proscenium styles. As members of the departmental production unit, students will learn the important values of cooperating and working closely with what may be considered a resident company of directors, designers, actors, etc. With this practical training, students will have acquired the basic essentials for employment in community theatres or as apprentices in professional theatres.

Education Requirements

MAJOR REQUIREMENTS

(20 COURSES — 56 CREDITS)

- THEA 233 Stagecraft (3)
 THEA 241 Acting I (3)
 THEA 249 Speech for Theatre (3)
 THEA 345 Play Analysis (3)
 THEA 361 Scene Design I (3)
 THEA 365 Movement (3)
 THEA 381 History of Theatre (3)
 THEA 471 Directing I (3)

Eight (8) credits THEA 285, 485

Two (2) courses from two of the following groups:

1. Communications

- COMM 212 Introduction to Photography (3)
 COMM 231 Writing for Mass Communication (3)
 COMM 233 Graphics for Mass Communication (3)
 COMM 339 Television Production (3) (Prerequisite: COMM 231)
 COMM 371 Script Writing (3) (Prerequisite: COMM 231)

2. English

- ENGL 326 The English Language (3)
ENGL 352 Renaissance Literature (3)
ENGL 375 Drama (3)
ENGL 381 Major Authors (3)
ENGL 395 Comparative Multicultural Literature (3)

One of the following tracks:

1. Acting/Directing Track

Four of the following:

- THEA 242 Acting II (3)
THEA 247 Modern Dance (3)
THEA 248 Jazz Dance (3)
THEA 332 American Musical Comedy (3)
THEA 341 Acting III (3)
THEA 472 Directing II (3)
THEA 483 Contemporary Theatre (3)
THEA 487 TV Drama (3)
THEA 491 Special Topics in Theatre (3)
THEA 497 Independent Study (3)

2. Design/Technical Track

Four of the following:

- THEA 239 Lighting (3)
THEA 337 Scene Painting (3)
THEA 473 History of Costume (3)
THEA 487 TV Drama (3)
THEA 491 Special Topics in Theatre (3)

MINOR REQUIREMENTS

(10 COURSES — 22 CREDITS)

THEA 233 Stagecraft (3)

THEA 241 Acting I (3)

THEA 345 Play Analysis (3)

Nine (9) credits THEA electives

Four (4) credits THEA 285 or 485

Course Descriptions

THEA 233 — Stagecraft (3)

Technical instruction in the various backstage aspects of play production is given. The construction of scenery and props is included in this course. 2 lecture hours and 1 laboratory period. Lab fee.

THEA 239 — Lighting (3)

A study of the basic theoretical and technical problems of theatrical stage lighting. Included is a working knowledge of lighting instruments, control systems and design plans. Lab fee. *Offered alternate years.*

THEA 241 — Acting I (3)

Acting is studied as an art of self-expression and communication. Improvisation and classroom exercises give students a foundation in acting techniques for the modern realistic theatre. The student is taught to use the voice and body as instruments of self-expression and communication in performance.

THEA 242 — Acting II (3)

A continuing study and practice of Acting I. Dialog is now added to synchronize the full expressive value of human visual and vocal communication. The focus is centered on the techniques of interpreting fictional characters and presenting them with improved and more advanced methods.

THEA 247 & THEA 248 — Dance (3, 3)

Scheduled through cross-registration.

THEA 249 — Speech for the Theatre (3)

The applied study of the principles of voice projection. Emphasis is given to the manipulation of the vocal mechanism for enhanced control, flexibility and effectiveness, as it directly relates to usage for the actor. *Offered alternate years.*

THEA 285 — Production Lab for Freshmen & Sophomores (1)

Theatre majors and minors will be assigned various tasks in departmental productions. The theatre faculty will guide the students into a professional approach and evaluate them on their success. 1 credit per semester.

