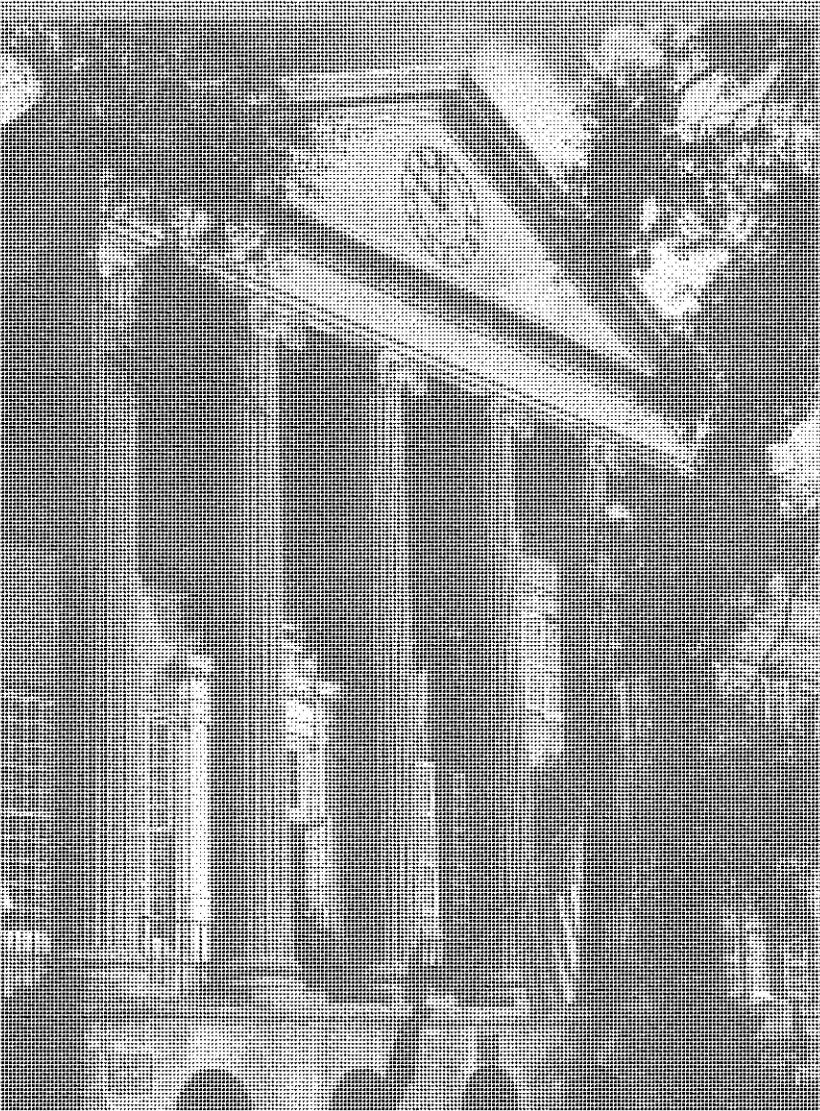


College of Charleston



UNDERGRADUATE BULLETIN
1992-1993 1993-1994



I certify that this *Bulletin* is true and correct in content and policy and states progress requirements for graduation.

Harry M. Lightsey, Jr.
President



UNDERGRADUATE BULLETIN

1992-1993, 1993-1994

College of Charleston
Office of Admission
Charleston, S. C. 29424.0001
(803) 792-5670

The College of Charleston is accredited by and a member of the Southern Association of Colleges and Schools, and is a member of the Association of American Colleges, the American Association of State Colleges and Universities, and the American Council on Education. It is a charter member of the Southern University Conference and is on the approved list of the Association of

American Universities and the American Association of University Women. Its accreditation was reaffirmed in 1986. Documents relating to the College's accreditation may be reviewed by contacting the Office of Academic Affairs, Second Floor, Randolph Hall.

The College of Charleston is committed to providing leadership in the attainment of equal opportunity for all persons regardless of race, religion, sex, national origin, age, handicap, or other legally-protected classification. This effort is in compliance with all federal and state laws, including Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, Section 503 and 504 of the Rehabilitation Act of 1973, and the Age Discrimination Act of 1975 as amended. Inquiries should be directed to the assistant vice president for minority affairs, College of Charleston, Charleston, South Carolina 29424.

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CALENDAR

ACADEMIC CALENDAR

1992-1993, 1993-1994

FALL SEMESTER 1992

August	23	Sunday	Residence halls open; New student welcome
	24	Monday	New student orientation; Registration for returning students
	25	Tuesday	New student orientation
	26	Wednesday	Classes begin; Course drop/add
	27	Thursday	Course drop/add
	28	Friday	Course drop/add
October	7	Wednesday	Last day to withdraw from classes with grade of "W"
	15	Thursday	Midterm grades due, 5 p.m.
November	2	Monday	Fall Break holiday
	3	Tuesday	Fall Break holiday/Election Day holiday
	25	Wednesday	Thanksgiving holiday begins, 5 p.m.
	30	Monday	Classes resume
December	7	Monday	Last day of classes (Monday classes don't meet; Tuesday day and evening classes do meet)
	8	Tuesday	Final exams begin
	12	Saturday	Final exams
	15	Tuesday	Final exams end
	17	Thursday	Final grades due to Registrar by 12 noon
	20	Sunday	Mid-year Commencement

SPRING SEMESTER 1993

January	4	Monday	Residence halls open; New student orientation
	5	Tuesday	New student orientation; Registration of returning students

	6	Wednesday	New student orientation and registration
	7	Thursday	Classes begin; drop/add
	8	Friday	Course drop/add
	11	Monday	Course drop/add
February	18	Thursday	Last day to withdraw with grade of "W"
	26	Friday	Midterm grades due, 5 p.m.
March	5	Friday	Spring Break begins, 5 p.m.
	15	Monday	Classes resume
April	21	Wednesday	Last day of classes
	22	Thursday	Reading Day
	23	Friday	Final exams begin
	24	Saturday	Final exams
	28	Wednesday	Reading Day
(Wednesday classes that meet 4 p.m. or later will take exams)			
May	1	Saturday	Final exams
	3	Monday	Final exams end
	5	Wednesday	Final grades due in Registrar's Office by noon
	9	Sunday	Commencement

MAYMESTER AND SUMMER SESSIONS 1993

MAYMESTER 1993

May	10	Monday	Registration
	11	Tuesday	Maymester classes begin
	18	Tuesday	Last day to withdraw with a grade of "W"
	28	Friday	Last day of classes
	31	Monday	Memorial Day holiday
June	1	Tuesday	Maymester final exams

CALENDAR

SUMMER I 1993

June	4	Friday	Summer I registration
	7	Monday	Summer I classes begin
	17	Thursday	Last day to withdraw with grade of "W"

July	5	Monday	Independence Day holiday
	7	Wednesday	Last day of Summer I classes
	8	Thursday	Summer I final exams
	9	Friday	Summer I final exams

SUMMER II 1993

July	9	Friday	Summer II registration
	12	Monday	Summer II classes begin
	22	Thursday	Last day to withdraw with grade of "W"

August	11	Wednesday	Last day of Summer II classes
	12	Thursday	Summer II final exams
	13	Friday	Summer II final exams

SUMMER I EVENING 1993

May	10	Monday	Summer Evening I registration; Classes begin
	31	Monday	Memorial Day holiday
	28	Friday	Last day to withdraw with grade of "W"

June	21	Monday	Summer Evening I last day of M/W classes
	22	Tuesday	Summer Evening I last day of T/TH classes
	23	Wednesday	Summer Evening I final exams M/W classes
	24	Thursday	Summer Evening I final exams T/TH classes

SUMMER II EVENING 1993

June	28	Monday	Summer Evening II registration; Classes begin
July	5 16	Monday Friday	Independence Holiday Last day to withdraw with grade of "W"
August	9	Monday	Summer Evening II last day of M/W classes
	10	Tuesday	Summer Evening II last day of T/TH classes
	11	Wednesday	Summer Evening II exams M/ W classes
	12	Thursday	Summer Evening II exams T/ TH classes

FALL SEMESTER 1993

August	22	Sunday	Residence halls open; New student welcome
	23	Monday	New student orientation/Reg- istration for returning students
	24	Tuesday	New student orientation
	25	Wednesday	Classes begin; Course drop/ add
	26	Thursday	Course drop/add
	27	Friday	Course drop/add
October	6	Wednesday	Last day to withdraw from classes with a grade of "W"
	14	Thursday	Midterm grades due, 5 p.m..
	15	Friday	Fall Break holiday
November	24	Wednesday	Thanksgiving holiday begins, 5 p.m.
	29	Monday	Classes resume
December	3	Friday	Last day of classes
	6	Monday	Final examinations begin
	11	Saturday	Final exams

CALENDAR

15	Tuesday	Final exams end
17	Friday	Final grades due to registrar by noon
19	Sunday	Mid-year commencement

SPRING SEMESTER 1994

January

3	Monday	Residence halls open; New student orientation
4	Tuesday	New student orientation/Registration of returning students
5	Wednesday	New student orientation and registration
6	Thursday	Classes begin; Course drop/add
7	Friday	Course drop/add
10	Monday	Course drop/add

February

17	Thursday	Last day to withdraw from classes with a grade of "W"
25	Friday	Midterm grades due, 5 p.m.

March

4	Friday	Spring Break begins, 5 p.m.
14	Monday	Classes resume

April

20	Wednesday	Last day of classes
21	Thursday	Reading Day
22	Friday	Final examinations begin
23	Saturday	Final examinations
27	Wednesday	Reading Day; Wednesday classes that meet 4 p.m. or later will take exams this date.

May

2	Monday	Final examinations end
4	Wednesday	Final grades due to registrar by noon,
8	Sunday	Commencement

MAYMESTER/SUMMER SESSIONS 1994

MAYMESTER 1994

May

9	Monday	Registration
10	Tuesday	Classes begin
17	Tuesday	Last day to withdraw from classes with a grade of "W"
27	Friday	Last day of classes
30	Monday	Memorial Day holiday
31	Tuesday	Maymester final exams

SUMMER I 1994

June

3	Friday	Registration
6	Monday	Summer I classes begin
16	Thursday	Last day to withdraw from classes with a grade of "W"

July

4	Monday	Independence Day holiday
6	Wednesday	Last day of Summer I classes
7	Thursday	Summer I final examinations
8	Friday	Summer I final examinations

SUMMER II 1994

July

8	Friday	Registration
11	Monday	Summer II classes begin
21	Thursday	Last Day to withdraw from classes with a grade of "W"

August

10	Wednesday	Last day of Summer II classes
11	Thursday	Summer II final examinations
12	Friday	Summer II final examinations

SUMMER I EVENING 1994

May

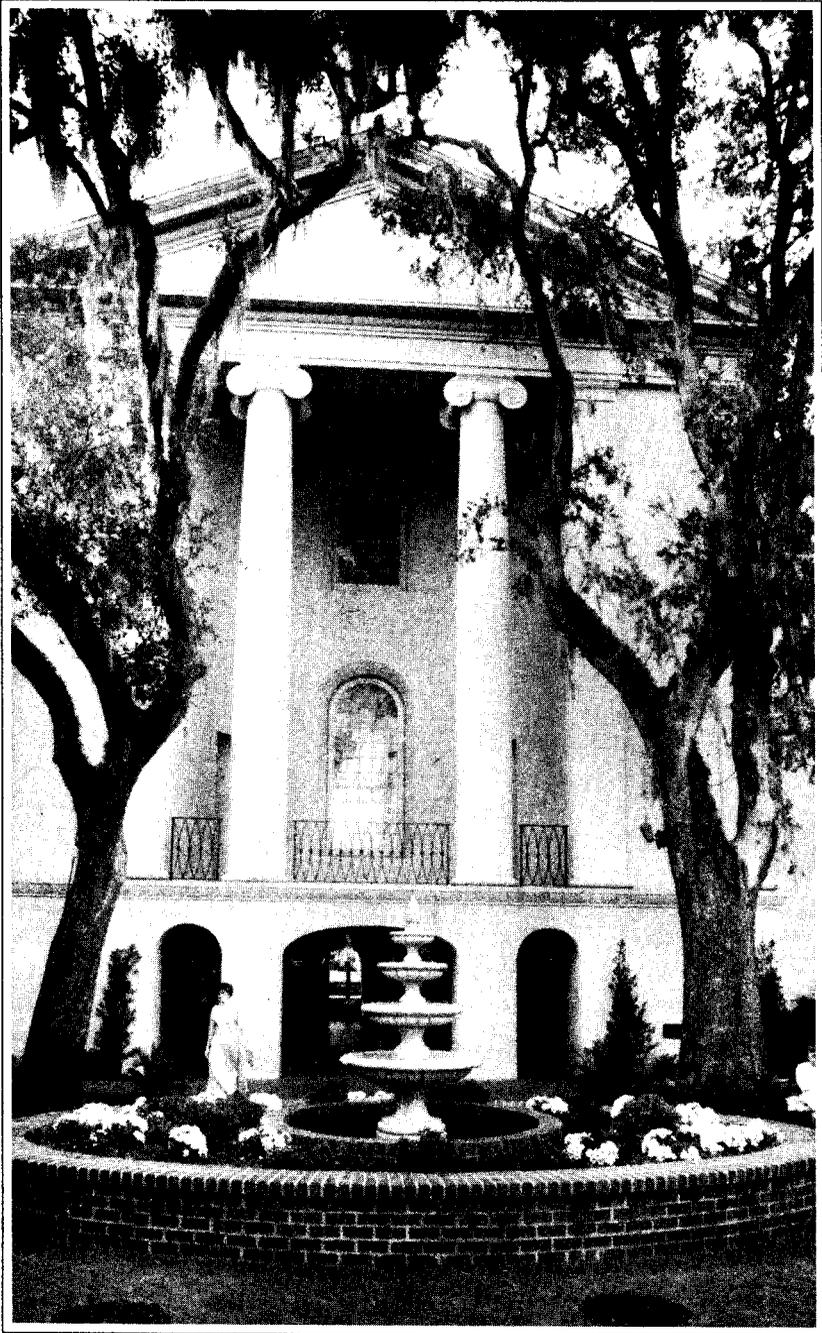
9	Monday	Registration/Classes begin
30	Monday	Memorial Day holiday

CALENDAR

June	27	Friday	Last Day to withdraw from classes with a grade of "W"
	20	Monday	Last day of Monday/Wednesday classes
	21	Tuesday	Last day of Tuesday/Thursday classes
	22	Wednesday	Monday/Wednesday final examinations
	23	Thursday	Tuesday/Thursday final examinations

SUMMER II EVENING 1994

June			
July	27	Monday	Registration/Classes begin
	4	Monday	Independence Day holiday
	15	Friday	Last day to withdraw from classes with a grade of "W"
August	8	Monday	Last day of Monday/Wednesday classes
	9	Tuesday	Last day of Tuesday/Thursday classes
	10	Wednesday	Monday/Wednesday class final examinations
	11	Thursday	Tuesday/Thursday class final examinations



PRESIDENT'S MESSAGE

Throughout the pages of this *Bulletin* you will discover what we are about at the College of Charleston. Our people, our programs, and our campus are reviewed to help you consider the College and your place in it. You will get some sense of our past, our present, and our future, and of our pride in all three.

The College of Charleston is the 13th oldest academic institution in the United States. It has been a private, a municipal, and a state institution over the 220 years of its history. In all of that time and in each of those relationships it has pursued a tradition in the liberal arts. That is still our direction.

Over the past several years we have experienced significant growth—in students, in faculty, and in facilities. This expansion was appropriate to the mission of the College and to the potential of our service. We do not, however, believe in growth for its sake alone, and we are committed to maintaining small class enrollments and a full-time professional teaching faculty to ensure that our students will find a personal and individualized learning environment.

Our growth in the future will be reflected in a different, more subtle dimension. We have strengthened our academic programs and made them more responsive to the ambitions and needs of our students. We shall continue as a personal and caring community. We shall continue to stress quality in faculty and staff to challenge an improving student body.

In short, we have committed ourselves to a goal of academic distinction, which takes seriously not only the responsibility of teaching but also the opportunity of sharing; a sharing which allows and encourages academic and personal growth; which emphasizes concern for both vocational and professional interests and for societal needs.

We invite you to examine us carefully, to visit our people and our facilities, and to consider our direction. We would be pleased to have you join our community and to help us realize our potential.

Dr. Harry M. Lightsey, Jr.
President

THE COLLEGE AS A LIBERAL ARTS INSTITUTION

An Overview

Since its founding more than 200 years ago, the College of Charleston has committed itself to the ideals of liberal learning. This commitment assumes that undergraduate education best prepares students for careers in teaching, medicine, business, and other professions by enabling them to become self-aware, cultured, knowledgeable about many fields in addition to their own, and constantly inquisitive about new areas and ways of learning.

Increasingly, professionals in many areas are emphasizing the importance of well-rounded liberal arts preparation in their recruitment and selection of new employees. They have found that individuals with liberal arts backgrounds are characterized by the creativity they bring to the work place and the adaptability they demonstrate in a rapidly changing world. Furthermore, a liberal arts education increases quality of life by encouraging students to pursue life-long learning at a time when the life expectancy of Americans has increased dramatically.

In its most fundamental sense, a liberal arts education involves the study of human nature, human value systems, the natural world, methods of inquiry including analysis and syntheses, and personal and societal change and development.

All individuals, institutions, and societies must continually reevaluate questions of meaning and purpose if they are to live full and responsible lives. Liberally educated men and women are the best prepared to undertake and to persist in this inquiry because:

—they have gained a broad acquaintance with the principal areas of human knowledge: the humanities (literature, languages, history, and philosophy), mathematics, logic, the fine arts, the natural sciences, and the social sciences; and

—they have mastered the basic intellectual skills: how to reason logically, how to think critically, how to communicate effectively, and how to perceive the widest implications of what they have learned.

The College of Charleston provides its students with discipline and knowledge necessary for post-graduate study and for entrance into the world of work. In addition, the College, as a liberal arts institution, ensures that the ideals of a liberal education inform, support, and enhance every aspect of its curriculum.

THE EDUCATIONAL PROGRAM

Degrees Offered

At the undergraduate level, the College of Charleston offers bachelor of arts and the bachelor of science degrees. The bachelor of arts degree may be earned by majoring in departmental programs in English, history, languages (French, German, or Spanish), philosophy, and political science, and interdisciplinary programs in classical studies, fine arts, and urban studies. Three of the science departments—biology, chemistry, and physics—offer additional major programs oriented toward the humanities and leading to the bachelor of arts degree. Major programs in biology, business administration, chemistry, computer science, economics, elementary and special education, geology, mathematics, physical education, physics, psychology, and sociology lead to the bachelor of science degree. Specialized preprofessional programs lead to the Bachelor of Science with Dentistry and the Bachelor of Science with Medicine. The requirements for all of these degree programs are printed in section V of this *Bulletin*.

At the graduate level, the College offers the Master of Education degree with concentrations in elementary, special education, or early childhood education. This degree is for those who graduated with an undergraduate degree in education. In the fall of 1984 the College began offering the Master of Arts in Teaching program for liberal arts graduates wishing to pursue a teacher preparation program at the elementary or early childhood level or in special education. A Master of Public Administration program in urban public administration, a joint master's degree program with the University of South Carolina, was implemented in the fall of 1978. The College also offers graduate programs in History and Marine Biology. A Master's of Science in Mathematics degree program was implemented in 1991. Information about all of these graduate programs is found in the College of Charleston's *Graduate Bulletin*, which may be obtained from the Office of Graduate Studies.

The Faculty

The College of Charleston's teaching staff is highly qualified. As of fall 1991, the full-time faculty consisted of approximately 300 men and women. More than 85 percent of the faculty members hold terminal degrees—the Ph.D. or its equivalent.

The College is a liberal arts college, where the major emphasis

is on excellent teaching, but with the recognition that a faculty of scholars makes for the best, most stimulating, teaching. The faculty is active in publishing, delivering papers, attending conferences, and creating and participating in professional symposia, lecture series, and performances. While teaching styles and techniques are as varied as the personalities of the individual instructors and the demands of their academic disciplines, the teaching staff is unanimously committed to maintaining strong academic programs and a learning environment that is both challenging and inviting. Within this environment, students will meet professors whom they find professionally and personally inspiring, and with whom they can develop an open and rewarding relationship.

HISTORY OF THE COLLEGE

Founded in 1770 and chartered in 1785, the College of Charleston is the oldest institution of higher education in South Carolina and is one of the small number of colleges in the nation that trace their origins back to the colonial period. In 1826, when the College first received financial aid from the City of Charleston, it became the first municipal college in the United States. The durability of the College is impressive, but even more so is the commitment of generations of its faculty, administrators, and staff to provide a liberal arts education of the highest quality. The true measure of the College of Charleston is the caliber of students it serves, individuals who have played leading roles in the history, arts, business, and politics of the South Carolina Lowcountry and of the nation.

The First Two Hundred Years: 1770-1970

The College of Charleston received its charter from the General Assembly of South Carolina in 1785. This charter gave legal form to an institution that had been founded 15 years earlier, when the first contribution was made to its endowment. As early as the 1740s, however, prominent individuals who were concerned about the intellectual life of the community and were members of the Charles Town Library Society had advocated the establishment of a college. Even before that, in 1707, the colonists' determination to establish a college had led them to set aside portions of land for a school.

Soon after receiving its charter, the College held its first classes in the home of its new president, Dr. Robert Smith, who was later appointed the first Episcopal bishop of South Carolina. Under Dr.

THE COLLEGE

Smith's leadership, a building that had served as a barracks during the Revolutionary War was renovated and adapted for academic purposes. In 1794, the College conferred its first degrees.

In spite of its initial promise, the College faced a crisis created by declining enrollments and mounting debts in the early years of the 19th century. The College was able to maintain its program of instruction only by selling parcels of its land and by exercising the strictest austerity. Between 1817 and 1828, the College succeeded in clearing its debts, reorganizing its administration, and erecting a new building, the "centre building," that was to remain an architectural landmark. Now called Harrison Randolph Hall, the "centre building" was completely restored in 1976. In 1826, toward the end of this critical period, the College received an appropriation of financial aid from the Charleston City Council. This appropriation established the principle of municipal patronage and gave the College the status of a municipal institution. Legal confirmation of this arrangement came in 1837, when an amendment to the charter permitted the trustees to transfer the College properties to the city, which provided annual financial support.

With the disruption that war brought to all phases of Southern life after 1860, classes at the College were discontinued for a time, and faculty, students, and even the library were scattered. The College reopened in 1866. But it had survived the crisis of war only to confront new difficulties. A sharp drop in enrollment during the Reconstruction period created a terrible financial strain for the College, and its resources were taxed even further when its main building was heavily damaged in the earthquake of 1886. Still, the College persevered and found new strength. The period from 1886 on saw a steady expansion of the College's curriculum and an equally steady rise in scholastic standards.

During the 20th century, the College has undergone three changes of status. After 1918, when women were first admitted to the College, Charleston County supplemented city funds with its own annual appropriation. Both municipal and county support continued until 1949, when the General Assembly of South Carolina returned the College to its private status. Finally, in 1970, the College became a state institution.

Throughout most of its history, the College of Charleston has been a small institution. Not until this century did its enrollment exceed 100 students. Before 1970, enrollment remained below 500. Those who were enrolled received a traditional liberal arts education that emphasized the classical languages. In its development since 1970, the College has continually looked back on this proud past, and has reaffirmed its

commitment to academic excellence and to community, state, and national service.

Into the Third Century: 1970 to the Present

After the State College Board of Trustees assumed control of the College on July 1, 1970, a remarkable transformation began. Under the leadership of President Theodore S. Stern, the College of Charleston became the fastest growing college in the state. It is now the largest educational institution in the Lowcountry, and the third largest institution of higher education in South Carolina.

Dramatic increases in the numbers of students and faculty have been coupled with an equally impressive development and expansion of the College campus. The 95 buildings of the campus include: Harrison Randolph Hall (now the central administration building); Burnett Rhett Maybank Hall (an office and classroom building); the Science Center, its addition, and Physicians Memorial Auditorium; the Thaddeus Street, Jr., Education Center; the Robert Scott Small Library; the Theodore S. Stern Student Center; the Simons Center for the Arts; the F. Mitchell Johnson Physical Education Center; the J. C. Long Building (faculty offices, classrooms, and the main computer lab); the Bishop Smith House (the president's residence); residence halls for men and women; a cafeteria; a student health center; a bookstore; historical residences converted into faculty and administrative offices; a central energy facility; and a physical plant, warehouse, and repair shops. The College also operates the George D. Grice Marine Biological Laboratory at nearby Ft. Johnson on Charleston Harbor, an outdoor activities facility located at Remley's Point on the Wando River, and the J. Stewart Walker Sailing Center located in downtown Charleston.

However impressive, a bare inventory of buildings cannot capture the spirit of the College's development—a spirit of renewal through preservation. In its painstaking restoration of the historic buildings on its campus, in its renovation of numerous old homes on adjacent streets, and in its construction of new buildings that complement the old, the College literally has rebuilt its campus on its historic foundations. The College's reconstruction also has inspired the renewal of its immediate neighborhood, where many historic buildings have been beautifully restored. In the surrounding streets, where a number of College faculty and staff live, the College gently merges with the city for which it was named and which it has served for more than 200 years.

ADMISSIONS, FEES, AND FINANCIAL ASSISTANCE



ADMISSIONS
(803) 792-5670

As an equal educational opportunity institution, the College of Charleston makes no distinctions on the basis of race, color, sex, creed, or national origin either in admitting students or in any of its other activities. Believing that its educational program and its campus life are enriched by a student community that includes a variety of individuals—persons of different races, age groups, religious persuasions, and ethnic backgrounds—the College encourages all qualified persons who are attracted to its programs to apply for admission.

**THE APPLICATION AND ADMISSION PROCESS FOR DEGREE CANDIDATES AND
NON-DEGREE CANDIDATES UNDER 21 YEARS OF AGE**

Visits to the College. The College encourages all individuals interested in applying for admission to visit the campus. While not required, a scheduled appointment will enable the prospective applicant to receive a personal introduction to the College. Appointments should be made through a staff member of the Office of Admission, who will schedule a meeting with the individual and will arrange for a campus tour.

When to apply. The College will consider applications until all classes have been filled or, from applicants who want to live at the College, as long as there are residence hall rooms available. However, all applicants are encouraged to apply early in the year prior to their intended enrollment. Students who wish to enroll in August are encouraged to apply by May 1, and those wishing to enroll in January by Nov. 1.

To be considered for an academic scholarship beginning in the fall semester, a prospective student should apply for admission by January 15 of that year.

Application Materials. Any person wishing to apply for admission should write to the Office of Admission requesting the necessary forms. All applicants must return to the Office of Admission the completed application form and a \$25 non-refundable application processing fee. In addition, the different categories of applicants must submit the following items:

ADMISSIONS, FEES, AND FINANCIAL ASSISTANCE

Applicants for freshman admission must submit their secondary school transcript(s) and their Scholastic Aptitude Test (SAT) scores or results of the American College Testing Program (ACT).

Applicants for transfer admission must submit a transcript from each college attended, including summer school. Transfer applicants who have not earned at least 30 semester hours of transferable credit at the time of their application must also submit their secondary school transcript(s) and their Scholastic Aptitude Test scores or American College Testing results.

Applicants under 21 years of age applying for admission as non-degree students must submit a transcript from each college attended, including summer school. Non-degree applicants who have not attended college must submit their secondary school transcript(s) and results in either the SAT or ACT.

All applicants must also submit any additional items requested in the application materials or by the Office of Admission.

Standardized Tests. All applicants for freshman admission must submit the results of either the Scholastic Aptitude Test (SAT) or the American College Testing Program (ACT). Individuals can make arrangements to take the SAT through their school principal or guidance counselor, or by writing directly to the College Entrance Examination Board, Box 592, Princeton, New Jersey 08540 or ACT PO Box 414 Iowa City, Iowa 52243. In reply, the testing agency will send the necessary application forms together with its bulletin containing information on the general nature of the tests, the dates tests are given, the centers where they may be taken, and the fees required. The applicant must request that the results of the tests be sent to the College of Charleston. When selecting a test date, applicants should bear in mind that about four weeks are required for the scores to reach the Office of Admissions, and that the Admissions Committee can make no decision until these scores have been received.

Admission Procedures. Applicants will be informed whether or not they have been accepted for admission as soon as possible after a decision has been made. If accepted, individuals are usually given three weeks to reply. The applicant's acceptance of the College's offer of admission is noted only on receipt of the \$100 Advance Tuition

Deposit. This deposit, credited to the student's tuition, is refundable until **May 1** for fall semester applicants, and until **December 1** for spring semester applicants. Students who plan to live at the College will also be required to submit a \$250 deposit at such time that the housing/residence hall contract is issued. This deposit is refundable on the same basis as the Advance Tuition Deposit. Finally, all students accepted for admission must submit a satisfactory Health and Immunization Record to the College Health Service.

ADMISSION AND PLACEMENT POLICIES

Freshmen. A freshman applicant is a person who has not attended a university, college, or technical school. Applicants who attended a post-secondary institution while still in high school are also classified as freshmen. However, these applicants must submit official transcripts of their college work whether or not they expect to receive credit.

To receive consideration for admission to the College of Charleston, applicants must submit a completed application form with a non-refundable application fee, official high school records complete up to the time of application, and results of the Scholastic Aptitude Test (SAT) or American College Testing Program (ACT). It is the responsibility of applicants to ensure that all required information is completed and sent directly to the Office of Admissions.

Freshman applicants must have either a high school diploma or its equivalent, the General Educational Development Test (GED), prior to enrolling. The results of the GED will normally be used in place of the high school diploma only if the applicant left secondary school at least two years before intended enrollment at the College of Charleston. All students are required to submit final transcripts verifying graduation or the most recent semester of high school attendance.

Prospective students are expected to have adequate preparation for the curriculum in which they plan to enroll. All public senior colleges and universities in South Carolina require that applicants for freshman admission must have completed certain courses in high school before they will be admitted. These requirements are listed below:

Area	Units
English	4: At least two having strong grammar and composition components, at least one in English literature, and at

ADMISSIONS, FEES, AND FINANCIAL ASSISTANCE

	least one in American literature (completion of college preparatory English I, II, III, and IV will meet these requirements);
Mathematics	3: Including Algebra I and II; geometry is strongly recommended as the required third unit and a fourth unit is recommended but not required;
Laboratory Science	2: At least one unit each of two laboratory sciences chosen from biology, chemistry, or physics; a third unit of a laboratory science is strongly recommended;
Foreign Language	2: Two units of the same foreign language;
Other	1: One unit of advanced mathematics or computer science or a combination of these; or one unit of world history, world geography, or western civilization;
U.S. History	1
Additional Social Studies	2: Half unit each in economics and government are strongly recommended.
Physical Education	1

Review Process. The admissions decision process weighs carefully the student's academic preparation, rank in class, SAT/ACT results, and recommendations from the high school. Therefore, both quantitative and qualitative components guide the Office of Admission in reaching decisions on applicants.

Transfer Students. A transfer applicant is a person who graduated from high school, attended another college-level institution, and

attempted one or more courses regardless of credit earned. If an applicant has earned fewer than 30 semester hours (45 quarter hours) of college-level work, the applicant must meet transfer and freshman entrance requirements. The maximum number of transfer credits acceptable toward a College of Charleston degree is 92 semester hours from a four-year institution. Normally, 60 semester hours are the maximum from a two-year institution. Should a student exceed 60 semester hours at a two-year institution a petition in writing must be submitted to the Dean of Admission.

Applicants for transfer admission will be considered only if eligible to return to the last institution attended as a regular student.

Transfer applicants for admission must submit:

- 1) Completed application forms with the specified non-refundable application fee.
- 2) Official transcripts of college-level courses attempted for each college attended. If courses are in progress at the time of application, a final supplemental transcript must be sent to the Office of Admission upon completion.
- 3) Complete copy of high school records, including SAT or ACT results, if less than 30 semester hours (45 quarter hours) have been earned at other colleges or universities.

All applicants will be admitted who submit the documentation outlined above, who are eligible to return to the last institution attended, and who have a minimum cumulative GPA of 2.3 or better (on a 4.0 scale) at all previous institutions attended. Those applicants with a cumulative GPA of less than 2.3 (on a 4.0 scale) will be carefully considered on the basis of the quality of their credentials.

If accepted, work completed at other institutions with a grade of "C-" or higher will be evaluated for transfer in terms of equivalent courses at the College of Charleston within the applicant's choice of curriculum. If courses have been graded on a "pass-fail" basis, transfer credit can be awarded if the institution where the courses were completed will assign a minimum equivalent of "C-" to the "pass" grade.

Students with transfer credit for courses taken more than seven years prior to the applicant's expected date of enrollment: Upon completion of 15 semester hours at the College, credits will be accepted and entered on the College transcript.

ADMISSIONS, FEES, AND FINANCIAL ASSISTANCE

Concurrent Enrollment. Students enrolled in high school may take courses at the College of Charleston when this concurrent enrollment is fully approved by the principal and/or guidance counselor of the secondary school in which the student is enrolled.

Students are required to complete a non-degree application for admission, submit a written recommendation from the principal or guidance counselor, and submit a copy of high school records. Advising for course selection will be available and the student will be registered for the course(s) agreed upon after approval of the academic department.

The courses carry full college credit, therefore, the students are subject to the academic regulations of the College of Charleston.

Continuing Education Students. As a part of its mission of service to the community, the College of Charleston welcomes adults who wish to take credit courses. Through the Center for Continuing Education, persons 21 years of age or over who hold a high school diploma or equivalent and who have not been dismissed from any college nor denied admission to the College of Charleston may enroll in day or evening credit courses, which will be applicable toward the completion of an undergraduate degree at the College.

Categories of Continuing Education students include:

- a) Individuals who wish to establish an academic record before deciding if they will make a commitment to earning a degree by applying through the Office of Admission for degree student status. This category includes adults who may have been out of school for a period of time and are unsure of their present ability to compete at the college level. This category provides an opportunity to enroll for courses at the College. Students who decide that they wish to earn a degree are advised to apply through the Office of Admission for degree candidacy upon the successful completion of 15 semester hours (2.0 GPA). These students are expected to apply before completing 60 semester hours, including any credits expected to transfer from previous college(s) attended. Category a) students are encouraged to complete the English 101-102 minimum requirement immediately, if they have not already done so. Students must meet graduation requirements of the *Undergraduate Bulletin* under which they are admitted to degree status.

- b) Individuals who currently do not plan to earn a degree from the College but are taking courses to fulfill employment requirements, personal interests, or to earn a degree from another institution. These students may or may not already have a degree.
- c) Senior citizens, persons 60 years of age or older, who are residents of the State of South Carolina, may take courses upon a space available basis free of tuition charge. However, a nominal fee will be assessed. Courses may be taken either for credit or audit by senior citizens under a state legislative provision. Senior citizens must present proof of age at their first registration. Senior citizens who wish to earn degrees must apply through the Office of Admission as do category a) students.

Visiting Students. For the fall and spring semesters, visiting students (non-consortium) who plan to earn a degree from another institution must present a letter from their home institutions to the Center for Continuing Education certifying that they are currently enrolled at another institution and/or on a leave of absence and are eligible to take courses at the College of Charleston. Maymester and summer visiting students enroll through the Office of Maymester and Summer Sessions. Visiting students are not eligible for financial aid at the College of Charleston.

General Education Development Test (GED). The results of the General Education Development Test will be used for freshman admission in place of the previously stated policy governing freshman admission only if the applicant left secondary school at least two years before intended enrollment at the College of Charleston. The minimum acceptable GED score for admission will be that score for awarding an equivalent secondary school diploma in the state where the test was taken. Applicants for admission who submit the GED in place of a high school diploma must also submit a transcript of secondary school work attempted and the results of either the SAT or ACT.

College Entrance Examination Board Advanced Placement Examinations. The Advanced Placement program of the College Entrance Examination Board is accepted at the College of Charleston. Students who have taken college-level courses in secondary school and who have achieved a score of 3, 4, or 5 on an advanced placement examination will be awarded advanced placement credit.

ADMISSIONS, FEES, AND FINANCIAL ASSISTANCE

College Entrance Examination Board College Level Examination Program (CLEP). The College of Charleston will accept for credit and placement CLEP Subject Examinations.

The passing grade for each examination will be the score recommended for credit by the National Council on College Level Examinations. After evaluating the essay examination, the department concerned may require that the student satisfactorily complete up to two semesters of advanced work in the department before CLEP credit is given. When credit is given, the student's record will show that the credit comes from a CLEP examination(s).

CLEP tests are offered once each semester and will be administered in March and October of each academic year. Further information and application forms may be obtained from the Counseling Center.

International Students. Recognizing that international students bring a wealth of educational and cultural benefits to the College and the community, the College of Charleston welcomes applications for admission by students from abroad. Young men and women who possess high academic and personal qualifications, and who have a sufficient command of spoken and written English to allow active pursuit of a full course of studies, will discover that an exciting personal and intellectual challenge awaits them at the College of Charleston.

In addition to satisfying the College's general admission requirements, applicants from abroad must provide proof that they are proficient in English (generally by submitting the TOEFL results) and that they have adequate funds to meet their educational expenses.

International students should direct inquiries and requests for further information to the Office of International Student and Exchange Programs or the Office of Admission.

READMISSION

Admissions Guidelines for Students Applying for Readmission. Any student at the College of Charleston who voluntarily withdraws from the College or is dismissed for academic deficiency must apply for readmission in order to re-enroll. The College does not admit students who are ineligible to return to the last college or university attended. This rule applies to all students, including those applying for readmission. All students who have done previous work at other colleges or universities must have their transcripts sent to the Office of Admission. In making decisions on those applying for readmission,

providing the student is eligible to return to the last institution attended, the following guidelines will be used:

- 1) Students who voluntarily withdraw from the College while in good standing and with a cumulative GPA of 2.0 or above will be approved for readmission.
- 2) Students who have been dismissed from the College for academic deficiency and who complete the suspension period will be considered for readmission. Because the simple passage of time cannot ensure that dismissed students will improve their academic record, applicants for readmission must submit with their applications for readmission a personal letter addressed to the Office of Undergraduate Studies outlining how they have used their time while out of school and giving their reasons for believing that they will now be successful at the College. Those students whose records at the College of Charleston indicate that successful completion of a College of Charleston degree in a reasonable length of time is impossible or extremely improbable will not be accepted. They will be advised accordingly and urged to seek alternative plans. Those whose records indicate that they can reach graduation standards in a reasonable period of time must meet the following conditions for readmission:
 - a) They must complete a special one-day workshop that contains information on the services that the College provides for students with academic difficulties, the academic requirements they must satisfy, and their personal responsibilities in reaching good academic standing. During the workshop students will be allowed to enroll in the course, Learning Strategies (Education 001), to give them the opportunity to attain the skills necessary to succeed at college.
 - b) Each student must sign a readmission contract prepared by the Office of Undergraduate Studies. The contract specifies the grade point average (GPA) and other specific requirements that readmitted students must meet in order to remain at the College of Charleston.

ADMISSIONS, FEES, AND FINANCIAL ASSISTANCE

Grades for readmitted students on contract are reviewed every semester or until students bring their GPAs into compliance with the College's standard minimum scholastic attainment. In effect, readmitted students on contracts are placed on probation when returning and are subject to immediate dismissal if they do not meet the conditions of their contracts.

- 3) Students who voluntarily leave the College while on probation will be readmitted but under conditions in 2 (a,b) above.
- 4) Students who voluntarily leave the College and who are not on probation, but who have less than a 2.0 cumulative GPA, will be readmitted conditionally in accordance with 2 (a,b) above.
- 5) Students who previously attended the College as provisional students but failed to meet the conditions of the program must satisfactorily complete a minimum of 30 semester hours at another institution before applying for readmission. They will only be considered for admission if they meet the admission standards applied to transfer students. (See page 23 of this *Bulletin*.)

Academic Forgiveness Policy/Three-Year Transfer Option.
(See page 111 of this *Bulletin*.)

FEES AND EXPENSES

As a state-assisted institution, the College of Charleston's fees are based on appropriations granted by the South Carolina General Assembly. Accordingly, the fees charged by the College will be directly affected by the action of the Legislature and are therefore subject to change without notice.

All fees are due and payable in full before or during the official registration. Checks for the exact amount of charges should be made payable to the College of Charleston.

All fees listed in this section are for 1991-1992 and are subject to change at any time.

College Fees—Per Semester

	*S.C. Resident	Non- Resident
Academic and General Fees For 12 hours or more	\$1,200	\$1,200
Out of State Differential	<u> -0- </u>	<u> 1,125 </u>
Total Academic and General Fees	\$1,200	\$2,325
For 11 hours or less (course fee per credit hour)	\$100	\$200
Audit fee (per credit hour)	\$100	\$200

The maximum undergraduate part-time and graduate fees per student per semester will not exceed the total academic and general fees for full-time students.

*S. C. Resident—Students shall be considered residents of the state of South Carolina if their parents or persons acting in a *bona fide in loco parentis* status are legal residents of the state in accordance with legislation of the South Carolina General Assembly. Military persons on active duty stationed in South Carolina and their dependents pay in-state fees.

FEES AND EXPENSES

HOUSING AND CAFETERIA FEES

Room Fees (all residences) are \$950 per semester. Rooms are normally occupied by two or more students. An additional \$50 per semester will be charged for designated private rooms when available.