THEA 332 — American Musical Comedy (3)

This course is devoted not to an encyclopedic or an historical account of musicals, but to a definition, an analysis, a criticism, and a celebration of them to capture their spirit. The course is about musicals, those who make them and what goes into their creation and the qualities that make the American musical a unique kind of theatre. *Offered alternate years.*

THEA 337 — Scene Painting (3)

Studio instruction in developing natural objects and ornamental detail on a flat surface through the analysis of form, light, and shadow. Lab fee. *Offered alternate years.*

THEA 341 — Acting III (3)

This course provides advanced study in the projection of theatrical truth and characterization, utilizing various non-realistic styles and genres. Study includes scene work from Shakespeare, Comedy of Manners, Farce and Theatre of the Absurd, among others. *Offered alternate years.*

THEA 345 — Play Analysis (3)

The study of the structures and meanings of plays approached from the working viewpoint of the director, actor and designer. Classical and contemporary plays are analyzed for their production values. Prerequisite: CORE 165. *Offered alternate years.*

THEA 361 — Scene Design I (3)

Lectures and practical work in scene design. Floor plans, elevations, and model sets are made for various periods and styles. Prerequisite: THEA 233. Lab fee. *Offered alternate years.*

THEA 365 — Movement (3)

The use of the body to strengthen the character as developed by the performer. Relaxation exercises, extensive warm-up techniques, and proper use and control of the body are experienced. *Offered alternate years.*

THEA 381 — History of the Theatre I (3)

The evolution of theatrical presentation is investigated from its primitive beginnings through the Renaissance period. Social, political and religious factors of each period are studied. *Offered alternate years.*

THEA 382 — History of the Theatre II (3)

Investigation of theatrical presentation from the Renaissance to the present. Oriental theatre will also be investigated. Social, political and religious factors of each period will be considered. *Offered alternate years.*

THEA 471 — Directing I (3)

Lectures and practical work in directing a play from its form as a script to its final production. Students must direct a one-act play. Prerequisite: THEA 241. *Offered alternate years.*

THEA 472 — Directing II (3)

Practical work in directing scenes and one-act plays. Prerequisites: THEA 345, 471. *Offered alternate years.*

THEA 473 — History of Costume (3)

The study of the modes of dress from the Egyptian, Greek, and Roman periods through the 19th century. The course also contains projects dealing with the designing of costumes for various periods. Lab fee. *Offered alternate years.*

THEA 483 — Contemporary Theatre (3)

Amateur, educational and professional theatre companies are studied for their business, artistic, spectator and participant values. Styles of present day plays and production techniques are evaluated. Prerequisite: THEA 361 or 471. *Offered alternate years.*

THEA 485 — Production Lab for Juniors & Seniors (1)

Theatre majors will be assigned various tasks in departmental productions. The theatre faculty will guide the students into a professional approach and evaluate them on their success. 1 credit per semester.

THEA 487 — TV Drama (3)

Student experiences and develops the performance techniques required in acting for the camera. Studio experience culminates in the production of a video shoot, either in the studio or on location. Additional time may be required for the final video shoot. *Offered alternate years.*

THEA 491 — Special Topics in Theatre (3)

This course, available to all students, is characterized by its flexible subject matter and approach. It is designed to offer an opportunity for students to pursue specialized areas of theatre research and/or production. Lab fee may be required.

THEA 497 — Independent Study (3-6)

A self-designed and departmentally approved research and/or creative task, to further aid the student in their knowledge and experience in a particular area of the Art of Theatre. The student may choose either further advanced work in an area of special interest, or write a one-act play and stage it. The scope of the task will determine the number of credits. The student will choose a member of the theatre faculty as a tutor.

Theology

Rev. Thomas Looney, C.S.C., Ph.D., Chairperson

Within the program of liberal education at King's College, theology holds a prominent place. Religious experience and faith are integral facets of human experience. Through examination of evidence from the Bible, human history, Church teaching, intuition and observation, theology attempts to foster understanding and appreciation for the Judaeo-Christian heritage. This academic study of Christian faith avoids both indoctrination and indifference in the quest for such understanding.

As a College within the Catholic tradition, King's seeks to foster mature reflection that will serve as a foundation for the student's religious development as an individual and member of society. It strives to do this in a manner which encourages informed religious decisions and which recognizes the positive values in all religions. Likewise, the College promotes mutual understanding and respect among religious peoples. For these reasons, all students are required to take courses in Theology as part of the Core Curriculum.

The Core requirement in theology requires each student to take one course each from Systematic Theology and Moral Theology. Since this Core Theology requirement is to be met by students of all faiths, where a matter of conscience is concerned, a student may request the Chairperson to allow a different theology selection.

In addition to the personal religious development mentioned above, the major program in theology prepares one for various professional pursuits. The major sequence equips a student with a firm foundation for graduate study or seminary training (divinity school) in theology or for religious education, as a secondary school teacher or parish director of religious education. It can also provide a background for a career in journalism and a number of service-related professions.

A minor in theology can enhance preparation for careers in counseling, journalism, government service and other positions. Theology majors are encouraged to elect courses in appropriate related disciplines, especially philosophy, history, and foreign languages. The latter is recommended for those preparing for graduate school.

Education Requirements

MAJOR REQUIREMENTS

(14 COURSES — 42 CREDITS)

- CORE 251 The Old Testament (3)
- CORE 252 The New Testament (3)
- CORE 260 Christian Ethics (3)

Three of the following:

- THEO 241/CORE 255 The Church (3)
- THEO 337 Issues in Christian Ethics (3)
- THEO 345/CORE 288 Bioethics (3)
- THEO 431 The Heritage of St. Paul (3)

One of the following:

- THEO 356 Protestant Christianity (3)
- THEO 361 Eastern Christianity (3)

THEO 371 Jewish Thought and Life (3)

THEO 375 Faiths of the East (3)

Fifteen (15) credits from the following:

THEO 451 Research Seminar in Biblical Studies (3-6)

THEO 481 Special Topics in Theology (3-6)

THEO 489 Seminars in Systematic Theology (3-6)

Six (6) credits THEO electives

MINOR REQUIREMENTS

(6 COURSES — 18 CREDITS)

a. One course from each of the following categories (9 credits)

Biblical Studies: Core 251, 252 or 253

Systematic Theology: Core 250, 254, 255, 256, or 259

Moral Theology: Core 260, 261, 263, 264, 265, or 269

b. Three additional courses (9 credits)

Chosen in consultation with the Department Chairperson. A student may choose: a general minor; a minor in biblical studies, systematic theology, or moral theology; or a minor related to one's major (biology, philosophy, political science, etc.).

Course Descriptions

THEO 231 — Introduction to Religion (3)

The nature and central features of religion. Theories of the origin and function of religion. The role of religion in personal life and in society. Major ways of expressing religiousness. Central concepts such as God, the ideal life, and salvation are compared across cultures.

THEO 236 — The Old Testament (3)

The principal themes, historical framework, geographical setting, and literary background that surround the key figures of the Old Testament. The development of the faith of Israel from its beginnings in the earliest tribal migrations to the emergence of Judaism just prior to the time of Jesus will be discussed. *Cross-listed as CORE 251.*

THEO 237 — The New Testament (3)

A study of the beliefs about God and Christ, as well as other topics of human concern in the New Testament. These will be considered both in their original biblical context and in light of modern questions. *Cross-listed as CORE 252.*

THEO 238 — Catholic Perspectives (3)

Development of a greater understanding of basic Christian beliefs as expressed in a Catholic context. This study will be conducted in an ecumenical atmosphere to overcome stereotypes and generalizations about Catholicism and other Christian communions. Relating beliefs and commitments to the contemporary world will be emphasized. *Cross-listed as CORE 250.*

THEO 239 — Key Biblical Themes (3)

Combines a general introduction to the Bible with an in depth study of selected themes such as creation, revelation, prophecy, salvation, and others. Includes both Old and New Testaments. *Cross-listed as CORE 253.*

THEO 241 — The Church (3)

A study of the Church's origin and development, doctrinal struggles, and contemporary challenges. Particular attention will be given to the theology of the Church and its ecumenical implications expressed in the thought of the Second Vatican Council (1962-65) and by contemporary theologians and the Christian churches. *Cross-listed as CORE 255.*

THEO 246 — Christian Worship (3)

A study of the components and nature of Christian worship in terms of its foundations in human experience and the faith dimensions brought by the worshipping community. Special attention will be focused on the renewed rituals of Christian Initiation, Reconciliation and Eucharist as they have developed from their theological and historical traditions.