Advance Housing Payment and Damage Deposit. An advance deposit of \$200 is due from returning students on or before March 1, one-half to be credited to the fall semester and one-half to the spring semester. A \$50 damage deposit is due from new students as indicated in the letter of acceptance, and the \$200 advance deposit will be required upon return of the housing contract.

Meal Plans: Students are responsible for payment of meals, eaten or not, until a change is made in person in the Business Affairs Office. No decreases or cancellations after the cafeteria opens.

	Per semester
7 meals/week	\$400
12 meals/week	\$495
21 meals/week	\$550

Prices are subject to change as dictated by food and labor costs. Meal plans are non-transferable.

SPECIAL CHARGES

Computer Science Lab Fee (per course)	\$ 10
Computer Fee (prorated on each credit hour for part-time students)	\$ 2
Matriculation Fee	\$ 35
Duplicate Identification Card	\$ 3
Application Fee	\$ 25
Graduation Fee for Seniors	\$ 25
Late Registration Fee	\$ 25
Returned Check Fee (per check)	\$ 15
Science Laboratory Fees	\$ 35
Language Lab Fee (100 and 200 levels and ESL)	\$ 35
Applied Music Fee (per semester)	
Class lessons	\$100
1/2 hour private lessons	\$100
1 hour private lessons	\$200
Sailing Fee	\$ 40

Golf Fee	\$ 25
Studio Art Fee	\$ 15
Senior Citizens Registration and Lab Fees	\$ 25
Education Fee (Special Off-Campus Teaching)	\$ 15
Motor Vehicle Parking Fee (per semester)	
On-campus surface parking	\$ 60
Garage	\$150

TRANSCRIPT CHARGE

One transcript of a student's record will be issued free of charge. Additional copies may be secured at \$3.00. Checks or money orders should be made payable to the College of Charleston. Transcripts will not be issued for any student whose account is in arrears with the Office of the Registrar or the Treasurer's Office. A student's record can be released by the Registrar only upon specific signed request of the student. This request must be made in writing at least two weeks before the date the transcript is desired.

REFUND POLICY

The College of Charleston authorizes academic and general fees refunds for students who withdraw from school according to the following schedules. No refunds will be authorized beyond the period specified. To be eligible for a refund, the request must be submitted in writing to the Business Affairs Office. Refunds are based on the date of official withdrawal.

Refund Policy - Academic and General Fees

- a) **Fall and Spring Semesters**
- | | |
|--|------|
| through the official drop/add period | 100% |
| through the first week following drop/add | 80% |
| through the second week following drop/add | 60% |
| through the third week following drop/add | 40% |
| through the fourth week following drop/add | 20% |

FEES AND EXPENSES

b) **Maymester:**

through the official drop/add period	100%
through the first day following drop/add	80%
through the second day following drop/add	60%
through the third day following drop/add	40%
through the fourth day following drop/add	20%

c) **Summer I or II:**

through the official drop/add period	100%
through the first day following drop/add	80%
through the second day following drop/add	60%
through the third day following drop/add	40%
through the fourth day following drop/add	20%

d) **Summer I or II Evening:**

through the official drop/add period	100%
through the first day following drop/add	80%
through the second day following drop/add	60%
through the third day following drop/add	40%
through the fourth day following drop/add	20%

Meal Plan Fees. Meal plan refunds will be prorated, based upon withdrawal date from the College.

Advance Room Reservation and Damage Deposit. The \$200 Room Reservation and \$50 Damage Deposit is refundable with written notification to the Director of Housing by the prescribed deadline stated in the Housing Contract upon withdrawal from the College less any outstanding charges for damages and keys.

Room Fees. Room fees are non-refundable. The College makes no reductions in fees because of temporary absence during the year.

For undergraduate students, reimbursement for dropped courses must be requested in writing according to the dates specified above. Refunds are not initiated for students who do not do so.

Students enrolled in graduate courses should drop the class and request reimbursement in the Office of Graduate Studies. The graduate office staff will initiate the proper paperwork and send the authorization for a refund to the Office of the Treasurer. The refund process ordinarily takes three to four weeks.

AUDITING COURSES

Persons wishing to audit regular academic courses at the College must pay special course fees and per-credit-hour costs. Persons 60 years of age or older pay no tuition but do pay a nominal fee.

Permission to audit a regular academic course must be received from the instructor teaching the course. This authorization will be given after late registration has been completed and only if there is a seat available in the class. An audit must be declared no later than the end of the drop/add period; a student may switch from grade to audit status or audit to grade status only within the drop/add period.

An audit will be recorded on a student's permanent record at the College. Faculty may set attendance and/or other requirements for audit students; an audit may be revoked if the student does not comply with these requirements.

Audits are not permitted in studio courses.

GENERAL REGULATIONS

Parents and guardians of minors accept all conditions of payment and regulations upon the student's acceptance for admission.

Diplomas and transcripts are not issued until all College accounts have been paid in full.

Each student is liable for any breakage and for any damage to rooms or furnishings.

The College of Charleston assumes no responsibility for losses due to fire, theft, or any other cause.

FINANCIAL ASSISTANCE

FINANCIAL ASSISTANCE

803-792-5540

The College of Charleston offers financial aid to help students meet their educational expenses. The College recognizes that the cost of a college education is a major expense item in most family budgets and has designed a financial assistance program to help those qualified students who need assistance to attend the College.

The College offers a variety of financial aid sources including federally funded programs, scholarships, athletic grants, and student employment. Most financial aid is awarded on the basis of financial need. To ensure an effective and fair assessment of need, the College subscribes to the "Congressional Formula" for an evaluation of family financial resources. The evaluation determines the amount of the expected family contribution.

When the evaluation indicates an inability of the family to pay the total cost of an education from its own resources or a family cash-flow problem, the College can provide assistance through its participation in federal student aid programs, by establishing a monthly budget plan, or through private loan funds. In addition, the College offers merit-based scholarships that are awarded on a competitive basis to students with exceptional academic credentials, and restricted scholarships that are awarded to students who meet the criteria established by the individual donors. The staff of the Office Financial Assistance and Scholarships is available to assist students and their families in exploring the options that are available to them and in developing an individualized financial plan to help meet the needs of the student.

APPLICATION PROCESS

Students who apply for admission by January 15 are automatically considered for academic scholarships (see "Scholarships"). Applications for financial assistance packets are distributed on/after December 15 for the subsequent academic year. The priority due date for receipt of the application analysis in the financial aid office is April 15. Applications received after April 15 will be processed as long as funds are available.

The College of Charleston accepts any of the needs analysis documents available to students nationally. The only requirement is that the student include the College of Charleston among the top three institutions listed on the form.

Financial assistance may not be awarded in excess of the amount the student needs for educational expenses as determined by the need analysis document. The combination of loans, grants, or scholarships may not exceed the total cost of attending the College of Charleston for one academic year.

SATISFACTORY ACADEMIC PROGRESS

Applicants for federal assistance must be in compliance with the College's Reasonable Academic Progress Policy for aid recipients as stated in the "Award Information Terms and Conditions" booklet. Students found not to be in compliance will be placed on warning or probation and, if the deficiency continues past the probation period, will be excluded from financial assistance.

Students who are ruled ineligible for further federal financial assistance funds may appeal this determination under specifically prescribed conditions. Information concerning the appeals process is available in the Office of Financial Assistance and Scholarships.

ACADEMIC SCHOLARSHIPS

Students who apply for admission on or before January 15 automatically are considered for academic scholarships. Students should file the Application for Financial Assistance as early as possible after January 1 as some scholarships require the student to demonstrate need. The selection process is highly competitive. Generally, students should meet the following criteria: (1) graduate in the top 10 percent of their high school graduation classes, (2) score 1100 or better on the SAT, (3) possess strong academic records, and (4) have special talents or participate in activities that demonstrate leadership. Students who are selected to receive a scholarship will be notified during the month of March.

The **Presidential Scholarship** is the College's most prestigious scholarship. The **Harrison Randolph Scholarship** is typically awarded to alternates for Presidential Scholarships and to other academically qualified students using the same selection criteria. **General College of Charleston Scholarships/Grants** are given to qualified students on an annual basis. The stipend amount will vary from scholarship to scholarship.

While there is no formal application for an academic scholarship, students are urged to apply for admission by the January 15 deadline.

FINANCIAL ASSISTANCE

Students who have completed at least 30 hours of credit at the College and who are not currently receiving a scholarship also are considered for a scholarship from the College of Charleston. Grades are reviewed in the spring, and students currently holding a scholarship who meet the criteria are reawarded. If any funds remain after renewals, new scholarships may be awarded based on academic achievement and financial need to upperclass students.

There are also certain restricted and endowed scholarships for which the Office of Financial Assistance and Scholarships submits possible candidates. Candidates are selected or recommended on the basis of cumulative grade point average at the College and any restrictions set by the original donors.

The Office of Financial Assistance and Scholarships maintains a bulletin board located outside of Physicians Auditorium that lists private sources of scholarships from outside organizations. This generally requires some initiative by the student. Students may wish to investigate scholarship possibilities in a variety of areas, some of which are suggested below:

- 1) Parents' employers or professional organizations
- 2) Community organizations (e.g., chamber of commerce)
- 3) Fraternal organizations (e.g., Elks, Rotary Club, etc.)
- 4) Local PTA groups
- 5) Local businesses and industry

RENEWAL POLICY

There are certain standards for renewal of scholarships awarded by the College. Recipients must complete no fewer than 24 semester hours each academic year, excluding Maymester and Summer School. Recipients of Presidential Scholarships must maintain a cumulative GPA of 3.40, and for all other scholarships a 3.0. If a scholarship is renewable and the student has maintained the required academic standards, the scholarship will be renewed automatically. Renewals are made in the spring of each year for the upcoming academic year. Students are notified of renewal in early summer.

ENDOWED SCHOLARSHIPS AND SPECIAL GIFTS

The following scholarships are made possible from gifts to endowed scholarship funds and special gifts made through the College of Charleston Foundation and the Alumni Association. Academic

performance and the wishes of the donor are considered in making these awards. The funds generated from these endowed and special gifts are used to award those qualified students described above and do not mean that the student must file an application for each source.

Saul Alexander Scholarship. Annual unrestricted scholarship made possible by a grant from the Saul Alexander Foundation.

Alumni Association Scholarships. The Alumni Association of the College offers scholarships to entering freshmen and upperclassmen. Formal application is required by March 1 and application forms are available from the Office of Alumni Affairs and the Office of Financial Assistance and Scholarships. Primary consideration is given to applicants who demonstrate strong leadership skills.

Amoco Scholarship. Annual scholarship made by Amoco for a student majoring in computer science; awarded by the Department of Computer Science.

Anonymous Scholarship. Established in 1985 by an alumna of the College to provide a full scholarship for an incoming student who demonstrates outstanding scholarship potential.

School of the Arts Departmental Scholarships. Various scholarships are offered annually. The Departments of Art, Art History, Music, and Theatre select recipients on the basis of artistic performance.

Wilfred W. Ballard Scholarship. Established in 1982 by bequest of the late Wilfred W. Ballard for support of worthy students enrolled in the College.

Minnie L. Barnett Scholarship. Established in 1926 by Mrs. Minnie L. Barnett of Sumter, South Carolina, to provide scholarships for women students.

Frances Bennett Memorial Scholarship. Established as an annual award by the Charleston Junior Woman's Club in memory of Frances Bennett, an alumna of the College and a charter member of the club. The scholarship is open to women from the tri-county area. The recipient is selected by the club.

FINANCIAL ASSISTANCE

T. Moultrie Beshere, Sr., Scholarship. Established in 1982 by Thomas M. Beshere, Jr., as a memorial to his father, T. Moultrie Beshere, Sr. The purpose of this scholarship fund is to provide financial assistance to worthy students.

Charles V. Boykin Scholarship. Established in 1986 by Charles V. Boykin, class of 1937, to provide assistance to students studying marine engineering and naval architecture. Recipients study at the College for two to three years taking pre-engineering and liberal arts courses and then complete their degrees at the University of Michigan.

Gregory A. and Cynthia Tate Brewer Scholarship. Established in 1984 by Mr. O. W. Brewer in honor of his son and daughter-in-law, both graduates of the College. This scholarship provides assistance to a South Carolina resident who is a junior or senior majoring in chemistry and is awarded by the Department of Chemistry.

Walter James Bristow Scholarship. Established in 1978 by Mrs. Walter J. Bristow in honor of her husband. This fund provides financial assistance to a pre-medical student from South Carolina. Dr. Bristow was a member of the College of Charleston's class of 1911.

Frank X. Burkart Scholarship. Awarded to a student with demonstrated financial need. The scholarship was established in 1984 by Dr. Thomas Burkart, class of 1969, in honor of his father who attended the College from 1948-1949.

Thomas Carroll Memorial Scholarship. Established in 1985 by Robert and Edwin Carroll in honor of their father, Thomas W. Carroll. The recipient is a computer science major and is selected by the department.

Charleston Chapter of the American Society of Military Comptrollers Scholarship. Annual scholarship made possible by the society for students majoring in business. Selection for the award is made by the School of Business and Economics.

Class of 1938 Scholarship. Established in 1988 by members of the class in honor of their 50th reunion to recruit outstanding students. The scholarship is awarded to freshmen who have also been accepted to the College's Honors Program.

Benjamin and Frances Cheek Scholarship. Established in 1990 by Dr. and Mrs. Benjamin Cheek. This scholarship is designated for students with demonstrated financial need who also show academic promise. Children of alumni and currently employed faculty or staff are not eligible.

Class of 1939 Scholarship. Established by members of the class of 1939 in honor of their 50th reunion. The scholarship is unrestricted.

College of Charleston Foundation Scholarships. College of Charleston and Harrison Randolph scholarships are awarded from this fund which comes from the income derived from the combined endowments of the Edward R. Miles Scholarship, established in 1899 by Mrs. Mary Peronneau; the Asher D. Cohen Scholarship, established in 1905 by Mrs. Miriam Cohen; the A.C. Kaufman Scholarship, established by bequest of the late A.C. Kaufman; the David Sternberger Scholarship, established in 1931 by Mrs. David Sternberger; the Julian F. Nohrden Scholarship, established as a memorial to the late Julian F. Nohrden by the Parent/Teacher Association of Julian Mitchell School; the Rosalie Raymond Scholarship; the Thomlinson Scholarship, established in 1945 by Mrs. Edwin S. Thomlinson; and the Yarnell Scholarship Fund, established in 1962.

Frederick Jacob Collins Scholarship. Established in 1986 by Frederick J. Collins to provide full tuition and a specified allowance for books. Preference is given to students who are residents of Greenville County.

The Association for Computing Machinery Scholarship. An annual scholarship established in 1991 by the Student Chapter of the Association for Computing Machinery to encourage the study and use of computing and computing machinery. The award is given to a graduating high school senior who has been accepted to the College and has submitted the winning essay in an annual competition held by the Computer Science Department. The scholarship is for the freshman year only and is open to all applicants regardless of major.

Catherine Tobin Corelli Memorial Scholarship. Established through the bequest of Catherine Corelli, class of 1929. The scholarship is unrestricted.

FINANCIAL ASSISTANCE

Benjamin F. Cox Memorial Scholarship Fund. Established in 1982 by members of Avery Institute, class of 1932, in memory of Benjamin F. Cox, who served as principal of Avery from 1915 to 1936. Awarded annually to students from public schools in the city or county of Charleston with priority given to minority students.

Johnson Wood Cox Memorial Scholarship. Established in 1978 by members of Alpha Tau Omega fraternity and friends in honor of Johnson Cox, class of 1982. The purpose of this fund is to provide financial assistance to a premedical student at the College who is a member of a Greek fraternity or sorority. The student selected must have a 3.6 or higher grade point average.

Harriett Davidson Scholarship in Humanities. An annual scholarship established by Dr. Charles E. Higbee in honor of his sister, Harriett Davidson. The scholarship is given to a junior or senior majoring in English, the fine arts, history, languages, or philosophy.

Carolina De Fabritiis Scholarship. Established in 1969 by the late Carolina De Fabritiis Holmes, wife of Alexander Baron Holmes. First preference for the award is given to students majoring in romance languages or the fine arts.

Alexandria Dengate Memorial Scholarship. Established by Mrs. Margaret Dengate in 1984 in memory of her daughter. The scholarship is awarded to an incoming freshman who has indicated a desire for a career in public service. Additional Dengate scholarships are awarded to sophomore or junior political science students selected by the department.

Rembert Coney Dennis Scholarship. Established in 1976 by friends of Rembert Coney Dennis, state Senator from Berkeley County, to provide scholarships to students from Berkeley County, South Carolina.

Alexander C. Dick Scholarship. Established in 1987 by Alexander C. Dick, class of 1915, and Edwina Dick to provide assistance to junior or senior history majors who plan to continue their studies in law school. Formal application is required through the Department of History. The scholarship is renewable for one year.

Charlotte Buist Dickson Scholarship. Established in 1990 by Charlotte and Robert Dickson. The scholarship is designated for a tennis or basketball player from South Carolina with preference given to students from the tri-county area. Mrs. Dickson was a member of the Class of '37.

Charles and Mary Pratt Edmondston Scholarship. Established in 1984 by Frances F. Coleman, class of 1932, and the descendants of Charles and Mary Pratt Edmondston. The scholarship is worth full tuition during a student's junior and senior years at the College. The award recognizes the student who exhibits the highest scholarly record and potential in the pursuit of an undergraduate degree in business or economics. This scholarship is awarded through the School of Business and Economics.

Johnette Green Edwards Scholarship. Established in 1977 by friends of Johnette Green Edwards to benefit handicapped students attending the College of Charleston.

Charles Kevin Elliott Memorial Scholarship. Established in 1990 by family and friends in honor of Kevin Elliott, a member of the Sigma Epsilon Fraternity and the Class of 1993. The scholarship is unrestricted.

Exchange Club of Charleston Scholarship. Donated annually by the Exchange Club of Charleston. The College of Charleston selects the recipients of this award on the basis of scholastic performance and community service. The award is limited to students from Charleston, Berkeley, and Dorchester counties.

Faculty/Staff Dependent Scholarship. An annual scholarship for children of College Faculty and Staff members. Funding for the scholarship is made possible by the College of Charleston Foundation.

Federation of Charleston Women's Club Scholarship. An annual scholarship made possible by the Federation for disabled students.

Robert McCormick Figg Americanism Scholarship. Established by Senator Strom Thurmond and the John P. Gaty Charitable Trust in honor of Robert McCormick Figg, Class of 1920. The award is based on an essay contest that is open to members of the freshman,

FINANCIAL ASSISTANCE

sophomore, and junior classes.

Robert McCormick Figg Maritime Scholarship. Established by the South Carolina Ports Authority in honor of Robert Figg. The scholarship is for a junior or senior business major and is awarded by the School of Business and Economics.

Harry Freeman Scholarships. Established in honor of Professor Harry Freeman, class of 1943, upon his retirement from the College. Dr. Freeman taught at the College for more than 29 years and the scholarships were established by his former students and friends. Freeman Scholarships are reserved for two purposes: 1) for the children of alumni, who will be selected on the basis of their leadership potential by the Scholarship Committee of the Alumni Association; and 2) for students wishing to major in biology, who will be selected by the Office of Admission and the Department of Biology.

Goer Endowed Athletic Scholarship. Established in 1984 by Ernest J., Alan B., and Albert R. Goer. The scholarship is designated for a full-time student athlete.

William Heyward Grimball Scholarship. Established in 1925 by the late Charlotte B. Grimball and Gabriella M. Grimball as a memorial to their brother, William Heyward Grimball, valedictorian of the College of Charleston, class of 1857. He died in 1864 while serving as lieutenant in the Confederate Army.

William Nelson Grooms Memorial Scholarship. Established in 1988 by Mrs. Caroline Gill, Ms. Emily Bennett, and an anonymous donor in honor of William N. Grooms, noted Charleston businessman. The scholarship is given to students majoring in business and is awarded through the School of Business and Economics.

Guérard Scholarship. Established in 1986 by Theodore Guérard, class of 1950, and Elizabeth M. Guérard in memory of Mr. Guérard's parents, Russell B. and Margaret W. Guérard. In awarding the scholarship, preference is given to students who are from Charleston.

B.A. Hagood Scholarship. Established by the South Carolina Electric and Gas Company in honor of B.A. Hagood, the first president of the South Carolina Power Company. The award is restricted to

students from Charleston, Dorchester, or Berkeley counties who have financial need.

Hargrave Fund. Established in 1982 by Miss Margaret A. Moody in memory of her grandmother who was a native of the city of Charleston. The scholarship funds are to be used for the continuing education adult student.

The Lee Harwood Memorial Scholarship. Established in 1991 through the estate of Mrs. Alison Harwood, a friend of the College, and former editor of Vogue magazine, the scholarships are named for her late husband, Lee. Half of the scholarships are reserved for students majoring in music and half are to be general scholarships. All Harwood Scholarship awards are designated for students who demonstrate academic merit and financial need.