THEO 291 — The Ministry of Teaching (1)

This course explores the role of a teacher in the Christian tradition, with special attention to teaching about the faith, the child in Christian theology, moral development, and similar topics. *Open to all students enrolled in a Core course in Theology.*

THEO 295 — Volunteer Community Service (1)

Emphasis will be upon the experience of poverty and suffering that exists all around us, and the responsibility these ills place upon us to serve those in need. Selections from the Church's social teaching will be studied in the very early part of the course. But the major learning will come from ten weeks of actual service to the poor in the local field placement. *Grading: Pass/Fail.*

THEO 311 — Christian Ethics (3)

The fundamentals of Christian moral thought. Moral theory and the basic theological convictions of the Christian tradition will be considered. The relevance of these theoretical considerations will be illustrated by concrete moral problems and dilemmas. *Cross-listed as CORE 260.*

THEO 321 — Faith, Morality and the Person (3)

Through biography and autobiography, the personal lives of selected individuals (e.g. Mahatma Gandhi, Martin Luther King, Dorothy Day, St. Augustine) are studied to determine how religious and moral orientations develop to become integral dimensions of a person's identity. Special attention is given to the way religious commitments foster and sustain a person's moral convictions and actions. The role of Christianity and other religious traditions in shaping character will be considered. *Cross-listed as CORE 261.*

THEO 331 — Issues in Christian Social Ethics (3)

An introduction to Christian social ethics. The course will present a general view of how the Christian tradition understands and approaches moral issues that relate to social and political life. Both theoretical and practical questions will be confronted. The course features a clear interest in an ecumenical approach to Christian social ethics, but some special attention will be given to recent trends in Catholic social teaching. *Cross-listed as CORE 264.*

THEO 335 — Christian Environmental Ethics (3)

A study of how Christian theological perspectives have and should shape personal and social responses to nature and to problems arising from the human-nature interaction. Biblically based religious traditions will be compared with other religions in order to clarify the religious dimensions of our ecological dependencies. Current environmental problems

and policy debates will be selectively treated to establish the relevance of Christian reflection on the environment. *Cross-listed as Core 265.*

THEO 337 — Topics in Moral Theology (3)

Examination of a chosen topic in an in-depth manner, with particular but not exclusive attention to the Christian ethical thought on that topic. The topic will be announced at pre-registration. War and peace, rich nations and poor nations, professional ethics, criminal justice and other issues are among the topics that may be chosen. *Cross-listed as Core 269.*

THEO 339 — Science, Theology and Culture (3)

This course aims to equip students to enter the growing cultural conversation about the interrelationships between science and religion. The course will concentrate on the science-Christianity relationship. Some key historical clashes (the Galileo affair, the debate over Darwinism) will be studied and contemporary scientific developments in the physical sciences, the life sciences and in neuroscience will be explored for their religious implications. Generally instructors from theology and the sciences will team teach the course. *Cross-listed as Core 256.*

THEO 341 — Christian Marriage (3)

An exploration of the Christian tradition on the issues of sexuality, gender, marriage and the family. *Cross-listed as CORE 263.*

THEO 345 — Bioethics (3)

An examination of developments in medicine and the life sciences in the light of Christian ethical principles. Among the questions to be discussed are abortion, the care of severely handicapped newborns, human experimentation, and death and dying. *Cross-listed as CORE 288.*

THEO 346 — War and Christian Tradition (3)

An examination of the phenomenon of war from political and theological perspectives. In particular, we will consider the long history of Christian attempts to discipline the conduct of warfare, with particular attention to the possible relevance of those efforts to the contemporary context. The course will be organized around four questions: 1) What is war?; 2) What are its causes?; 3) What rules ought to govern the conduct of war?; 4) What does Christianity have to say about war? *Cross-listed as Core 269.*

THEO 351 — American Christianity (3)

The influence and role of Christian faith in the development of American society from an historical perspective. Attention is given to the ways in which Christianity has shaped America, and the extent to which the American experience has shaped Christianity. Documentary sources from different eras and traditions are studied in the effort to appreciate the significance of the Christian churches from the colonial period to the present.

THEO 356 — Protestant Christianity (3)

An introduction to Protestant Christian thought and practice. Both historic and contemporary forms of Protestant thought, organization and activity will be examined. The dialogue between Protestantism and Catholicism will be a featured topic in the study.