Dr. Lancelot M. Harris Scholarship. Established in 1956 by Harry Simonhoff, class of 1917, as a memorial to Lancelot M. Harris, professor of English at the College of Charleston from 1898-1947.

Dr. Lancelot M. Harris Scholarship in English. Established in 1985 by an anonymous donor of the class of 1928 for entering freshmen with a desire to major in English.

C. Norwood Hastie Magnolia Plantation Scholarship. Established by J. Drayton Hastie in 1989 in memory of his father, C. Norwood Hastie, class of 1937. Preference is given to minority male students from the tri-county area.

Rebecca Herring Scholarship. First offered in 1990, the funds for this scholarship were donated by Professor Herring's former students, colleagues, friends, the accounting community, and family in appreciation of her outstanding contributions. One or two scholarships ranging from \$500 to \$1,500 are awarded each spring semester. To be eligible, students must have satisfactorily completed at least nine semester hours of accounting (minimum six hours at the College of Charleston) and be pursuing an emphasis in accounting. Applicants must also have completed 60 semester hours and have a minimum cumulative GPA of 3.0.

Hibernian Society Foundation Scholarships. Annual awards made possible by members of the Hibernian Society of Charleston. The

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awards are made on the basis of special application. Preference is given to students from the tri-county area.

Hightower Golf Scholarship. Established in 1990 by Mr. James F. Hightower ('82), Mr. William C. Hightower, and Mr. Arthur W. Hightower in honor of their father, Mr. Cooper Hightower. An additional contribution was made by the Hon. James F. Edwards ('50), former governor of South Carolina. This scholarship provides for full tuition and fees for a men's golf team member.

Alexander Baron Holmes Scholarship. Established in 1969 by bequest of Carolina De Fabritiis Holmes in memory of her husband, Alexander Baron Holmes, and his grandfather, Francis S. Holmes, professor at the College of Charleston. Preference is given to a student majoring in one of the sciences.

John Klein Hornick Scholarship. Established in 1957 by Mary P. Hornik in memory of her husband John Klein Hornik to assist needy and worthy students attending the College of Charleston.

J. Edgar Hoover Foundation. Annual scholarship awarded by the J. Edgar Hoover Foundation to students with a demonstrated interest in criminology or law. The award is open to juniors and seniors on the basis of special application.

Huguenot Scholarship. Established in 1988 by descendants of the Huguenot settlers to celebrate the lives of their ancestors and to recognize their contributions to the state of South Carolina. The scholarship is open to junior and senior students majoring in French and is awarded on the basis of application through the Department of Languages.

F. Mitchell Johnson Scholarship. Established in 1989 by Mr. F. Mitchell Johnson, a member of the Class of 1937. The scholarship is awarded to an outstanding student athlete.

Josten's Scholarship. An annual non-renewable award for freshmen students from the South Carolina Lowcountry made possible by the Josten's Corporation and Mikell Carroll.

George E. Keeler, Jr. Golf Scholarship. Established in 1990 to provide for full tuition and fees to be designated for a men's golf team

member. The scholarship was provided by Mrs. Miriam Keeler, a former instructor and faculty chair in the English Department, in honor of her husband, Ret. Gen. George E. Keeler, Jr. Keeler taught mathematics and coached the golf team at the College from 1960-1970.

Rosina Sottile Kennerty Memorial Scholarship. Established in 1989 by William Kennerty in honor of his mother. The scholarship provides unrestricted funds.

Kirk Sheridan Kessler Memorial Soccer Scholarship. Established in 1990 by Mr. and Mrs. Raymond Kessler and friends in memory of Kirk Kessler, Class of '80, who was an outstanding soccer player and team leader. The scholarship is awarded to gifted soccer players.

Ketner Emerging Leaders Scholarship. Established in 1989 by Linda Ketner. The purpose of the scholarship is to reward, encourage and promote leadership skills among women students with preference given to Southern women. Recipients must exhibit and continue involvement in community volunteer service.

Betty A. Kinloch Scholarship. Established in 1981 by Mrs. Betty A. Kinloch for students pursuing degrees through the continuing education program.

Kreitzer Scholarship in Piano Performance. Established in 1990 in honor of Michael and Scott Kreitzer by Mrs. Sharon Kreitzer. The purpose of the scholarship is to inspire and encourage gifted pianists. It is awarded by the School of the Arts.

Samuel Lapham Scholarship. Established in 1925 by the Charleston Lodge of the Benevolent and Protective Order of Elks in honor of the late Samuel Lapham, First Exalted Ruler of Charleston Lodge No. 242.

Mary A. Lee - Adolph Coors Scholarship. Annual award for a veteran student made possible by Henry J. Lee Distributors.

Wendell M. Levi Memorial Scholarship. Established through the bequest of Wendell Levi, class of 1912. The scholarship is unrestricted with first preference given to students from Sumter County.

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McLeod-Frampton Scholarship. Scholarship funds are awarded yearly by the Agricultural Society of South Carolina to biology majors selected by the department.

Isabella Mebane Memorial Scholarship in Piano Performance. Established in 1990 by Mrs. Isabelle Mebane in memory of her daughter, Isabella. The purpose of the scholarship is to inspire and encourage outstanding young pianists. It is awarded by the School of the Arts.

MI-TECH Corporate Scholarship. Established in 1990 by the MI-TECH Corporation, the annual scholarship provides full tuition, room and board for a minority student with first preference given to students from the North Charleston area.

Mobay Scholarship. Funds are made available through an annual gift from the Mobay Chemical Corporation and are designated for chemistry majors. Selection is made by the Department of Chemistry.

John D. Muller Memorial Scholarship. An unrestricted scholarship established in 1990 by Barbara Lindstedt in honor of her father, John Muller, a member of the class of 1890.

O'Neill Scholarship. General scholarship established in 1908 by Michael E. O'Neill as a memorial to his three nephews, Dennis O'Neill, Michael O'Neill, and Daniel O'Neill.

Mrs. James H. Parker Scholarship. Established in 1967 by the New York chapter of the United Daughters of the Confederacy in honor of Mrs. James H. Parker. Preference is given to women students.

Edwin Davis Peacock Endowed Memorial Scholarship in Music. Established in 1989 by family and friends of Mr. Edwin Davis Peacock. The scholarship, awarded by the School of the Arts, is presented to outstanding students of music who play strings.

Pilot Club of Charleston Scholarship. Awarded annually by the Pilot Club of Charleston, S.C., Inc., to students in need of financial assistance. Preference is given to unmarried women students from the tri-county area entering their sophomore, junior, or senior years. Selection is made based on academic performance and financial need.

The Peter Gilman Pinckney Memorial Scholarship. Established in 1992 by Mr. and Mrs. Lucian W. Pinckney in honor of their son, Peter, who died during his junior year at the College. The scholarship is designated for academically outstanding students who are participating in the College's Honor Program.

Central P.T.A. Scholarship. Established to provide financial assistance for a deserving student at the College of Charleston.

Charlie Post Scholarship. Established in 1985 by the Charleston Running Club as a memorial to Dr. Charles Post, former head of Student Health Service at the College. The scholarship is designated for juniors and seniors who participate in physical activities, who are enrolled in a physical education or premedical program, and who are interested in pursuing further education in the field of sports medicine. Students are selected by special application. This scholarship is not renewable.

Louise Johnson and W. Howard Read Scholarship. This scholarship was established in 1977 by the family and friends of Louise Johnson Read and W. Howard Read. During their lifetimes they were generous contributors to the College. Mrs. Read was the mother of three distinguished graduates of the College of Charleston. The scholarship is unrestricted.

Helen Schachte Riley Scholarship. Established in 1967 by Mrs. Helen Schachte Riley, class of 1936, to provide an annual scholarship to a deserving student. Preference is given to students who are Charleston County residents planning to major in biology or any one of the sciences.

Margaret and Mendel Rivers Scholarship. Established in 1971 by friends in honor of Margaret Rivers, class of 1935, and Mendel Rivers. Preference is given to residents of the First Congressional District of South Carolina.

D. L. Scurry Foundation Scholarship. This scholarship is made possible through funds contributed by the D. L. Scurry Foundation for students with financial need.

Willard A. Silcox Scholarship. Established by the Alumni Association in honor of Willard A. Silcox, class of 1933, and designated for

FINANCIAL ASSISTANCE

children of College of Charleston alumni. Formal application is required by March 1 and application forms are available from the offices of Alumni Services and Student Financial Assistance.

Janet E. Simcox Memorial Scholarship. Established in 1981 by family and friends in memory of Janet E. Simcox, class of 1978. The purpose of this fund is to provide assistance for students in the fine arts, with preference given to the visual arts.

Albert Simons Memorial Scholarship in the Visual Arts. Established in 1990 by Mr. Albert Simons, Jr., ('38), and Mr. Stoney Simons in honor of their father, Albert Simons, an outstanding alumnus of the College. Mr. Simons, a former architect, founded the College's Department of Fine Arts and subsequently gave the Simons Center for the Arts its name. Presently, the award is given by the School of the Arts.

Harold W. Simmons Scholarship. Established in 1971 as a memorial to Mr. Harold W. Simmons by his son, Penrod Simmons. Preference is given to students from Charleston County.

J. Adger Smyth Scholarship. Established in 1945 by bequest of the late Mrs. J. Adger Smyth as a memorial to her husband. Mr. Smyth was a graduate of the College and mayor of Charleston. Preference is given to male South Carolinians.

The Society of First Families of South Carolina. An annual scholarship given by the society to senior history majors with a special interest in early South Carolina history. The recipient is named by the Department of History.

S.S. Solomons Scholarship. Established in 1957 by bequest of the late Mrs. Zipporah Solomons. Preference is given to Jewish students with financial need.

South Carolina Society Scholarship. Established in 1954 by The South Carolina Society to provide unrestricted funds.

Arthur Stern, Jr., Scholarship. Established by the family and friends of Arthur Stern, Jr., a successful scholar and businessman. The purpose of this fund is to provide educational opportunities for worthy students.

Paul L. Suhrstedt Memorial Scholarship. Established in 1988 by Mr. and Mrs. Carl Suhrstedt and Mrs. Barbara Brown, class of 1944, the family of Paul Suhrstedt, class of 1932. The scholarship is unrestricted.

Charles Swanson Memorial Scholarship. Established in 1991 through the estate of Charles Swanson, a friend of the College. The scholarships are designated for students with financial need who have graduated in the top 15 percent of their high school classes.

Thompson Family Scholarship. Created in 1991 by C.O. Nick and Marie Thompson, classes of '64 and '89, to assist deserving students who have financial need.

Edward Emerson Towell Scholarship. Established in 1989 by friends of Dr. Edward Emerson Towell, class of 1934, to recognize his many contributions to the College. The scholarship is for students who wish to major in chemistry at the College. Selection is made by the Department of Chemistry and the Office of Admissions.

Dorothy Drake Ulmo Scholarship. Established in 1967 by Colonel H.W. Ulmo as a memorial to his wife, Dorothy Drake Ulmo. Preference is given to women students.

Judge J. Waites and Elizabeth Waring Scholarship. Donated annually in memory of Judge J. Waites Waring, class of 1900, and Mrs. Waring by Mrs. Waring's daughter and son, Mrs. Simeon Hyde, Jr., and Mr. David N. Mills. This award was established for male minority students from South Carolina with preference given to students from Charleston County and is renewable for four years of undergraduate study, subject to satisfactory academic performance.

May A. Waring Scholarship. An unrestricted scholarship established in 1960 by Mrs. Katherine Waring Whipple as a memorial to her sister, May A. Waring.

James Ernest Westbury Scholarship. Established in 1975 by Colonel (Ret.) and Mrs. Lindsey Wortham Hale as a memorial to Mrs. Hale's father, James Ernest Westbury. The purpose of this scholarship is to provide educational assistance to students with preference being given to veterans.

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Whaley Scholarship. Established in 1957 by bequest of the late Mrs. Grace W. Whaley for the education of worthy Protestant males.

Anne Marie Kathryn White Memorial Scholarship. An endowed scholarship established in 1991 by Anne Marie Kathryn "Kitty" White, class of '32, to assist pre-medical students at the College.

Anne Louise and George A. White Scholarship. Established by Ms. Katherine White, class of 1932, in honor of her parents. It is designated for local students from the Charleston area with financial need.

Lettie Pate Whitehead Foundation Scholarship. Annual awards made possible by the Lettie Pate Whitehead Foundation. The scholarships are open to Christian women with financial need from Virginia, North Carolina, South Carolina, Georgia, Tennessee, Florida, Alabama, Mississippi, or Louisiana.

Abe and Sadie Jacobs Zbar Memorial Scholarship. The scholarship was established in 1991 by Dr. Marcus Zbar, class of '49, in honor of his parents. The fund provides assistance to students with financial need.

Virginia Elfe Zeigler and Marguerite Zeigler Williams Scholarship. The scholarship, established in 1991 by an anonymous donor, is for outstanding students majoring in piano. It is awarded through the School of the Arts.

ADDITIONAL COLLEGE OF CHARLESTON SCHOLARSHIPS AND LOAN FUNDS

Short-term emergency loan funds administered directly by the College of Charleston are available to students on a limited basis. Recipients of such funds must have satisfactory academic records as well as demonstrated financial need.

Bernard M. Baruch Loan Fund. Established in 1939, the Bernard M. Baruch Loan Fund is available to upperclassmen who meet the above criteria. Loans are made on a 30-day basis and must be repaid within that time to avoid interest charges.

GENERAL SOURCES OF AID

The College provides general sources of aid designated for specific types of students. The sources are described below.

Continuing Education Incentive Grant. Established to provide an opportunity for older students to obtain funding for one course as an incentive to return to college and consider degree completion. To be eligible, applicants must be working toward their first bachelor's degree. Applicants must also be 21 years of age or older and be returning to school after an absence of at least one year. Application information is available from the Office of Continuing Education.

Athletic Grant-in-Aid. The Athletic Department provides funds to the best qualified athletes. Eligibility criteria and selection are handled by the coaches and the athletic director. Additional information is available from the Department of Athletics.

Installment Payment Plan. The College offers an installment plan which allows the student/parents to pay tuition and fees, room and board in four equal installments per term. This service is available after any financial assistance has already been applied to the student's bill. This plan is administered by the Treasurer's Office.

FEDERAL STUDENT ASSISTANCE

Available funding from federal student aid programs is dependent upon annual appropriations from Congress. Programs may change and eligibility criteria may differ from year to year.

Pell Grant. The Pell Grant is the largest of the federal student aid programs. The amount of grant a student can receive is based on financial need and the student's enrollment status. Students must be enrolled at least half-time to be eligible and full-time to receive the maximum grant for which they qualify.

Supplemental Education Opportunity Grants (SEOG). Awards are made to students who demonstrate exceptional financial need and who also qualify for the Pell Grant. Awards range from \$200 to \$400 each year depending on a student's financial need, eligibility for other aid, and the availability of funds.

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College Work-Study. The College Work-Study Program provides on-campus jobs for students who demonstrate financial need and who must earn a part of their educational expenses. Both undergraduate and graduate students are eligible to apply.

Students are paid by check twice a month and the pay rate varies based on the position, classification, and expertise. A work-study award is an authorization for the student to earn a given amount per academic year.

Perkins Student Loan. The Perkins Student Loan Program is for students who are enrolled at least half-time in an eligible program and who demonstrate financial need. Graduate students are also eligible to apply.

An eligible student may qualify for up to \$4,500 for the first two years of study not to exceed \$9,000 in a four-year period. Repayment of the loan begins nine months after the student graduates or leaves school. During the repayment period the student is charged five percent interest on the unpaid balance of the loan principal. Under certain circumstances repayment may be cancelled or deferred.

Stafford Loan Program. Long-term, low-interest-rate loans are available from participating lenders through this program. Loans range from \$2,625 for freshmen and sophomores, to \$4,000 for juniors and seniors, to \$7,500 for graduate students.

The interest rate is eight percent. Repayment begins six months after the student ceases half-time enrollment for up to four years of repayments and then is adjusted to 10 percent for the unpaid balance.

Paul Douglas Teacher Scholarship. Undergraduate students may apply if they plan to enter the teaching profession and meet the minimum qualifications of: (1) U.S. citizenship or permanent residency, (2) enrollment or acceptance for enrollment or expression of an intent to enroll in a teacher education program, (3) graduation in the top 10 percent of their high school graduation class and, for continuing students, a 2.75 or better cumulative GPA. The scholarship is not need-based. The amount awarded per year can range up to \$5,000. Applications are available from the Office of Financial Assistance and Scholarships.

Governor's Teaching Scholarship Loan Program. The Governor's Teaching Scholarship Loan Program (GTS) was established by the State of South Carolina to attract bright and talented South Carolina

students to the teaching profession. To be eligible the student must be a U.S. citizen or permanent resident of the United States, be a resident of South Carolina, and must be enrolled in good standing at an accredited institution on at least a half time basis. Entering freshmen must have graduated in the top 10 percent of their high school class or have scored at least a 1100 on the SAT and have expressed an intent to enroll in a program of teacher education. Undergraduate students must have taken and passed the S.C. Education Entrance Exam, have achieved a cumulative grade point ratio of 3.5, and must be enrolled in a program of teacher education.

South Carolina Teacher Loan Program. Residents of the State of South Carolina who plan to enter the teaching profession in the public school system and who are seeking their first certification may apply to the program. The loan is not need based and can be forgiven at the rate of 20 percent per year of teaching service in a critical-need area. Awards range up to \$7,500 per year. Specific requirements and applications are available from the Office of Student Financial Assistance.

Veterans' Benefits. Certain armed forces' veterans and veterans' dependents who qualify with the Veterans Administration are eligible to receive educational assistance on a monthly basis. Information and applications are available from the V.A. Regional Office, 1801 Assembly Street, Columbia, S.C., 29201, or from the Office of Veterans' Affairs at the College of Charleston.

Vocational Rehabilitation Benefits. Students who are physically handicapped or otherwise disabled may qualify for Vocational Rehabilitation benefits. Information may be obtained from the Vocational Rehabilitation Department, P.O. Box 4945, 301 Landmark Center, Columbia, S.C., 29240.

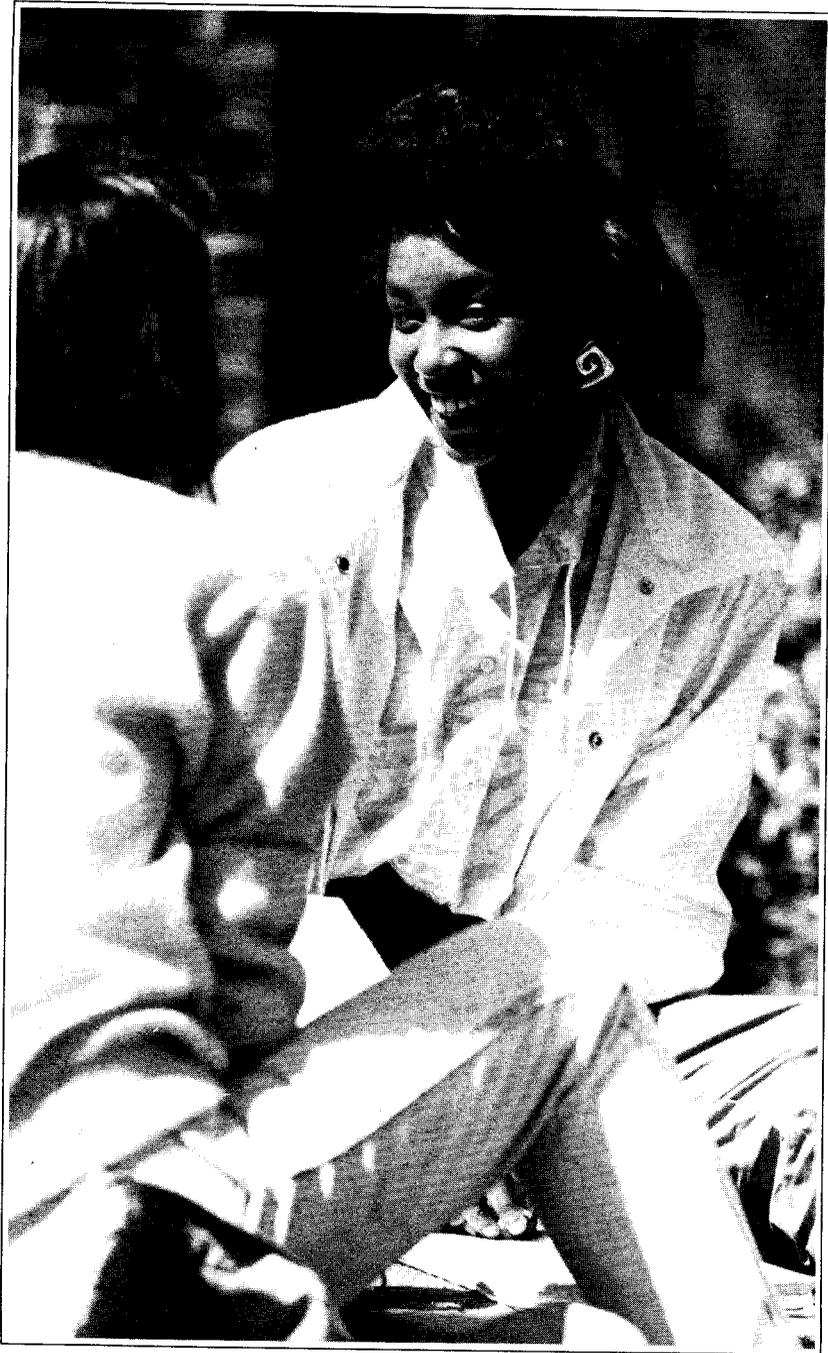
Air Force ROTC Scholarships. Air Force ROTC provides full-tuition scholarships for qualified students in their junior and senior year. Scholarship recipients are limited to students with superior academic records who have been previously accepted for enrollment in the Air Force ROTC program at Charleston Southern University. (See page 90.) Students who accept an Air Force ROTC Scholarship are required to successfully complete at least one quarter/semester of college instruction in a "major" Indo-European or Asian language as defined by the Foreign Language Department. Textbook fees, a \$100

FINANCIAL ASSISTANCE

monthly stipend, and other reasonable fees are also paid. Application should be made through the Professor of Aerospace Studies, Charleston Southern University, (803) 863-7149.

Academic Common Market. The Academic Common Market allows students living in Southern Regional Education Board (SREB*) states to pay in-state tuition while studying in certain academic programs outside their home state. To participate, students must be accepted into an approved program that is unavailable in the home state. They must also submit proof of residency in the home state. Students should write directly to the institution at which they plan to study for admissions information. After they have been accepted, students should write the state coordinator for certification of residency.

**The 14 participating states are Alabama, Arkansas, Florida, Georgia, Kentucky, Louisiana, Maryland, Mississippi, Oklahoma, South Carolina, Tennessee, Texas, Virginia and West Virginia.*



STUDENT LIFE

The Setting. The College of Charleston is located in the heart of Charleston, South Carolina, an old and historic city first settled in 1670. Charleston, a peninsular city bounded by the Ashley and Cooper Rivers, is part of the area comprising Berkeley, Charleston, and Dorchester counties. The cities of Charleston and North Charleston are the major urban centers of the South Carolina Lowcountry. The current population of the tri-county area is estimated to be in excess of 500,000.

The Lowcountry affords a special blend of the old and new with its history, recreational facilities, commerce, and industry. The area offers to College of Charleston students many diverse opportunities. The plantations, parks, and gardens range from small, quiet parks nestled among historic old buildings to grand plantations which recreate the lifestyles of the 18th and 19th centuries. The semi-tropical weather makes outdoor activities such as swimming, water skiing, bicycle riding, tennis, golfing, horseback riding, fishing, crabbing, sailing, and surfing enjoyable throughout the year.

The Lowcountry's varied and plentiful cultural life includes events sponsored by the Charleston Symphony Orchestra, the Charleston Civic Ballet Company, the Robert Ivey Ballet Company, the Footlight Players, the Renaissance Ensemble, the Gibbes Museum of Art, the Charleston Museum, the City of Charleston Cultural Affairs Office, the City of North Charleston Arts Committee, plus the annual events of the Spoleto Festival USA and Piccolo Spoleto.

The College. Students who are accepted for admission at the College of Charleston are admitted not only into its classrooms, but into the College community, and are invited to participate in its array of intellectual, cultural, social, and recreational activities. Honorary societies, special interest clubs, social organizations, and athletic groups offer their members a sense of belonging, the pleasure of working together in common pursuits or interests, the opportunity to create and to carry out common goals, and simply the chance to make friends and have fun. The special activities and events that the College sponsors—from science seminars to community concerts—offer intellectual and cultural experiences that are enjoyable, stimulating, and broadening. Those students who are involved in extra-curricular activities acquire the habit of participation. They are most likely to be among those graduates of the College who become involved in the civic, social, and cultural lives of their home communities. Their participation also strengthens the College's own identity as a community of learning—a

community where individuals join together to question, discover, experience, and grow.

THE COMMUTER'S LIFE

Commuter students comprise 70 percent of the student body at the College. These students are recognized as a vital part of campus life. To make it easier for commuter, non-traditional, and resident students to share campus-wide experiences, activities open to all students are scheduled at noon on Tuesdays and Thursdays when no classes meet. These activities include honor societies, service and social fraternities, clubs, academic organizations, intramural athletics, and the Thursday's Special. Involvement in these activities helps students form new friendships and make the College a major part of their lives.

THE RESIDENT STUDENT'S LIFE

Residence Halls. Residence Hall living has long been a tradition at liberal arts colleges, and the College of Charleston has rapidly expanded and improved its residence facilities for students. Although the majority of students live off-campus, the College now has residence hall space for 1,800 students.

Residence hall living offers students a unique opportunity to live with people comprising different backgrounds and interests. Resident students also have easy access to on-campus social, cultural, and intellectual activities.

The College encourages resident students, in cooperation with the residence life directors, to create new programs of special interest, as well as to improve existing programs within the residence halls. This living, learning environment includes socials, intramural teams, lectures, and discussions on special topics.

Buist Rivers Residence Hall, with facilities for 102 students, and Rutledge Rivers Residence Hall, housing 103 students, are located on College Promenade. The College Lodge residence hall accommodates 200 students. Craig Residence Hall on the corner of George and St. Philip streets accommodates 143 students, and Wentworth Hall on the corner of Coming and Wentworth streets houses 268 students. The St. Philip Street Residence Hall houses 672 students. It is located on the corner of Calhoun and St. Philip streets.

STUDENT LIFE

In addition to the larger residence halls, a number of historic dwellings have been restored to house 315 more students.

Rooms are normally occupied by two or more students. Most rooms are carpeted, and all are air-conditioned. Room furnishings typically include a single bed, chest of drawers, desk, and chair for each resident. Students may provide draperies and additional decorations and will need to bring their own telephone, study lamp, and trash can.

Residence Hall Management. Area Coordinators and Residence Hall Directors are responsible for the overall operation and well-being of the residence halls and residents. These staff members live in the residence halls and students are encouraged to seek them out concerning residence or personal matters. Resident Assistants are assigned to certain areas in the residence hall and help plan residence hall programs, assist with hall management, and work closely with the administration to improve residence hall living.

For the smooth operation of the residence halls and the comfort of its occupants, regulations are printed in the "Guide to Residence Living" which is distributed to every resident within one week of the beginning of classes.

OFF CAMPUS HOUSING

There are, at present, no campus facilities for married students. Married students and others who want to live off campus can obtain information on available apartments, rooms, and houses from the Assistant Director of Residence Life for housing assignments and off campus housing.

PARKING

The College of Charleston has a limited amount of campus parking. A student's priority for parking, including lot and garage selection, is based on the student's cumulative hours earned. **NOTE:** Students who are assigned to campus housing and have fewer than 30 cumulative hours earned and on file in the College of Charleston Registrar's Office may not purchase a permit to park from the College.

Parking assignments are applied for and issued by the Office of Auxiliary Services, which is located on the first floor of Randolph Hall. Parking is generally applied for during one semester and assigned immediately before the beginning of the next semester. The current surface parking permit fee is \$80 per semester. Garage spaces are \$150

plus a \$10 refundable deposit for the magnetic card.

Additional information concerning College of Charleston parking permits may be obtained by visiting or telephoning the Office of Auxiliary Services at (803) 792-7834.

STUDENTS' RIGHTS AND RESPONSIBILITIES

In meeting the admissions standards of the College of Charleston and choosing to enroll, students have exercised their right to attend a public college of the State of South Carolina. As with any citizen, students are expected to adhere to all federal, state, and local laws. By accepting admission to the College of Charleston students accept the responsibility to adhere to its regulations. Specific rights and responsibilities are detailed below. Academic regulations which govern eligibility to continue at the College are found in the *Undergraduate Bulletin* and *Graduate Studies Bulletin*. Students' behavior is governed by, among other College regulations, the Honor Code, the Student Code of Conduct, and the Alcohol Policy. Students may seek dispute resolution and redress of grievances through the Student Grievance Procedure and the Sexual Harassment Policy.

The Honor System. The Honor System of the College of Charleston is intended to promote and protect an atmosphere of trust and fairness in the classroom and in the conduct of daily life. Students at the College are bound by honor and by their acceptance of admission to the College to abide by the code and to report violations of it. Alleged violations of the Honor Code which are not admitted by students will be heard by the Honor Board, a body composed of students, faculty, and staff members. Faculty members also are required to report violations of the Honor Code. If guilt is established, by admission during the judicial process or by hearing, the faculty member determines in what manner a student's grade will be affected by the violation. Additional penalties, which range up to and include expulsion from the College, may be assessed by the Honor Board.

The Honor Code, with procedures to be followed, may be found in the *Student Handbook*.

Student Code of Conduct. As members of the College community, students are expected to evidence a high standard of personal conduct and to respect the rights of other students, faculty, staff members, and visitors on campus. Students also are expected to adhere to all federal, state, and local laws.

STUDENT LIFE

The Code of Conduct prohibits such activity as the possession of drugs, destruction of property, and the making of a false threat of any emergency. It further prohibits physical or verbal abuse or harassment of any sort. Violations are heard by the Residence Hall Judicial Board or the Honor Board. The full Code of Conduct may be found in the *Student Handbook*.

Alcohol Policy. The 1984 changes in the alcoholic beverage laws of the State of South Carolina have led to revised policies on the sale, service, and consumption of alcoholic beverages. The College's policy allows reasonable and prudent consumption by students of legal age in restricted areas. The full policy may be found in the *Student Handbook*.

Student Grievance Procedure. Disputes occasionally may arise between members of the College of Charleston community over both academic and non-academic matters. While many issues can be resolved at the personal level between the two parties, a formal procedure is available for the resolution of disputes that cannot. The procedure that has been established presents a framework within which disputes may be settled. The formal procedure is not meant to change the character of a dispute but to ensure that all parties are treated fairly and that every attempt is made to arrive at a just resolution of the dispute.

The full Student Grievance Procedure may be found in the *Student Handbook*.

Sexual Harassment Policy. Respect for the dignity and worth of all individuals is essential to an appropriate college environment. Thus, sexual harassment of students, faculty, and staff is unacceptable and impermissible conduct, and will not be tolerated. Actions which come within the definition of sexual harassment will be grounds for disciplinary action, even resulting in termination.

Students may consult with the Vice President for Inter-Cultural Affairs on a confidential basis. An informal and formal complaint process is provided. The full Sexual Harassment Policy may be found in the *Student Handbook*.

STUDENT ACTIVITIES AND ORGANIZATIONS**THE THEODORE S. STERN STUDENT CENTER**
803-792-5726

The Stern Student Center plays an important role in the daily life of resident students and the campus life of commuting students, faculty, staff, alumni, and guests of the College. It is designed to bridge the gap between formal education and the need for basic services and informal association in the educational community. Its staff's philosophy and its programs reflect a commitment to build a sense of community on campus. As the "living room of the campus," the Stern Center is the focal point for activities which satisfy a variety of out-of-classroom interests and needs.

Facilities of the Stern Center include a collegiate-size swimming pool, video theatre, a gamesroom, a T.V. room, lockers for commuting students, lounges and meeting rooms, the Campus Shop, the Campus Mail Room (where commuting students as well as resident students may secure mail boxes), a ballroom, the Snack Bar and student organization offices.

OFFICE OF STUDENT ACTIVITIES AND PROGRAM OFFICE

The Office of Student Activities, located on the second floor of the Stern Student Center, serves as a resource for all College clubs and organizations. The Program Office, located on the third floor, offers support for all student organizations planning special events. Students are encouraged to utilize the Director and Assistant Director of Student Activities for event planning advice, for guidance in establishing new groups, for information about budgets and funding sources on campus, for leadership skill development, and for information on how to become involved with any campus activity.

COLLEGE ACTIVITIES BOARD (C.A.B.)

The College Activities Board provides social, cultural, educational, and recreational programs for all members of the College community. The board is composed of student volunteers who serve as president, vice president, and secretary, as well as chairs of the nine programming committees: Concerts, Class Acts, Travel, Potpourri, Coffee House, Promotions, Films, Lectures and Thursday's Specials.

STUDENT ACTIVITIES

Membership on committees is open to all students at the College. C.A.B. has presented such events as music entertainment, Thursday's Specials, nightly movies, Raft Debates, Art Print Sales, regional trips, and dinner theatres. C.A.B.'s mission is to promote a sense of community at the College through programming which is innovative, thought provoking, and sensitive to the diverse populations on campus.

STUDENT GOVERNMENT ASSOCIATION

Every student who enrolls at the College automatically becomes a member of the Student Government Association. This organization, which is the governing force of the student body, is based on mutual cooperation among students, faculty, and staff. It has traditionally provided a strong voice of student concerns and its members have actively worked to improve student life at the College. The organization of the S.G.A. consists of a senate composed of elected class representatives and an executive committee. Representatives from the S.G.A. sit on all of the major faculty and administrative committees of the College. The S.G.A.'s own committees are involved in many aspects of College life including establishment of the academic calendar, parking, campus communication, security, the sale of used books and environmental affairs.

The Commuter Student Committee of the S.G.A. serves as a clearinghouse and source of information for commuter students. The committee represents commuter-student interests and issues to the administration.

STUDENT UNION FOR MINORITY AFFAIRS

The Student Union for Minority Affairs has four primary organizational objectives: (a) to encourage academic excellence among students; (b) to enhance the social environment on the campus and in the community; (c) to inspire service in the public interest; and, (d) to promote moral, spiritual, and cultural growth among members. Although S.U.M.A. is focused upon the specific experiences of minority students on campus, membership is open and encouraged to all registered students at the College of Charleston.

HONOR SOCIETIES

Omicron Delta Kappa is a national leadership honor society. Membership is based on scholarship, leadership, and service.

Phi Alpha Theta is a national history honor society with membership open to students having a 3.1 grade point average (GPA) in a minimum of 12 semester hours of history, who have an overall 3.0 GPA in two-thirds of work undertaken, and who participate in campus or community activities.

Phi Kappa Phi is a national honor society with membership limited to juniors and seniors of superior academic ability and outstanding character. To be eligible for election, students must complete at least 60 hours at the College of Charleston. A GPA of 3.6 is required for seniors and 3.75 for juniors.

Pi Mu Epsilon National Honor Mathematics Fraternity is a national honor society devoted to promoting the mathematical and scholarly development of its members. The campus chapter was the College's first honorary society in a specific academic discipline.

Pi Sigma Alpha is the National Political Science Honor Society. Membership is open to students who have completed 18 hours of political science course work and have attained an overall GPA of 3.0 and a GPA of 3.25 in their political science courses.

Psi Chi is the national honor society in psychology. To be eligible for selection students must be in the upper third of their class and have an average of 3.0 in nine or more hours of psychology study.

Sigma Alpha Phi is the College's scholastic honor society. Juniors and seniors leading their classes in scholarship are eligible for membership.

Sigma Delta Pi, the National Spanish Honor Society honors those who seek and attain excellence in the study of the literature and the culture of the Spanish-speaking peoples.

SERVICE FRATERNITY

Alpha Phi Omega is a national service fraternity designed to develop leadership, promote friendship, and provide service to humanity. Membership is open to all College of Charleston students during fall and spring rush.

Service projects include work with the elderly, kidney patients, city clean-ups, and athletic events. "The Roach-a-Thon" is a major fund-raising event sponsored by Alpha Phi Omega in the fall of each year.

STUDENT ACTIVITIES

STUDENT ORGANIZATIONS

Cultural Groups
International Club

Student Union for
Minority Affairs

Departmental and Majors Associations

Accounting Association
Ad Club

Honors Program Student
Association

Alpha Chi Sigma (Professional
Chemistry Fraternity)

International Studies Club
Personnel Club

Biology Club

Philosophy Club

Center Stage

Physical Education and

Classics Club (Greek & Latin)

Health Majors Club

Council for Exceptional
Children

Pi Mu Epsilon Math Club

Education Club

Physics and Engineering
Club

English Club

Political Science Club

Finance Club

Pre-Law Society

Fine Arts Club

Psychology Club

French Club

Sociology / Anthropology

Geology Club

Club

History Club

Spanish Club

Student Port Club

Urban Studies Club

Visual Arts Club

Governmental Organizations

Student Government Association
South Carolina Student Legislature

Honor Organizations

Alpha Epsilon Delta (Pre-
Med Society)

Pi Alpha Theta (History)

Eta Sigma Phi (Classics)

Pi Mu Epsilon (Math)

Omicron Delta Kappa

Psi Chi (Psychology)

Omicron Delta Epsilon
(Economics)

Sigma Alpha Phi

Sigma Iota Rho (Global
Relations)

Phi Kappa Phi

Media Organizations

The Comet - yearbook
The Cougar Pause - newspaper
Publications Board

The Miscellany-literary
magazine

Political Groups

College Republicans

Young Democrats

Programming Groups

College Activities Board
Film Club
International Club

Student Union for
Minority Affairs

Service Groups

Alpha Phi Omega
Biology Club
Peer Mentor Association

Student Alumni
Association
The Charleston 40

Special Interest Groups

Alliance for Planet Earth
The Bard Society
Campus Amnesty Network
Chess Club

College Women's Forum
Gay and Lesbian Alliance
Organization of Non-
Traditional Students
Visual Arts Club

Sports Clubs

Aikido Club
Cheerleaders
Cougarettes
Cycling Club
Karate Club
Martial Arts club

Men's Volleyball Club
Snow Ski Club
Weight Lifting Club
Women's Soccer Club

Performing Groups

Center Stage
Charleston Pro Musica
Classical Guitar Ensemble
College Orchestra
Concert Choir

Fine Arts Singers
Gospel Choir
Chamber Music
Sting Quartet
Madrigal Singers
Pep Band

STUDENT ACTIVITIES

Religious Organizations

Baptist Student Union
Campus Crusade for Christ
Catholic Campus Club
Church of Christ Ministry
Episcopal Student Group
Jewish Student Group

Lutheran Student
Movement
Moslem Student Group
Presbyterian Student
Fellowship
Religious Council
Wesley Foundation
(Methodist)

FRATERNITIES AND SORORITIES

The Interfraternity Council. The Interfraternity Council, which is made up of two representatives from each of the nationally-recognized fraternities on campus, coordinates and supervises activities of the member fraternities. During the rush season, the council schedules parties, sets up rush regulations, and rules in disputes in accordance with these regulations.

Chapters of 11 fraternities are active at the College:

Alpha Tau Omega	Phi Beta Sigma
Kappa Alpha	Pi Kappa Phi
Kappa Alpha Psi	Sigma Alpha Epsilon
Kappa Sigma	Sigma Chi Delta
Omega Psi Phi	Sigma Nu
	Sigma Phi Epsilon

The Panhellenic Council. The Panhellenic Council is made up of three delegates from each sorority on campus. Its main purpose is to maintain a high plane of sorority life and intersorority relations at the College.

Chapters of 10 nationally-recognized sororities are active at the College:

Alpha Delta Pi	Kappa Alpha Theta
Alpha Kappa Alpha	Phi Mu
Chi Omega	Zeta Tau Alpha
Delta Delta Delta	Zeta Phi Beta
Delta Sigma Theta	Sigma Gamma Rho

STUDENT PUBLICATIONS

The Cougar Pause, the College's student newspaper, is published on a biweekly basis.

The Comet, the College's yearbook, has been published in the spring of each year since 1920.

The Miscellany, the College's literary magazine, is published during the spring semester each year.

These publications are managed and staffed by students. They are given direction by the Publications Board, which is made up of faculty, staff, and student representatives.

ATHLETICS

Intercollegiate Sports. The College of Charleston is currently in transition to NCAA Division I status. The Athletic Department now offers 16 intercollegiate sports:

Men's Teams

men's baseball
men's basketball
men's cross-country
men's golf
men's tennis
men's soccer
men's swimming
and diving
equestrian (co-ed)

Women's Teams

sailing (co-ed)
women's basketball
women's cross-country
women's golf
women's swimming and diving
women's tennis
women's volleyball

Intramural Activities. Intramural activities at the College offer a broad program of organized sports competition and recreational activities for everyone desiring to participate. The program includes team, dual, and individual sports for both men and women. Co-recreational activities are also offered, and there are many opportunities for unstructured "free play." Basic equipment is available on a check-out basis. The activities normally offered are:

badminton	softball
basketball	swim meet
co-ed innertube water polo	table tennis

STUDENT ACTIVITIES

co-ed softball
co-ed volleyball
free throw
golf driving
racquetball
soccer

tennis
3-on-3 basketball
touch football
volleyball
water basketball

ATHLETIC FACILITIES

The F. Mitchell Johnson Physical Education Center opened in September 1982. It is adjacent to the College Athletic Center at the corner of George and Meeting streets, and has facilities for basketball, volleyball, tennis, badminton, handball/racquetball, and gymnastics. The main basketball court has a seating capacity of 3,052.