THEO 361 — Eastern Christianity (3)

The history, spirituality, worship and distinctive customs of the Eastern Christian churches. Recent ecumenical developments are discussed. This course offers insight into the richness and variety of Christian faith. *Offered upon request.*

THEO 371 — Jewish Thought and Life (3)

The beliefs and practices that constitute the historic Jewish faith: God, Torah, Israel. Modern trends, including the Orthodox, Conservative and Reformed movements are studied, as well as the Jewish festivals and institutions. The dialogue between Judaism and Christianity will also be discussed.

THEO 375 — Faiths of the East (3)

The religious traditions of Asia: Hinduism and Buddhism as living faiths.

THEO 431 — The Heritage of St. Paul (3)

A study of the missionary journeys and theological ideas of St. Paul, the apostle to the nations. Concepts expressed by St. Paul in his epistles will be studied in detail.

THEO 436 — Jesus and the Gospels (3)

A study of how the early Church understood Jesus, using the New Testament Gospels as sources. The insights of modern biblical scholarship will be applied to the Gospels.

THEO 441 — Luke and the Acts (3)

A study of St. Luke's twin volumes: the third Gospel and the Acts of the Apostles (the first history of the Church). Modern biblical scholarship is applied to these books in order to highlight St. Luke's distinctive ideas.

THEO 447 — Belief and Unbelief (3)

A study of the serious option that faces modern people: to believe or not to believe. The background and reasons for modern unbelief are examined. Answers that thoughtful believers offer to these challenges are studied. *Cross-listed as CORE 254.*

THEO 451 — Seminar in Biblical Studies (3-6)

A directed study of current biblical scholarship and hermeneutics and an exegetical analysis of significant portions of scripture. The specific topic is announced at pre-registration.

THEO 470 — Ethics and Values Seminar (3)

Seminar that considers current issues in ethics and values with particular emphasis on how they relate to public and professional life. *Cross-listed as PHIL 470.*

THEO 481 — Special Topics in Theology (3-6)

Independent but guided reading and research on a topic of special interest or in an area recommended by the Department. This project will be pursued under the direction of a member of the Theology faculty. *Open to Senior and Junior majors, and to minors by special permission of the Department Chairperson.*

THEO 489 — Seminar in Systematic Theology (3-6)

A detailed study of the scriptural, patristic and conciliar sources of particular Christian doctrines such as Christology, Trinitarian theology and the theology of grace. Specific topics will be announced at pre-registration.

THEO 499 — Theology Internship (3-6)

A one or two semester supervised experience in an area related to church activities and ministries. Placement can be in youth ministry, religious education, social justice and other similar experiences. Supervisory sessions and topic meetings will be arranged.

Women's Studies Minor

Dr. Margarita Rose, Program Director

An interdisciplinary program, the minor in Women's Studies offers courses in several fields. In addition, with the support of Student Affairs staff, students have the opportunity to apply classroom learning through participation in co-curricular activities and programs. Women's Studies prepares students — both women and men — to make valuable contributions to society throughout their lives. Part of this preparation involves heightening awareness of and respect for the contributions and perspectives of diverse sectors of society.

Although Women's Studies is designed to be a minor concentration, it may be possible for interested students to self-design a major in Women's Studies.

Education Requirements

MINOR REQUIREMENTS

(6 COURSES — 18 CREDITS)

CORE 155 Women in American Society (3)

Fifteen (15) credits WMST electives

Course Descriptions

WMST 155 — Women in American Society (3)

An analysis of women's historical and contemporary situation in American society. An examination of the approaches and research findings of the social sciences using gender as a category of analysis intersecting with class, race, and ethnicity. The relationship between gender and social institutions as well as interrelationships of gender-defined institutions-government, economy, religion, family, and education, will be explored. *Cross-listed as CORE 155.*

WMST 162—Voices of Hispanic Women Writers (3)

Examines the social, economic, and cultural circumstances surrounding the literary contributions of women from Spanish-speaking countries. Combines feminist theory and literary criticism with close analysis of texts. Readings will be in English. *Cross-listed as CORE 162.*

WMST 164 — Fairytales, Storytelling, and Culture (3)

Explores variants of fairy tales from different countries and cultures. Examines why these stories exist in different forms at different times and places and what they tell us about the beliefs of the cultures that created them. *Cross-listed as CORE 164.*

WMST 164 — Popular Culture (3)