The Athletic Center also has basketball and volleyball facilities and is available for intramural, physical education, and recreation activities. Two weight rooms also are available. Locker rooms for men and women are located in both facilities.

The Theodore S. Stern Student Center provides facilities for swimming.

Located on the Wando River in Mount Pleasant is the College of Charleston's 20-acre outdoor recreation area, with intercollegiate soccer and baseball fields and additional space for intramural softball and football.

PERFORMANCE ORGANIZATIONS

Center Stage. Membership in the Center Stage is open to all students interested in any phase of theatrical production. Production casts are chosen at open try-outs and all interested students are invited to participate.

Chamber Music Ensemble. Different instrument combinations explore all styles of music. Students register for MUSC 363-B.

Early Music Ensemble. Specializing in music of the Medieval, Renaissance, and Baroque eras, the group performs on a variety of early instruments including recorders, krumphorns, rauschpifes, lute, etc. Students register for MUSC 363-L.

Classical Guitar Ensemble. A small performing ensemble which explores the chamber music for guitar. Students register for Music 363M.

College/Community Orchestra. Music for orchestra by the masters of Baroque, Classic, Romantic, and 20th century. The group performs at least twice annually. The orchestra is open to the student body, faculty, staff, and community by audition. For credit, register for Music 363-F.

Concert Choir. A mixed choir of approximately 65 singers which performs both sacred and secular music from the Renaissance to the 20th century. Membership is open to all students by audition. Students register for Music 161.

Glee Clubs. Ensembles open to all students. The programs range from classical to pop, with emphasis on developing musicianship. These groups represent the College at conventions and service clubs, traveling each semester. Students register for MUSC 363-C-1 (men)/MUSC 363-C-2 (women).

Jazz Ensemble. An ensemble open to students who have had experience in their high schools with stage band or jazz band. Performances are given for civic and College functions. Students register for Music 363J.

Madrigal Singers. A small vocal ensemble devoted to the performance of Renaissance madrigals and other types of vocal chamber music. Membership is by audition and is limited to those who are skilled at sight-singing. Students register for Music 363A.

Pep Band. A first-rate ensemble that provides support and spirit to our highly successful basketball team, the Cougars. Students register for Music 363N.

Visual Arts Club. Created to unify students with an interest in the visual arts and to provide experiences in the visual arts by sponsoring workshops with artists; traveling to regional galleries; providing a source of information on competitions, exhibitions, speakers, campus exhibitions; and to coordinate activities with other campus groups supportive of the arts.

Spoleto Festival USA. Since 1977, the 17-day Spoleto Festival USA has been presented annually in Charleston from mid-May to early June. Presented annually in Spoleto, Italy, since 1958, the festival was founded by the Pulitzer Prize winning composer and director, Gian

STUDENT ACTIVITIES

Carlo Menotti. The Charleston and Spoleto seasons combine to realize Menotti's original dream of a "Festival of Two Worlds." Virtually all of the arts are represented in Spoleto including opera, ballet, modern and folk dance, symphonic, choral and chamber music, jazz, film, visual arts, and classical and avant-garde theatre.

Artists involved in the Charleston Spoleto Festival have included Arthur Miller, Ella Fitzgerald, Tennessee Williams, Pietro Con-sagra, Edward Albee, Charles Wadsworth, Sarah Vaughn, Samuel Barber, Cy Twombly, Robert Indiana, Orson Wells, Luchino Visconti, Sam "Light'nin" Hopkins, Alvin Ailey, Boris Bloch, Alexander Gudonov, Alicia Alonso, Rudolph Firkusny, Alwin Nikolais, Shuji Terayama, Christopher Keene, and many others.

Like the rest of Charleston—its government, its institutions, and, most of all, its citizens—the College of Charleston actively and wholeheartedly supports the festival. Some Spoleto events are held on the College campus and most of the festival performers, apprentices, and technicians are housed in College facilities where they enjoy the convenience of easy access to rehearsals and performances at the College.

College personnel also participate directly and indirectly with the festival's stay on campus or by performing and participating in Spoleto events as well as in the city's Piccolo Spoleto, the official outreach program of the festival.

ACADEMIC ADVISING**803-792-5981**

Every matriculated student at the College of Charleston is assigned to the Advising Center. The Advising Center advises students until they declare a major and is staffed by faculty and administrative advisors. The role of the advisor is to assist each student in exploring the full range of possibilities of academic and extra-curricular programs offered by the College. The advisor assists the student in planning for degree completion, encourages involvement in different kinds of educational opportunities, and identifies potential areas for career exploration. The special advisor/student relationship builds upon and strengthens the fundamental assumptions of the College community:

(1) that a liberal arts college is an environment in which a student is encouraged to develop holistically; and (2) that in the context of academic growth and social/intellectual maturation, faculty, staff, and students can enjoy a rewarding association.

All matriculating students entering the College of Charleston for the first time are required to take appropriate placement tests in the areas of English, foreign languages (Spanish, French, German and Latin), mathematics and reading. These tests are designed to assist advisors and students in making course selection during registration based upon achievement levels and/or the need for academic skills development. Placement examinations are administered during most registration periods.

The College supports special advising programs for handicapped students through the Office of Inter-Cultural Affairs and students with learning disabilities through the Advising Center.

Lower Division. All students admitted to the College as freshmen, transfers, or readmitted students with less than 60 credit hours earned are considered lower division students. At the time of admission they will be assigned to the Advising Center and they will remain as advising students until they officially declare a major. Each advisor in the Advising Center is a faculty or administrative advisor trained in assisting students to meet general distribution requirements through appropriate foundation courses. A student who has indicated a desire to pursue pre-professional programs (medicine, law, engineering) or allied health fields (nursing, medical technicians, etc.) will be assigned to advisory groups advised by specially designated faculty.

Although some students may choose to delay a declaration of major until the end of the sophomore year, failure to declare a major prior to the beginning of the junior year could cause a delay in gradu-

STUDENT SERVICES

ation time due to restrictions on course enrollments in some disciplines.

If students wish to change advisors, they must submit a request for such a change to the Advising Center or the department of the new advisor. Appropriate changes will be made to the students' advising files.

Upper Division. All transfer students, readmitted students, or students having earned more than 60 semester hours are considered upper division students. At the end of the sophomore year and before the second semester of the junior year, students are encouraged to declare an official major. This can be accomplished by completing a Declaration of Major Form at the office of the intended major department or through the initial Orientation advisement. At that time the student will be assigned a department advisor and officially enrolled as a major in that discipline. The Declaration of Major Form must be signed by both the student and the advisor and returned to the Advising Center. The Advising Center facilitates transfer of advising files. Once a major has been declared, a change of major can be made by declaring a new major through the departmental office of the new major.

Students who need help with a choice of major are encouraged to see an advisor in the Advising Center, or the academic department(s) being considered as a major, a dean in the Office of Undergraduate Studies or visit the Office of Career Services.

International Students. International students apply to the College of Charleston directly through the Office of Admission. These students are required to take all placement tests and must achieve a score of 500 or above on the Test of English as a Foreign Language (TOEFL). Those scoring below acceptable levels on the English test, if admitted, will be required to enroll in English as a Second Language (ESL) classes their first semester and continue until such time as their language skills are commensurate with the level of scholarship required in the classroom.

The Office of International Exchange Programs is responsible for programming for foreign students once they arrive on campus. This office provides the following services for students from other countries:

- orientation of foreign students to the College of Charleston (provided in conjunction with the Office of Orientation);
- academic and personal advising;
- visa documentation assistance;
- help with employment requests;

- advising and support for the International Club;
- promotion of social and cultural events, travel opportunities, and other programs that might be of special interest to international students.

Advising Program for Students with Physical Handicaps and Learning Disabilities. The College of Charleston provides special assistance to those students with physical handicaps and certified learning disabilities. Upon admission, those students whose physical handicaps would require modification of classroom instruction or access to special equipment are urged to contact the Office of Inter-Cultural Affairs before the semester begins. Similarly, the College provides special advising for students who have been certified as having specific learning disabilities (specific requirements are on file in the Advising Center.) These students are urged to contact the Advising Center at 792-5981 and ask for the SNAP program before their orientation.

COLLEGE SKILLS LAB 803-792-5635

The College Skills Lab offers assistance in the study areas necessary for academic success at the college level. The programs offered by the lab complement courses at the College. A professional reading staff; English, foreign language, biology, and math faculty members; and student tutors are available in the lab to provide individualized, self-paced instruction in their areas of expertise. Students may receive tutoring on a walk-in basis, attend seminars, or make individual appointments. All services provided by the lab are free of charge to College of Charleston students. Services are provided by the following component labs:

The Accounting Tutorial Lab provides small group and individual peer tutoring for students in accounting courses.

The Biology Tutoring Program provides assistance in the introductory biology courses, both lecture and lab as well as in some upper level courses. Announced workshops are offered on topics such as genetics, probability, biological chemistry, and others as necessary.

The Foreign Language Tutoring Lab provides small group and individual peer tutoring in Ancient Greek, Arabic, French, German, Italian, Japanese, Latin, Russian, and Spanish. All tutors, recommended by the Department of Languages faculty, are qualified to help students with basic grammatical structures, reading, and pronuncia-

STUDENT SERVICES

tion in these languages through the 202 level.

The Math Lab offers individual peer and faculty tutoring in the areas of basic math, algebra, trigonometry, geometry, statistics, and calculus. Announced workshops are also offered during the year on topics such as calculator use and EEE preparation. Handouts and worksheets are available to complement in-class instruction and provide additional practice. Math videos on selected topics are also available.

The Study Skills and Reading Lab offers individualized assistance and a variety of seminars in the areas of time organization, notetaking, textbook studying, preparing for tests and exams, vocabulary development, reading comprehension, critical thinking, memory enhancement, and preparation for the EEE and post-graduate tests. Students are trained to apply these techniques across the various disciplines.

The Writing Lab provides one-to-one assistance for every stage in the writing of essays, term papers, letters, memos, and book reviews. Writing consultants, including English faculty and carefully chosen peer writing consultants, and help students review grammatical rules and principles of punctuation as well as the structure of sentences, paragraphs, and essays.

The Philosophy Tutoring Service offers assistance to students writing papers in a philosophy or religious studies course. Tutoring is also available for students taking informal or symbolic logic courses.

The General Tutorial Program provides small group and individual peer tutoring for students in all other areas of study at the College.

The Post-Graduate Test Preparation Program provides small group and individual preparation for College of Charleston students and alumni who plan to take the GMAT, LSAT, GRE, MCAT, NTE, or MAT.

The College Skills Lab is located in the Education Center, room 216, 25 St. Philip Street.

COUNSELING CENTER

803-792-5640

The Counseling Center provides the opportunity for all students with personal concerns to seek psychological counseling in a professional and confidential atmosphere. A variety of services are offered which are designed to enhance personal growth and understanding, and in this way to contribute to the educational mission of the

College. These programs and services are available to all students. Referrals are made by students themselves or by friends, faculty, and staff.

Psychological Counseling services are offered through sessions for individuals, groups, couples, and families. In these settings, students are assisted in exploring the nature and scope of their concerns, with an emphasis on personal responsibility and effective problem-solving. The concerns of our students have been found to be consistent with those reported by other college and university counseling centers. Some examples of these are dealing with stress and anxiety, depression, loss or grief, adjustment to college life, separation, emotional and physical abuse, sexual concerns, eating disorders, and relationship difficulties. As part of our continuum of care, we maintain a relationship with the Department of Psychiatry at the Medical University of South Carolina where students may be referred for evaluation and follow-up when appropriate.

Personal Development groups bring together students who have a common concern and wish to receive specific training and/or support in that area. Groups are offered regularly on such topics as assertiveness training, adjustment to college life, eating disorders, stress management, grief/loss, eliminating self-defeating behaviors, and adult children of alcoholics.

Consultation and Outreach services include making recommendations to faculty, staff, parents, and students who seek advice on how to handle particular situations, and giving presentations or workshops to campus groups, classes, and community organizations.

Members of the Counseling Center staff are trained professional counselors and psychologists experienced in helping college students with the variety of concerns they present. Staff members have actively pursued licensure by their state professional boards, are active in professional organizations, and are committed to continuing professional development. In addition, the Counseling Center is accredited by the International Association of Counseling Services.

STUDENT SERVICES

CAREER SERVICES

803-792-5692

The Office of Career Services provides coordinated services to assist individuals in developing the skills necessary to create their own plans for progress through life. These skills include the ability (1) to gain knowledge of self and the world of work, (2) to transform this knowledge into a program of continued self-development, and (3) to act upon this individual plan. To assist the student in seeing the relevance of college education to the whole of life, and as preparation for work, the Career Services staff is joined by College alumni and local persons who invite students to discuss careers and to observe their work settings.

In addition to general career advising, special programs of this office include Decision-Making Seminars, Networking, a Career Resource Center, Employment Assistance (including part-time jobs, internships and cooperative education), On-Campus Recruitment, and Graduate and Professional School Information.

Decision-Making Seminars. Career Decision-Making Seminars provide the initial step in career development. The objectives of the seminars are to increase the participants' self-understanding and to enable them to acquire the information-gathering and life-planning skills that will help them to plan their careers realistically. Seminars are conducted throughout the year. These seminars are especially valuable for freshmen and sophomores, helping them to consider career planning in deciding their majors. They also help students take advantage of other Career Services programs before graduation. Seniors who have not yet participated in a seminar will find the groups particularly helpful as they begin looking for a job.

Seminars also can be tailored to meet the special needs of certain students—for instance, women and adult students. Regular topics include Choosing a Major, Learning from Experience, Setting Priorities, Searching for a Job, Identifying your Skills, etc. Vocational interest and personality inventories are given upon request and professional interpretation is provided.

Networking. All students are encouraged to explore career interests through direct contact with practicing professionals. The Office of Career Services provides contacts and individual help to assist students in setting up information interviews in the community. Networking is an integral part of career planning since it is a first step in entering Experience Learning programs, obtaining part-time jobs, and

gathering information on occupations.

Career Resource Center. The Career Resource Center contains valuable information on most occupations along with general information on decision making, researching occupations, and job hunting. A computer terminal links the office with the South Carolina Occupational Information System and with the Job Service listing of positions available throughout the state. A second computer houses SIGI PLUS, a career decision making program that allows a student to work through a complete career decision. Staff members are ready to introduce individuals to the potential of these resources, and to advise them how to use the Resource Center for their personal career development.

Career Festival. In order to inform as many students as possible about the variety of career options open to them, and to increase the number of job opportunities for graduates, a Career Festival is held each year. Employers from a wide variety of backgrounds come to the campus for two days to talk with students about careers and job opportunities. Students are able to see, first-hand, how a liberal arts education prepares people for the world of work.

Employment Assistance. *School Term and Summer:* A full-time Job Development Specialist maintains contact with local employers to find part-time and vacation jobs for students who need them. Employers with jobs appropriate for college students frequently call to list their openings, and the available jobs are listed on a bulletin board in the Office of Career Services. Many of these jobs provide an opportunity to gain career-related work experience. Students looking for work should register with the office as soon as they arrive on campus. Information on overseas employment also is available.

Special Assistance for Juniors and Seniors: Juniors and Seniors are encouraged to begin early to establish a credential file in the Office of Career Services. Assistance in writing resumes and learning interviewing techniques is readily available. Many employers come to the campus to interview graduating seniors. Information about other jobs as well as employment trends, salary levels, and employment practices of major businesses, industry, and government is featured in the Information Center. Special seminars to orient seniors to the world of work and to life after college are presented during the year.

Graduate and Professional School Information. Graduate and professional school information is available in the Office of Career

STUDENT SERVICES

Services. The staff is able to advise students on admission requirements, and includes consideration of graduate education as part of its overall career counseling program. Students interested in graduate study abroad will find information about international scholarships and fellowship programs in the International Programs office. Graduate and Professional School Day is offered each fall semester to give students the opportunity to meet directly with representatives from various graduate and professional schools. Students considering graduate work also should seek advice from the appropriate faculty members.

INTER-CULTURAL AFFAIRS

803-792-5580

The Office of Inter-Cultural Affairs at the College of Charleston addresses the educational and employment needs of individuals and groups who occupy minority status at the College and assures complete access to the College for women, minorities, and the handicapped. The office also identifies problem areas and recommends remedial or supportive activities to the president of the College and to the other persons in authority in order to establish equal opportunity for all persons.

The Office of Inter-Cultural Affairs acts as a resource office for the special concerns of women, minorities, and the handicapped and supports programs of interest to this constituency in the College community and on the local, state, and national levels.

The Office of Inter-Cultural Affairs ensures immediate response to complaints of discrimination based on sex, race, religion, national origin, creed, handicap, and age by students, employees, and/or applicants for employment and admission. The vice president for Inter-Cultural Affairs is responsible for coordinating the grievance procedures under the Affirmative Action Program and federal equal opportunity guidelines. The vice president also coordinates the activities sponsored under the College's Desegregation Plan.

This effort is in compliance with all federal and state laws, including Titles VI and VII of the Civil Rights Act of 1964, Title IX of the Education Amendments of 1972, sections 503 and 504 of the Rehabilitation Act of 1973, the Age Discrimination Act of 1975 as amended, and all other pertinent laws as they pertain to equal opportunity. The Office of Inter-Cultural Affairs is located in the President's Suite, 2nd floor Randolph Hall.

Handicapped Student Services

As part of the College's admission process, students are provided the opportunity to list any special accommodations that they may require due to handicapping conditions. The student may also submit an appeal or grievance to the vice president for Inter-Cultural Affairs or the dean of Undergraduate Studies if they find that they have not been accommodated in accordance with his or her special needs.

The College of Charleston assures that:

1. No student may be excluded from any course, or course of study, on account of handicap;
2. Classes will be rescheduled for students with mobility impairments if they are scheduled for inaccessible classrooms;
3. Academic degree or course requirements may be modified in certain instances to ensure full participation by handicapped students;
4. Alternate methods of testing and evaluation are available in all courses offered by the College for students with requirements for such methods;
5. Auxiliary aids are made available by the College for students with impaired sensory, manual or speaking skills;
6. Certain campus rules and regulations may be waived if they limit the participation of handicapped students;
7. Housing opportunities, employment opportunities, and other opportunities for handicapped students are equal to those of non-handicapped students.

Miscellaneous:

1. Attendant care is not provided and is the financial responsibility of the student. Necessary personal care in the areas of dressing, bathing, bowel and bladder care, transferring, grooming, laundry and house-keeping lie with the student.
2. Transportation to and from campus or classrooms is not provided.
3. Housing is available on campus and is conveniently located. The student is responsible for providing any special apparatus such as trapezes, special mattresses, Rho cushions or bearskin rugs.
4. Student health services is equipped to provide basic health care as part of your student fees. However, it cannot be responsible for chronic or specialized conditions such as decubidi. Though it can treat urinary bladder infections, this and decubidi are best treated by a physician familiar with one's condition.
5. Physical therapy is not provided by the College. Arrangements can be made through local nearby hospitals.

STUDENT SERVICES

6. Wheelchair repairs are available locally, but service may be slow. It may be better to rent a chair or bring a spare.

7. Individual tutoring is available free of charge up to a maximum amount of five hours per week. Tutoring cost beyond the maximum amount of hours must be paid by the student.

For further information, contact the Office of Inter-Cultural Affairs, second floor, Randolph Hall.

LEARNING DISABILITY SERVICES

Academic guidance and assistance is available to students who have a documentable learning disability and who are encountering difficulties in completing academic requirements. In order to receive assistance, students must provide adequate documentation to the coordinator of services for students with learning disability.

Those students who have a diagnosed learning disability and desire assistance should establish contact with the Special Needs Advising Program (SNAP) at the College Advising Center (792-5981). The coordinator of services for students with learning disabilities will accept referrals made by any faculty member or staff person.

Assistance provided includes:

- referrals to independent licensed testing and evaluating clinics;
- academic advising;
- assistance in securing tutorial support from the College Skills Lab when necessary;
- communication with instructors, upon request, in order to heighten their awareness of individual student needs; and
- assistance in petitioning the Committee on Academic Standards, Admission, and Financial Assistance for modifications in academic requirements if necessary.

CAMPUS MINISTRY

803-792-5675

The Campus Ministry program is designed to serve the student's need for personal and religious identity in the College community. The ministry is located in a restored historic building at 6 Green Way with space for study, reflection, coffee breaks, meetings, and religious services.

All religious activities are held under the auspices of a Religious Council, which is made up of representative campus ministers,

religious advisers, and students. The Religious Council promotes ecumenical projects, while various denominational groups sponsor their own religious services and programs.

Religious organizations that have active student groups and/or campus ministers on campus are: Baptist, Roman Catholic, Campus Crusade for Christ, Church of Christ, Episcopal, Fellowship of Christian Athletes, Islam, Jewish, Lutheran, Methodist, and Presbyterian.

HEALTH SERVICE

803-792-5520

The Health Service offers students routine care and the services of a physician and a nurse. These services are available free of charge to all students. Students who become ill or injured while attending day classes may report to the Health Service clinic for first aid measures. The specific services provided by the Health Service, the doctor's and the nurse's hours, and the policies and regulations of the Health Service are printed in the *Student Handbook*.

SPECIAL RESOURCES AND PROGRAMS

THE HONORS PROGRAM

803-792-7154

Students of superior academic ability, motivation, and background are encouraged to participate in the College's Honors Program. This is a general program designed for outstanding students regardless of their majors. In designing the Honors Program, the faculty at the College of Charleston developed a series of Honors Program core courses that all students in the Honors Program take. These courses are smaller, thereby allowing for more intensive student participation; they are accelerated to meet the needs of superior students; and most of them are team-taught and interdisciplinary, so that the student's general liberal arts education transcends the boundaries of traditional academic disciplines. As upperclassmen, students in the Honors Program enroll in a Tutorial (a course wherein a student works individually with a professor on a topic that supplements regular course offerings) and write a Bachelor's Essay—a year-long research project in an area of the student's interest. Most students in the Honors Program also qualify for departmental honors.

For more information on the Honors Program, consult page 124 of this *Bulletin*. A detailed brochure describing the educational opportunities the program provides, admission requirements and procedures, Honors Program courses, and Honors Program requirements is available either through the director of the Honors Program or the Office of Admission.

DEPARTMENTAL HONORS

The program of Departmental Honors is designed to give upperclassmen of exceptional ability an opportunity to explore intensively a field of their particular interest. Students applying for this program should be mature individuals who are capable of sustained and independent work. Participation in the program requires that students take the initiative in outlining their proposed research, experiment, or special study; in enlisting the support of a faculty advisor; and in securing the approval of the department. Students might choose to prepare a seminar report, a Bachelor's Essay, a Tutorial, or an independent study project. Whatever the format, the project should develop the student's proficiency in library research or laboratory methodology, and the finished composition should be distinguished by its organization, reasoning, and expression.

The recommended capstone for earning Departmental Honors is the Bachelor's Essay. Students must seek one of the professors in their major department to supervise the undertaking and must submit in writing a proposal for the project. If the plan is accepted, the students must work closely with their advisors. Researching and writing the essay extends over both semesters of the senior year. To allow time for proper revision of the essay, students should submit one or more preliminary drafts for critical examination. The department may also prescribe additional requirements for ensuring the quality of the work. Satisfactory completion of the Bachelor's Essay entitles the candidate to six semester hours of credit.

At the conclusion of the program, Departmental Honors can be awarded only with the approval of the department. To be eligible, students must have completed a minimum of 12 semester hours of exceptionally fine work in any combination of seminar, Independent Study, Tutorial, and Bachelor's Essay, and must have earned a grade point average in the major of at least 3.5. If students have submitted Bachelor's Essays, they are catalogued and retained in the collection of the College library.

THE LIBRARY/AREA LIBRARY RESOURCES

The **Robert Scott Small Library** is the main library on campus, housing books, periodicals, government documents, microtexts, and special collections in all subject areas which support the College's curriculum. The Library has current holdings of approximately 420,000 volumes. It receives more than 3,000 periodicals. It is a complete depository for South Carolina state publications and a selective depository for United States government publications. Its principal special collection is the South Carolina Lowcountry Collection, which includes a large number of pamphlets, manuscripts and books. Students can locate library materials through a computerized, on-line public access catalog and an automated circulation system. The Library offers reference assistance, computer search service for key indexes and abstracts, photo-duplication machines for books and microforms, and a wide variety of comfortable study areas. Library rules are liberal, with open stack privileges.

The Library also offers the following course taught by the Library faculty:

SPECIAL RESOURCES AND PROGRAMS

101 Introduction to Bibliography and Research Methods

Development of basic techniques for conducting academic research. The focus of the course will be practical library utilization and evaluation of library resources. Instruction culminates with the production of a final bibliography. Lectures, two hours per week, for seven weeks.

Through a cooperative agreement with other local institutions of higher education, College of Charleston students have access to the library facilities of The Citadel, the Medical University of South Carolina, Charleston Southern University, and Trident Technical College. The libraries of these schools operate a daily courier service which delivers books, photocopies of periodical articles, and other circulating materials free of charge. The College of Charleston also maintains interlibrary loan and exchange courtesies with colleges and universities throughout the nation.

The **Marine Resources Library** at Fort Johnson consists of the combined marine science holdings of the College of Charleston and the South Carolina Wildlife and Marine Resources Department. The collection consists of over 15,000 volumes, subscriptions to 380 current periodicals, and thousands of reprint articles dealing with aquaculture, marine biology and ecology, oceanography, and other fields in the marine sciences.

LEARNING RESOURCES CENTER 803-792-8171

The Learning Resources Center is a media support department serving faculty, students and staff. Located on the second floor of the Thaddeus Street Jr., Education Center, the LRC provides educational technology and creative services including AV equipment delivery, television production and Media Lab operation. The LRC acquires films, videotapes, interactive media and other AV in many subject areas. These are available for class use or independent viewing in the Media Lab. A media catalog is published annually with updates issued quarterly. The on-line catalog of the Library lists all LRC material as well. The Lab is one of several LRC satellite receiving sites on campus. The LRC operates a television studio and produces instructional and informational videos. The LRC staff encourages students to help in College productions.

GEORGE D. GRICE MARINE BIOLOGICAL LABORATORY**803-795-3716**

The George D. Grice Marine Biological Laboratory, named in honor of the 14th president of the College, is located at Fort Johnson, on James Island, about 10 miles from the campus. The facility houses classrooms, student laboratories, research laboratories, faculty offices, an aquarium room, and a research collection of marine invertebrates and fishes. It has combined its extensive marine science library holdings with the holdings of the South Carolina Wildlife and Marine Resources Department to form the Cooperative Marine Research Library at Ft. Johnson.

Undergraduate and graduate research and courses related to the marine environment are conducted at Grice Laboratory. In addition to the College of Charleston facilities, the facilities of the Marine Resources Division of the South Carolina Wildlife and Marine Resources Department are available to graduate students, staff, and visiting scientists for study and research purposes.

The Ft. Johnson property has historic associations dating back more than 200 years. Among the remains of fortifications dating from the Revolutionary War are a brick powder magazine and, from a later period, the foundations of a Martello tower. The opening rounds of the bombardment on Fort Sumter that began the Civil War were fired from these fortifications.

SPECIAL PROGRAMS

The College's educational program offers students a wealth of opportunities beyond its degree requirements. For instance, nearly every department offers its advanced students the chance to do intensive, independent study under the supervision of a faculty member. The formats and requirements of these various Independent Study courses are found in the Courses of Instruction, in section V of this *Bulletin*. Described immediately below are the special programs that are not listed among the Courses of Instruction. These opportunities range from on-campus programs—such as the Departmental Honors Program—that expand the student's options within the regular curriculum, to off-campus programs—such as internships, cooperative education and Study Abroad—that place participants in learning situations in local, out-of-state, and international settings.

SPECIAL RESOURCES AND PROGRAMS

INDEPENDENT STUDY COURSES

An Independent Study course is an upper-level course that is an individually supervised, intense study in a specific area of interest. Independent Study courses are primarily intended for juniors and seniors, and are subject to departmental approval. Students must complete an Application for Independent Study form including a description of the intended project, obtain the signatures of the project supervisor and department chair, and submit a copy of the approved form to the Office of the Registrar prior to or during registration.

Students should register for Independent Study courses during the registration period, after consultation with the department involved.

COOPERATIVE PROGRAMS

Engineering Transfer Options. The College of Charleston has recognized the value of a liberal arts background to the technically oriented engineering curricula. In order to prepare students for the engineering profession and for their responsibilities and leadership in contemporary society, the College of Charleston has established the ENGINEERING TRANSFER OPTIONS. There are three options: the degree (Three-Two Option) and the non-degree (Two-Two Option), and the Marine Engineering Option.

Three-Two Option. Cooperative arrangements have been established with Case Western Reserve University, Clemson University, Georgia Institute of Technology, and the University of South Carolina. This option offers a student the opportunity to earn bachelor's degrees from both the College of Charleston and one of these engineering schools in approximately five years. The student attends the College of Charleston for three years and the engineering school for two to two and one-half years. In some instances, summer work may be necessary. To participate in this program a student must:

- 1) complete the general education requirements of the College of Charleston;
- 2) complete the prescribed pre-engineering courses;
- 3) earn an overall grade point average of at least 3.0 while at the College of Charleston, and;
- 4) graduate from one of the cooperating engineering schools.

Two-Two Option. This option provides a student with the op-

portunity to transfer directly into an engineering program after two years of concentrated work at the College of Charleston. A degree from the College of Charleston is not provided to the student under this option. Students may use this option to enter engineering schools throughout the nation; however, special working arrangements have been established with Clemson University and the University of South Carolina. To participate in this program a student must:

- 1) complete a selection of liberal arts courses;
- 2) complete the prescribed pre-engineering courses, and;
- 3) earn an overall grade point average of at least 3.0 while at the College of Charleston.

Marine Engineering Option. Under the Boykin Scholarship Program in Naval Architecture and Marine Engineering, students can complete appropriate pre-engineering and liberal arts courses at the College of Charleston under a two-two or three-two format (see page 38). Completion of the undergraduate courses for naval architecture or marine engineering will be at the University of Michigan. Scholarship funding is available to support students' work at both institutions.

To participate in this option, a student must exhibit outstanding ability and complete the appropriate academic requirements of both cooperating institutions.

All three tracks under the Engineering Transfer Options are demanding and require planning. It is essential for the interested student to start on his or her choice of options as soon as possible and to work closely with the faculty engineering advisors. Beginning students should start in the highest mathematics course for which they are qualified. Required courses include: Math 120, 220, 221, 203, and 323; Physics 201, 202, and possibly 330; Chemistry 111, 111L, 112, 112L,; and Engineering 110, 112, 205, 206 and possibly 210, as well as an appropriate selection of humanities and social sciences courses. For further information and assistance, contact the faculty engineering advisors, Dr. Jake Halford or Dr. William Kubinec in the Department of Physics.

Pre-Allied Health Programs and Cooperative Agreements.

The College of Charleston holds cooperative agreements and provides pre-professional program education which prepares a student to enter a wide variety of Allied Health programs.

Through a cooperative agreement with the Medical University of South Carolina College of Health Related Professions, spaces are reserved in the Histotechnology/Cytotechnology, Health Information

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Administration, Medical Technology, and Occupational Therapy programs for College of Charleston students. College of Charleston students who are South Carolina residents and who meet the criteria compete for these spaces. Students who are not admitted to MUSC under this agreement are placed in the general competitive pool of applicants.

Dual Degree Program: The College of Charleston has a dual degree program in which students can earn a degree from both the College of Charleston and other designated institutions. Agreements are currently held with the MUSC College of Health Related Professions and the Washington University (St. Louis) Occupational Therapy program.

Participants in the Dual Degree Program must complete:

- 1) all minimum degree requirements of the College of Charleston;
- 2) all prerequisite requirements of the specific Allied Health program;
- 3) at least 90 semester hours, at least 60 of which must be earned at the College of Charleston;
- 4) one year of chemistry, with labs;
- 5) twelve to fourteen semester hours of advanced biology selected from the following courses, taken at the College of Charleston: Biology 201, Human Physiology; Biology 201L, Human Physiology Lab; Biology 202, Human Anatomy; Biology 310, General Microbiology; Biology 320, Histology; Biology 311, Genetics; Biology 311L, Genetics Lab; Biology 312, Cell & Molecular Biology; Biology 312L, Cell & Molecular Biology Lab; Biology 322, Vertebrate Embryology; Biology 323, Comp. Vertebrate Anatomy; and Biology 336, Parasitology;
- 6) all courses and courses in the major area with a GPA of 2.5 at the College of Charleston (or higher if required by a specific program); and
- 7) one of the cooperating allied health programs.

Students interested in the Allied Health programs should contact a pre-Allied Health advisor in the Department of Biology.

Pre-Professional Nursing Program: Cooperative Programs with the Medical University of South Carolina College of Nursing. The College of Charleston offers a cooperative program in conjunction with the Medical University of South Carolina College of Nursing.

Under this cooperative agreement, College of Charleston students who meet the specified requirements are guaranteed acceptance into the upper division major in nursing at MUSC. The Bachelor of Science in Nursing degree is granted by MUSC to students who successfully complete the nursing program.

College of Charleston students completing the following 60 semester hours of coursework in the pre-nursing curriculum with a "C" or better in each course and an overall 2.5 GPA may automatically transfer to the MUSC College of Nursing for fall admission to the junior year to begin the upper division major in nursing.

English (ENG 101 and 102)	6 hours
Chemistry (with labs—CHM 101 and 102, or 111 and 112)	8 hours
Biology (with labs—BIOL 111 and 112 103L and 104L)	8 hours
Psychology (PSY 101 and 102)	6 hours
Life Span-Human Development (PSY 108)	3 hours
Human Anatomy (with lab—BIO 202)	4 hours
Human Physiology (with lab—BIO 201)	4 hours
Microbiology (with lab—BIO 310)	4 hours
Sociology (SOC 101)	3 hours
Statistics (MAT 216 or PSY 211)	3 hours
Humanities (Fine Arts, Literature, History, Philosophy, Religious Studies, Foreign Languages)	9 hours
Electives	2-3 hours
	60-61 hours

Under the automatic transfer agreement with MUSC:

- 1) No more than three courses may be completed at a school other than the College of Charleston.
- 2) The course must be unavailable at the College of Charleston the semester the student needs to take it.
- 3) The course must be approved by the appropriate department at the College of Charleston as an acceptable equivalent course and must carry an equal number of hours.
- 4) A grade of "C" or better must be earned in the course.

Students interested in the pre-nursing program at the College of Charleston should contact a pre-nursing advisor in the Department of Chemistry. Information about the nursing profession or nursing

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program curriculum can be obtained from the College of Nursing at MUSC.

Air Force ROTC. ROTC is not offered at the College of Charleston. However, College of Charleston students may participate in the Air Force ROTC program at Charleston Southern University. After successfully completing the program, the student is eligible for commissioning through the AFROTC unit at Charleston Southern University. All students enrolling in the ROTC program must be full-time students and must successfully complete a course in mathematical reasoning and in English composition prior to commissioning. (Mathematics 101 and English 101 fulfill these requirements.) AFROTC grades are not computed in the student's GPA, but the student's transcript will show AFROTC participation.

Application should be made through the professor of aerospace studies, Charleston Southern University, (803) 797-4113. Air Force Scholarships are available to qualified students and pay full tuition, textbook fees, and other reasonable fees. Both scholarship students and non-scholarship students receive a \$100 monthly stipend.

CHARLESTON HIGHER EDUCATION INSTITUTIONS

The College of Charleston, The Citadel, the Medical University of South Carolina, Trident Technical College, and the Charleston Southern University have an agreement to cooperate in providing access to a variety of courses offered by the participating institutions. According to the agreement, any student enrolled as a full-time student and paying full-time tuition at any of these institutions may take courses at other participating institutions at no additional cost (with some restrictions). This arrangement does not include summer session classes. Under this arrangement, the course grade and credits will be treated as in-residence credits.

Information and cross registration forms can be obtained from the Office of Undergraduate Studies. Each request for cross registration must be approved by a dean in Undergraduate Studies and the chair of the appropriate department before the beginning of the term in which the student wishes to participate.

STUDY ABROAD/OVERSEAS TRAVEL AND EMPLOYMENT

803-792-5676

A period of overseas study, travel, or employment can constitute an important adjunct to a liberal arts education. The College of Charleston encourages students to prepare themselves for a role in an increasingly interdependent world through exposure to formal study with an international/intercultural content and, where possible, to an extended overseas learning experience.

By living and studying abroad students are best able to develop language skills and to acquire first-hand knowledge of the customs and cultural heritage of other peoples. Such experiences frequently allow students to gain new perspectives regarding their own background and prompt them to examine their own personal beliefs, life-style, and plans for the future.

The College's Office of International and Exchange Programs assists students in planning overseas study and maintains a collection of information concerning overseas study, travel and work opportunities. The programs for study, and travel and work are available through a variety of educational institutions, international organizations, and special agencies.

Each year during Maymester and Summer School sessions the College of Charleston offers several study abroad programs designed and conducted by members of the College faculty to provide unique learning opportunities for students and members of the community. The Maymester/Summer School Office should be contacted for details of upcoming programs.

In addition to the Maymester and summer school programs, the College of Charleston offers its students three exchange programs: The National Student Exchange, the International Student Exchange and an exchange with Kansai Gaidai University in Japan.

National Student Exchange Program. Through the National Student Exchange Program (NSE), College of Charleston students can attend participating colleges within the United States for one academic year at approximately the same cost they pay the College. There are, at present, more than 100 colleges and universities within the United States which participate in this program. Some of these schools are Rutgers in New Jersey, University of Hawaii at Hilo and Manoa, University of Massachusetts at Amherst and Boston, University of New Mexico, Colorado State and Florida International. Approved courses will be transferred back to the College of Charleston upon successful completion.

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International Student Exchange Program. The International Student Exchange Program (ISEP), makes it possible for qualified students to spend a semester or year abroad at a reasonable cost during their sophomore or junior year. Through this program, College of Charleston students can attend participating universities in the ISEP program in Europe, Africa, Asia, Latin American, Canada, and Australia with placements at some of the leading institutions in Austria, Belgium, France, and Germany. Participating students pay the tuition, room, and board they would normally be charged as full-time campus residents, a modest placement fee, and current international transportation costs. College of Charleston students can earn academic credit at the College upon successful completion of their approved program of study and participate rather than merely observe the life of another country and institution.

Kansai Gaidai University of Foreign Studies. Kansai Gaidai, located in Osaka, Japan, will allow College of Charleston sophomores and juniors the opportunity to study for a semester or a year. To have applications accepted, students are required to have a minimum of a 2.75 overall GPR and one year of Japanese language study and are encouraged to have taken on Asian studies course. Students may take a variety of courses, taught in English, as well as a required course in Japanese language study. Students must pay an application fee plus tuition and room and board they would normally pay at the College of Charleston. They are then responsible for their own transportation to Japan.

The College is affiliated with the Council on International Educational Exchange (CIEE), the American Institute of Foreign Study (AIFS), and the National Association for Foreign Student Affairs (NAFSA), through which it offers a variety of study abroad programs.

Students contemplating study abroad are urged to consult the Office of International and Exchange Programs soon after enrolling at the College. The importance of developing strong language skills cannot be over-stressed. Study abroad opportunities are available to students of all majors.

Among its additional services, the Office of International and Exchange Programs is an authorized issuing office for the **International Student Identification Card (ISIC)**, which maintains information on low-cost international travel and provides discounts on admissions to various attractions all over the world. The office also advises students of opportunities for graduate scholarships and fellowships abroad.

EXPERIENTIAL LEARNING OPPORTUNITIES

Experiential Learning programs, provided by the Office of Career Services, combine working and learning—the combination of a productive task with conscious and disciplined study. In these supervised situations, the student applies theory learned in the classroom and explores possible careers. These programs are intended to strengthen the curriculum in ways consistent with the liberal arts objectives of the College. The various Experiential Learning programs are as follows:

Volunteer Service opportunities enable a student to explore a career and/or provide a needed community service, for eight to 10 hours a week. Volunteering is frequently the best way for freshmen and sophomores to obtain work experience related to career interests, particularly in human service and communications fields. A special program with the Medical University Hospital provides volunteer opportunities in a wide variety of health services and administrative tasks. Learning objectives and task responsibilities are spelled out in writing to ensure that both volunteer and supervisor take the relationship seriously. For information, contact the Office of Career Services.

Internships are part-time (normally 15 hours per week) paying and non-paying positions in work related to studies and career plans. Some have academic components and include earning academic credit. Applicants should be juniors or seniors in good academic standing who have an understanding of their own skills. Some internships provide a general introduction to an agency, a government office or a business; others are special research projects. The City of Charleston has an established intern program for College of Charleston students. For information, contact the Office of Career Services.

Cooperative Education (CO-OP) is an arrangement with an employer to hire a pair of students to perform a job on a full-time, year-round basis through alternating periods of work and study. While one student is working, the other is attending classes. At the end of the semester, the students change places. During the employment period, the student may do an independent study project related to the work. The program covers all of the disciplines in the curriculum, with positions available in the fields of business administration, computer science, and the life sciences. The co-op program is open to all students

SPECIAL RESOURCES AND PROGRAMS

who have completed at least one semester at the College. For information, contact the Office of Career Services.