Focuses on the signs of our times and reading images in popular culture, while analyzing writings about this field of study. Discussions will primarily focus on the media, in the forms of advertisements, television, music, sports, and leisure activities, while evaluating the role the media has on gender role development. *Cross-listed as CORE 164.*

WMST 164 — Women's Voices in Literature (3)

Explores both women's writing and feminist criticism. Following the development of Anglo-American criticism, considers a diversity of women's voices as they explore subject areas frequently charted by women who have endeavored to "write a woman's life." *Cross-listed as CORE 164.*

WMST 263 — Christian Marriage: Gender Issues (3)

Examines the impact of cultural assumptions about gender roles on Christian understandings of marriage through history. Also focuses on the changing roles of and relationships between men and women in contemporary society and Christian communities. *Cross-listed as CORE 263.*

WMST 273 — Contemporary Topics in Biology: Women in Science (3)

Considers the factors and/or decisions that influence women and men to enter and maintain careers in science. Includes a review of the history of women in science as well as discussion of prominent women scientists and their work. Introduces students to a variety of scientific concepts, topics, and the process of science. *Cross-listed as CORE 273.*

WMST 294 — Leadership for the 21st Century (1)

Designed to help prepare students to be effective leaders for positive social change in local, national, and international affairs. A new paradigm of values-based leadership development provides the framework. Students will be encouraged to apply classroom learning to actual on-going leadership opportunities in organizations of which they are members. *Class closed to freshmen. Cross-listed as HRM and PS 294.*

WMST 336 — Women's Voices In Christian Theology (3)

Explores the Christian tradition by reading texts written by women. Notes both the similarities and differences in both topic choice and treatment of topics when theology is done by women instead of by men. Most attention will be paid to language and imagery used of Jesus and God. Will treat both ancient and contemporary texts. *Cross-listed as THEO 336 and CORE 259.*

WMST 351 — Sociology of the Family (3)

This course examines families, marriages, and intimate relationships from a sociological point of view. It emphasizes how "family" has changed over time, how family forms vary across cultures, and ways in which families are affected by the inequalities of gender, race/ethnicity, and class. Topics include dating and intimacy; parenting and child-care; divisions of power and labor in families; current issues such as sexual orientation, divorce, stepfamilies, teen childbirth, and family violence; and policies and programs that respond to these issues. *Cross-listed as SOC 351.*

WMST 353 — Neoclassical Literature (3)

The "long Eighteenth Century" (1660 to 1820), was a turbulent period in English history that saw the creation of a vast empire, the eruption of various forms of popular culture, a growing interest in imagination, the beginnings of the modern novel, and transformations in ideas about gender. In this course, students will read drama, poetry, essays, and one novel from this period with a particular emphasis on representations of gender, sexuality, empire, and nationality. *Cross-listed as ENGL 353.*

WMST 359 — Psychology of Gender (3)

Consideration of the development of gender-based psychology theory by addressing both male and female issues. Topics will include gender stereotypes in the media, advertising, and literature; the changing roles of men and women in contemporary society; personal relationships from both the male and female perspective. Prerequisite: CORE 154. *Cross-listed as PSYC 359.*

WMST 370 — Gender and Work (3)

This course examines the relationship between gender and work in the modern world, mostly in the U.S. but also beyond. We will address questions of gender difference and inequality, such as: How extensive are the gender inequalities in pay and promotion opportunities? How much are women and men segregated into “female-typed” and “male-typed” occupations, and why? How much do socialization, stereotypes, and discrimination contribute to inequalities? How are inequalities challenged and changed by women's movements, laws, and common family strains such as inadequate access to paternal leave and childcare? Students will critically analyze the relationship between gender and work under a variety of conditions, and will examine their own work experiences and plans in relation to course topics. *Cross-listed as SOC 370.*

WMST 373 — Women in Western Civilization (3)

A survey of the historical and cultural roles of women from the beginnings of humanity through classical, medieval, and early modern European history up to the twentieth century. In analyzing both representative individuals and general trends, themes include theories of women's history, legal rights and their influence on political institutions, economic activities, gender roles in marriage, family and community, cultural contributions, and devotion to religious life. *Cross-listed as HIST 373.*

WMST 382 — Shakespeare: Blood, Lust and Marriage (3)

What does the playwright who immortalized such lovers as *Romeo and Juliet* and *Antony and Cleopatra* really have to say about love itself? This major authors course looks at early and late comedies, a Senecan tragedy, the sonnets, and some of Shakespeare's “problem” plays, to discover what Shakespeare reveals about love, marriage, and relationships. *Cross-listed as ENGL 382.*

WMST 410 — Women in Management (3)

The possibilities for, and the roles of, women in management. An exploration of the status of women in management, barriers to women in such positions, reasons for inequality in salary and benefits and ways to overcome sex discrimination. *Cross-listed as HNRS 410.*

WMST 425 — The Witch Hunts 1400-1800 (3)

Through reading and discussion of primary and secondary sources, students will learn how Europeans from the fifteenth to the eighteenth centuries developed a heightened concern with the phenomenon of witchcraft, how they defined and treated their alleged witches, within the context of other economic, social and cultural relationship, and how the Scientific Revolution and the Enlightenment brought an end to the hunt for powers that did not empirically exist. Included in this study will be the examination of new technologies and methods of rule and criminal justice which led to a determined persecution, as well as the roles of class and gender in focusing hostility on certain women, as well as men and children. *Cross-listed as HIST 425.*

WMST 431 — Women and Politics (3)

Analyzes the social and political changes that have influenced the involvement of women in the American political process. The role of women in government and policy-making and the impact of public policy on women are explored from historical, political, and constitutional perspectives. *Cross-listed as PS 431.*

WMST 491 — Economics of Women, Poverty, and the Environment (3)

Examines the contributions and experiences of women as economic actors and some of the common difficulties facing women in fulfilling their economic obligations in various parts of the world. Also analyzes conditions and causes of global poverty. A third component explores the effect of current economic structures on the environment, as well as economic approaches to environmental issues. *Cross-listed as ECON 491 and ENST 491.*

WMST 491 — Special Topics: Women in the Criminal Justice System (3)

Offers an in-depth look at women as victims, offenders, and professionals. Discusses various types of female-specific victimization such as rape, spousal violence, and pornography. Also examines research and theories that present female offenders according to their type of criminal behavior. *Cross-listed as CJ 491.*

WMST 497 — Independent Research in Women's Studies (1-3)

Advanced research project under the supervision of a faculty member on the Women's Studies program staff. A student wishing to enroll in this course should submit a brief written proposal outlining the nature and purpose of the study. *Registration requires the approval of the faculty member mentoring the study and the program director.*

WMST 499 — Internship in Women's Studies (3)

One semester supervised field experience in an area related to women's studies or issues. Placement opportunities include government offices, social service agencies, and other non-profit organizations. Registration for the internship is coordinated through the Office of Experiential Learning.

Under specified conditions and with special permission, courses not normally listed as "Women's Studies" courses can be adapted to count toward the Women's Studies minor. To be adapted, a course must lend itself to the content and methods of women's and gender studies. The instructor must govern and approve the adaptations. For example, CORE 282 Creative Vision of Alfred Hitchcock and Core 140 Islamic Cultures can be adapted to count toward the Women's Studies minor. The student must agree in advance to complete any extra work necessitated by the course modification. And, lastly, approval of the Women's Studies Director must be obtained prior to course enrollment. If you have questions about this process or the suitability of any particular course for modification and inclusion in the minor, please see the Director.

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Academic Calendar

Fall Semester 2004

Thursday, August 26	Residence halls open for new First Year resident students, Orientation begins for all new First Year students
Friday, August 27	Orientation continues for all new First Year students
Saturday, August 28	Orientation continues for all new First Year students, Residence halls open for resident upperclass students, 1st Accelerated Saturday Session classes begin
Sunday, August 29	Final Registration day for all Day students, Orientation day for all incoming Transfer students
Monday, August 30	All Day/Evening classes begin
Thursday, September 2	Convocation Mass of the Holy Spirit
Friday, September 3	Last day for course ADD
Monday, September 6	Labor Day — No classes
Monday, September 13	Last day for course DROP
Friday, September 24-25	Family and Friends Weekend
Thursday, October 14	Residence halls close at 9:00 p.m.
Friday, October 15	Fall Recess — No Day Classes, Last day of refund for Withdrawal from the College
Saturday, October 16	Final exams for 1st Accelerated Saturday Session
Monday, October 18	All day classes resume
Mon.-Fri., October 18-29	Advisement Period
Wednesday, October 20	Mid-semester grades due in Registrar's Office for Day & Evening Classes
Friday, October 22-24	Homecoming Weekend
Saturday, October 23	2nd Accelerated Saturday Session classes begin
Friday, October 29	Last day for authorized course Withdrawal (no refund)
Wed.-Wed., Oct. 27-Nov. 10	Registration for Spring 2005
Sunday, November 21	Patron's Day (Feast of Christ the King)
Tuesday, November 23	Follow <u>FRIDAY</u> class schedule No Tuesday Evening Classes Thanksgiving Recess begins after last class Residence halls close at 6:00 p.m.
Wed.-Sun., November 24-28	Thanksgiving Recess
Sunday, November 28	Residence halls open at 12 noon
Monday, November 29	All classes resume
Friday, December 10	Last day of classes
Mon.-Sat., December 13-18	Final Examinations – Day & Evening classes, Residence halls close at 6:00 p.m.
Saturday, December 18	2nd Accelerated Saturday Session final exams

Spring Semester 2005

Saturday, January 15	Residence halls open for incoming new students 1st Accelerated Saturday Session classes begin
Sunday, January 16	New student Orientation begins Informational Session for new Transfer students Final Registration day for all Day students
Monday, January 17	All Day & Evening classes begin
Friday, January 21	Last day for course ADD
Friday, January 28	Last day for course DROP
Friday, March 4	Winter Recess begins after last class, Residence halls close at 6:00 p.m., Last day of refund for Withdrawal from College
Saturday, March 5	1st Accelerated Saturday Session final exams
Saturday, March 12	2nd Accelerated Saturday Session classes begin
Monday-Friday, March 7-11	Winter Recess — No Day or Evening classes
Monday, March 14	All classes resume — Day & Evening
Wednesday, March 16	Mid-semester grades due — Day & Evening classes
Wed.-Fri., March 16-April 1	Advisement period
Wednesday, March 23	Easter Recess begins after last evening class, Residence halls close 9:00 p.m.
Thurs.-Mon., March 24-28	Easter Recess — No classes
Tuesday, March 29	All Day classes resume
Friday, April 1	Last day for authorized course Withdrawal (no refund)
Mon.-Wed., April 4-13	Registration for Fall 2005 Day Classes
Sunday, April 17	Honors Convocation
Tuesday, May 3	Day Classes follow <u>THURSDAY</u> class schedule
Wednesday, May 4	Last meeting of day of classes, Day Classes follow <u>FRIDAY</u> class schedule
Thursday, May 5	Last meeting of evening classes
Friday-Friday, May 6-13	Final Examinations, Residence halls close at 6:00 p.m
Saturday, May 7	2nd Accelerated Saturday Session final exams
Friday, May 20	Commencement rehearsal for graduates at 1:30 p.m.
Saturday, May 21	Baccalaureate Mass
Sunday, May 22	Commencement

King's College Campus



- 1. The William G. McGowan School of Business
- 2. Theater
- 3. Administration Building
- 4. Mulligan Physical Science Center
- 5. Charles E. & Mary Parente Life Sciences Center
- 6. Lukic Hall
- 7. John Lane Hall
- 8. Kilburn House
- 9. Beraglia Hall
- 10. Public Relations & Marketing
- 11. Services Building
- 12. Holy Cross Community
- 13. Sherrer House
- 14. J. Carroll McCormick Campus Ministry Center (Chapel)
- 15. Hafey-Marion Hall

- 16. Holy Cross Hall
- 17. Hessel Hall
- 18. Admissions Visitors Center
- 19. Alumni Relations
- 20. Experiential Learning
- 21. King's College Bookstore
- 22. Sheehy-Farmer Campus Center
- 23. Esseff Hall
- 24. D. Leonard Corgan Library
- 25. Scandon Physical Education Center
- 26. Basketball Court
- 27. Flood Hall
- 28. Maintenance
- 29. Human Resources
- 30. Study Abroad & Honors Program
- 31. Alumni Hall
- 32. Monarch Court

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