The Washington Center arranges for students to undertake semester-long internships in Washington, D.C. Internships are available in offices of the federal government, congressmen's offices, and public interest organizations. The Washington Center program is open to any upperclassman at the College. January seminars and a variety of summer programs also are available through the Washington Center. For information, contact the Office of Career Services.

SEA Semester is a program sponsored by the Sea Education Association (SEA), a non-profit organization based in Woods Hole, Massachusetts. SEA is affiliated with the College of Charleston, Cornell University, Boston University, and others. Two programs are currently being offered.

SEA Semester offers six weeks of classroom study in Oceanography, Nautical Science, and Maritime Studies, followed by another six weeks aboard the recently refurbished 125-foot schooner, the R/V Westward, or the new SSV Corwith Cramer, slightly larger than the Westward.

Maritime Semester is divided into three sessions. During the first four weeks, students attend classes in Woods Hole studying maritime literature, history, and international relations; oceanography; and nautical science. This session is followed by six weeks at sea aboard the R/V Westward. The final two weeks of the semester are spent attending classes and preparing research papers in Halifax, Nova Scotia.

Any student at the College of Charleston is eligible to participate in either program. For further information, contact the director of SEA Semester through the Department of Physics.

Experiential Learning Courses are integral parts of the curriculum for majors in applied mathematics, education, honors, and urban studies. Some courses in political science and business administration have experiential components, and students are able to arrange an experience learning independent study in most departments. Special research projects frequently include student interns; art and architecture history students have contributed to the Lowcountry Studies Project, and biology students have done research for the Center for Lowcountry Environments. For more information, contact the appropriate department.

THE GOVERNOR'S SCHOOL OF SOUTH CAROLINA
803-792-7154

Created in 1975 by the College of Charleston and Governor James B. Edwards, the Governor's School is a four-week summer residential honors program for gifted South Carolina high school students. Each summer a limited number of rising high school seniors who have shown exceptional ability and achievement in their studies participate in the program on the College of Charleston campus.

The Governor's School program features intensive, college-level study in a variety of academic disciplines from among the humanities, as well as the physical, social, and mathematical sciences. A wide range of cultural and recreational activities and field trips are also offered. The students live in College housing and their meals are provided in College facilities.

Qualified students are nominated by their high schools and are then selected in a statewide competition. Each year, approximately 250 young men and women from South Carolina high schools participate in the program. For further information, contact the director of the Governor's School at the College of Charleston.

THE CENTER FOR CONTINUING EDUCATION
803-792-5620

The Center for Continuing Education at the College has as its purpose the encouragement of life-long learning through its credit programs.

Continuing Education Students. Students who are 21 years of age and over who possess a high school diploma or equivalent may enroll full-time or part-time in day or evening credit courses which can be applied toward an undergraduate degree at the College. Upon successful completion of 15 hours of credit work, continuing education students who wish to earn a degree from the College of Charleston are encouraged to apply for degree candidacy. Returning adults who have a large number of credits to transfer to the College will be advised to apply for admission immediately so that they may join their major departments.

Services available to new and returning adult students through the Center for Continuing Education include welcome sessions, English and math placement tests, registration opportunities, academic advising, and referral to departmental re-entry advisors or other cam-

SPECIAL RESOURCES AND PROGRAMS

pus resources.

Special programs are designed to help adults with previous college experience to send for transcripts and have them analyzed, meet with an advisor, plan schedules, register for classes, receive career information, and access other needed services at the College. For dates of special programs, call the Center for Continuing Education.

Incentive Grants, established in 1981, provide payment for the first course an adult takes at the College after an absence of one year or more from higher education. There is a selection process; however, all applicants receive an interview and academic advising. Also, Learning Strategies for Adults Grants are available for fall semesters. The Learning Strategies course helps students to refresh and improve study skills, thus improving opportunities for college success. For application deadlines, call the Center for Continuing Education.

A separate *Schedule of Courses* lists current classes offered, admission procedures, and general information about continuing education programs. The schedule is published prior to fall, spring, and summer sessions.

Senior Citizens. Persons 60 years of age or older may take credit courses on a space-available basis free of tuition charge. A nominal fee (currently \$25) will be charged, however. Courses may be taken either for credit or audit by senior citizens under a state legislative provision. Senior citizens must present proof of age at their first registration. A special registration is provided for senior citizens at the beginning of fall and spring semesters. For further information, call the Center for Continuing Education.

Off-campus courses. The College offers a limited number of classes at local malls and other off-campus locations. Some of these classes meet twice as often for only half the semester. These locations and formats are designed to be geographically convenient and to fit the time requirements of busy adult students. Additional information concerning off-campus courses is available from the Center for Continuing Education.

THE OFFICE OF PROFESSIONAL AND COMMUNITY SERVICES

803-792-5822

Professional and Community Services. The Office of Professional and Community Services offers a wide variety of programs and activities to meet the educational needs of the greater Charleston area. Credit and non-credit courses, seminars, workshops, and certificate programs are available to the general public to provide opportunities for professional development.

Admission to the College is not required for registration in non-credit programs.

Continuing Education Units (C.E.U.s) are issued as a means of recognizing participation and achievement in many non-credit activities. C.E.U.s are awarded on the basis of one C.E.U. per 10 contact hours of non-credit conferences, workshops, and courses, and provide a valuable measure of continuing growth and progress for participants.

Non-credit program offerings are listed in the *Schedule of Courses* and in several other College and community publications. For additional information, contact the Office of Professional and Community Services.

Services to Business and Industry, Non-Profit Organizations and Government Agencies. The College of Charleston has many resources to help area organizations meet educational and professional development needs. Credit and/or non-credit courses may be offered on-site or at the campus in response to specific needs of business and industry. For further information, contact the Office of Professional and Community Services.

Conference Facilities and Services. The Office of Professional and Community Services has complete conference services and facilities to meet the educational goals and training objectives of professional organizations, government agencies, and community groups. Individualized planning assures that symposia, seminars, professional meetings, and conferences achieve maximum results. Staff members assist with planning and arranging programs, speakers, accommodations, catering, facilities, and extracurricular events in addition to overseeing financial and registration management, publications, and publicity requirements. For further information, contact the Office of Professional and Community Services.

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MAYMESTER AND SUMMER SESSIONS

803-792-4831

Maymester is a three-week period of concentrated courses between the end of spring semester and the beginning of summer school. Maymester courses are designed to give faculty and students the opportunity for an uninterrupted investigation of subjects that particularly draw their interest. Classes meet for three and one half hours five days each week over the three-week period.

Maymester often includes study abroad courses and courses in conjunction with the Spoleto Festival USA. College of Charleston students, visiting students from other colleges and members of the community are eligible to attend. Housing is available.

Summer sessions are two five-week day terms of concentrated courses. There are substantial offerings at the introductory and advanced levels in all of the disciplines in the College curriculum. Students may choose to take summer courses to explore fields of study outside of their major concentration, to make up work missed in the regular terms, or to accelerate their progress toward a degree. Summer courses are open to students from other colleges and universities, to community residents and high school students who are recommended by their schools, as well as regularly enrolled students at the College of Charleston. Two seven-week evening sessions with classes meeting two evenings per week also are offered during the summer term. Housing is available.

A bulletin providing information about Maymester and summer courses, workshops, and special programs is published each spring. For further information contact the Office of Maymester and Summer Sessions at 792-4831

AVERY RESEARCH CENTER

803-792-5742

The Avery Research Center for African American History & Culture of the College of Charleston is an archives and small museum that has been established to document, preserve and make public the unique historical and cultural heritage of South Carolina Low Country African Americans. Collections of personal papers, organizational records, photographs, oral histories, art objects, and other primary, and secondary materials are maintained by the archives. Public programs that involve members of the community are regularly presented. Individual and group tours of the building are conducted.

A non-circulating research library is open to visiting scholars, students, and the general public. Major acquisitions for the Avery Research Center archives include the Joseph A. Towels Collection; J. Arthur Brown Papers; Bernice Robinson Papers; W. Earl Douglas Papers; Mickey Funeral Home Records; the John's Island Collection of historical photographs and taped religious music; and the Avery Normal Institute Archives.

The Center is located in the building erected in 1868 for the Avery Normal Institute, the Charleston college preparatory and normal school that for 89 years educated African Americans who went on to become teachers and professional people. The Avery Institute of Afro-American History and Culture, the community-based historical society which played a major role in the founding of the Research Center, continues to actively support its work through a wide range of volunteer services.

EARLY CHILDHOOD DEVELOPMENT CENTER

803-792-5606

The Early Childhood Development Center (ECDC) is a laboratory and training school for teacher trainees in early childhood education. The center provides children from ages two to five with experiences for positive emotional, social, and intellectual development and enables individuals and groups to share learning experiences related to early childhood development and education. The center's staff includes a director and four teachers with master's degrees, as well as student assistants. Faculty, staff, student, and community children are eligible for enrollment at the center.

INSTITUTE FOR PUBLIC AFFAIRS AND POLICY STUDIES

803-792-5737

The Institute for Public Affairs and Policy Studies, located at 114 Wentworth Street, houses both academic and research programs. A Master of Public Administration degree program is offered through the institute. The Master of Public Administration is a 36-semester-hour program, focusing on public administration and management. With its faculty and staff possessing a broad range of practical and academic experience, the institute also supports the Public Management Assistance Program. Through this program, the institute is able to offer professional assistance as well as research capabilities to various local and state governmental and non-profit organizations. The institute's

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goal is to provide research, and instructional and service activities to local governments and the community, as well as support general research projects of benefit to the state of South Carolina.

STUDENT COMPUTING CENTERS

803-792-5569

(Academic Computing)

The Department of Academic Computing operates two computing centers open to all College of Charleston students. The center in the basement of the Robert Scott Small Library contains 74 IBM XTs networked to two Zenith file servers. The center in room 404 of the J.C. Long Building is equipped with 32 IBM XTs, 2 IBM ATs, and 31 Zenith 386 machines. These comprise two networks that are bridged to two networked classrooms in the same building. Additionally, there is a network of 11 Macintosh Plus', one Macintosh SE, one Macintosh II, 10 Macintosh SIs and nine Apple IIs. Also available are two desktop publishing workstations, one PC and one Macintosh, with a scanner attached to each. Laser printing is available on both the PCs and the Macintoshes in both centers at no cost to students. All networks are loaded with a wide variety of software and help is available at all times.

For students who live in the residence halls, there is a small PC center in each, with 24-hour access during the week and more limited access during the weekend. Additionally, free seminars on various application software packages and PC and Macintosh fundamentals are offered throughout the semester. The centers are open seven days a week.

DEGREE REQUIREMENTS**BACHELOR OF ARTS AND BACHELOR OF SCIENCE DEGREES**

The trustees and faculty of the College of Charleston are authorized by the charter of the College to confer the bachelor of arts and the bachelor of science degrees. Major programs in art, art history, classical studies, English, history, languages (French, German, and Spanish), music, philosophy, political science, theatre, and urban studies lead to the bachelor of arts degree. Major programs in accounting, anthropology, biology, business administration, chemistry, computer science, economics, education (elementary and special education), geology, mathematics, physical education, physics, psychology and sociology lead to the bachelor of science degree. The biology, chemistry, geology, and physics departments offer additional major programs leading to the bachelor of arts degree.

In order to graduate with either a bachelor of arts or bachelor of science degree, the student must meet three types of degree requirements:

- the Minimum Degree Requirements: a core curriculum of 14 to 18 courses designed to introduce the student to the principal areas of intellectual inquiry, and to teach the student basic intellectual skills.
- the Major Requirements: the courses specified for the student's major program, which are designed to provide concentrated study in a specialized field.
- the Electives: courses chosen by the student as a means of studying subjects of particular interest.

To be eligible for graduation, the student must have:

- a) satisfied the minimum degree requirements by earning credit in the courses specified and /or successfully passing approved placement or proficiency exams offered in their stead;
- b) earned credit in courses required for the major, with a minimum grade point average (GPA) of 2.0 in the department of the major (or for interdepartmental majors such as urban studies, all courses in the area of concentration);
- c) earned a total of 122 semester hours of credit, with a

DEGREE REQUIREMENTS

minimum grade point average of 2.0 in all courses taken at the College (i.e., at least twice as many quality points as semester hours attempted).

Courses numbered below the 100 level carry credit, but are not counted as part of the 122-hour minimum needed for the degree nor do they count toward the GPA. No more than eight hours of Physical Education and Health (PEHD) 100-level courses may be counted as part of this minimum. The senior year of work for the degree must be completed in residence at the College of Charleston. However, candidates who have taken more than 60 credit hours at the College of Charleston may complete up to seven, but *not more than seven*, of their final 37 hours at another institution, with prior permission of a dean in the Office of Undergraduate Studies and the chair of the department of their major.

Students with continuous enrollment have the option of fulfilling all the graduation requirements from the *Undergraduate Bulletin* under which they entered the College or all the requirements from any subsequent bulletin. Students who withdraw and then reapply to the College must follow the graduation requirements from the *Undergraduate Bulletin* under which they are re-admitted or any subsequent bulletin.

The Major Requirements. By the second semester of the sophomore year each student must declare a major through the office of the department of that major. Since the major department must advise the student concerning post-sophomore courses, declaration of major is necessary before the student can be enrolled as a junior.

A major program requires at least 24 semester hours in one department. No major program, including interdepartmental programs, but excluding business administration due to accreditation requirements, requires more than 43 semester hours in the major area. Every department, except those within the School of Business, that offers a major requiring more than 36 hours also offers a major of not more than 36 hours for the student's choice. Within these minimum and maximum limitations each department specifies the number of hours in its major program or programs, and in some instances specifies the actual courses required. At least 12 hours in the major at the 200 level or above must be earned at the College of Charleston.

Students may complete a double major by fulfilling the requirements of two major programs. The double major will be listed on the student's transcript, but only one diploma will be awarded. If the

two majors are in different degree categories, the student must choose to have printed on the diploma either the bachelor of arts or the bachelor of science degree.

Concentrations and Minors. A student may elect to pursue a program of study organized around a particular theme within the major discipline—a concentration—or outside the major discipline—a minor. Both concentrations and minors will be shown on the student's transcript. Either program must include a minimum of six three-hour or four-hour courses selected from a formally designated group. Successful completion of such a program of study requires a grade point average of at least 2.0 in the courses which comprise it. Credit may be received for up to two concentrations or minors, and courses used to satisfy the requirements of one may not be applied toward a second. These courses may be selected from a single department or from several, and interdisciplinary courses may be included. Students must enroll formally with the specific coordinator or department chair for each program in order to have the transcript reflect credit for work done in a concentration or minor.

Minimum Degree Requirements. For all undergraduate degrees, the total number of semester hours must include the following:

- | | |
|-----------------------|--|
| English: | six semester hours: English 101 and 102. (A degree candidate must enroll in English 90, 101 or 102 each semester until the English requirement has been fulfilled.) |
| History: | six semester hours: History 101 and 102, which must be taken in sequence. |
| Natural Science: | eight semester hours: an introductory or higher sequence from one of the following: astronomy, biology, chemistry, geology, or physics, of which two semester hours must be earned in the accompanying laboratories. |
| Mathematics or Logic: | six semester hours in either mathematics or logic. (This requirement may not be met by a combination of course work in mathematics and logic.) |

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Foreign Languages,
Classical or Modern: 0-12 semester hours: satisfactory completion of course work through the intermediate level or demonstration of proficiency at that level by examination.

Social Science: 6 semester hours from one or two of the following: anthropology, economics, political science, psychology, or sociology.

Humanities: 12 semester hours from the following six areas with no more than six semester hours in any one of the following areas: (1) British or American literature; (2) any foreign literature; (3) art history, music, and theatre (excluding courses in studio art, and the practice and performance of music and theatre); (4) history (excluding 101 and 102); and (5) philosophy (excluding 215, 216, and 217) and (6) religious studies.

Certain interdisciplinary courses in the Honors Program and in American Studies and Women's Studies may also be applied to the humanities requirement. Questions should be addressed to the directors of these programs.

Level of Placement in Courses. Entering students begin their work in foreign language and mathematics at any level for which they are prepared, as determined by placement examination administered by the College.

Application for Graduation (degree audit). During the second semester of their junior year, students should file an application for graduation in the Office of the Registrar. In addition to determining and listing remaining degree requirements, the application for graduation serves as the order for the student's diploma and notifies the registrar of the student's planned graduation date.

Second Bachelor's Degrees. A second degree in any discipline may be earned by a former graduate of the College of Charleston. The

second degree earned will be noted on the graduate's transcript only, and no second diploma will be awarded. For the former graduate, only the additional courses to complete the desired degree requirements must be taken. Those requirements are established in the *Undergraduate Bulletin* in effect when the student last entered degree-seeking status provided that the student maintained continuous enrollment until the completion of all degree requirements. Readmission into degree-seeking status after graduation is accomplished through the Office of Admission. The second major must be formally declared in the departmental office of the intended major.

A transfer student with a previously earned bachelor's degree from another institution may earn a second bachelor's degree at the College of Charleston. The student must complete all degree requirements stated in the *Undergraduate Bulletin* in effect when the student last entered degree-seeking status at the College provided that the student maintained continuous enrollment until the granting of the degree at the College. A minimum of 30 semester hours must be taken at the College of Charleston with at least 12 taken in the major field at the 200 level or above. Upon completion of all requirements a notation will be made on the transcript that the degree requirements have been met. If desired upon completion of a degree audit with the registrar and payment of the graduation fee, a diploma may be awarded.

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Confidentiality of Student Records. The Family Educational Rights and Privacy Act of 1974 is a federal law designed to provide students with greater access to and control over information contained in their educational records while at the same time prohibiting, in most circumstances, the release of any information contained in those educational records without express written consent of the student. This law guarantees privacy of student records, open access by students to their records, restricted release of information to specified authorities or others only with written consent, and procedures allowing students to challenge the contents of their records. The law also requires that an inventory of records be maintained denoting the location, content, and any official review of students' records and identifying the staff member in charge of records and/or reviews. Notice of this law must be provided annually to all students. Forms necessary for the obtaining access to student records are provided by the Office of the Registrar.

The Grading System. After the end of each semester, the registrar mails a grade report to every student. (Note: In order to receive their grades, as well as registration materials, bills, and any other correspondence from the College, students must have their current address on file at the Office of the Registrar.)

Students receive letter grades for every course in which they enroll. Each letter grade has a numerical "grade point value," as follows:

Letter Grade	(Quality Points)
A Superior	4.00
B+ Very Good	3.50
B Good	3.00
C+ Fair	2.50
C Acceptable	2.00
D Barely Acceptable, Passing	1.00
F Failure	0
I Incomplete	0
IP In progress	
W Withdrawn	0
WA Withdrawn Absences equivalent to an F	0
P Passing	
NP Not Passing (See "Pass-Fail Option," page 107).	

The grade I indicates that only a small part of the semester's work remains to be done, that the student is otherwise doing satisfactory work in the course, and that an extension of time is warranted to complete the course.

The grade of I also signifies that an agreement has been established between professor and student as to the quantity of work remaining to be done, the deadlines established for its completion, and a schedule of meeting times. It is recommended that this agreement be made in writing with both professor and student having a copy.

The student is allowed 60 days from the end of the semester in which this grade is received to complete the work in the course. If the student does not complete the work within 60 days, the I is automatically changed to an F.

The statute of limitations for grade changes is two calendar years from the original grade submission deadline. After this period of time has elapsed, normally no grade issued to a student may be changed. Requests for any change of grade should be initiated by the faculty member who assigned the grade. All requests must be adequately documented.

Pass-Fail Option. The Pass-Fail Option is provided to encourage students to enrich their educational experience and to venture outside their major areas of concentration or competence. To earn a pass under the Pass-Fail Option, students must perform at the C level or above. A grade of Pass (P) will count toward graduation but will carry no grade points and will not be used in computing the GPA. A grade of Not Passing (NP) will be recorded on the transcript, but will carry no grade points and will not be used in calculating the GPA.

The following restrictions apply:

1. A student electing the Pass-Fail Option must be in good standing (not on academic probation) and must be of sophomore standing or above.
2. A student electing the Pass-Fail Option must do so at registration by completing a Pass-Fail Option petition, and no change may be made after the add period.
3. No more than 12 credit hours may be taken under the Pass-Fail Option, and no more than one course in any one semester.
4. No course taken on the Pass-Fail Option may be used to satisfy the general education requirements or be taken in one's major or minor fields. If a student who completes a course under the Pass-Fail Option later changes his/her major and that course is required for the major, he/she may petition the department for the course to be accepted.

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5. No course may be repeated on a Pass-Fail Option. A course for which the grade P has been received may not be repeated.

Dropped Courses. All withdrawals from courses must be processed on the College of Charleston Course Withdrawal Form. To withdraw from individual courses, the student must withdraw through a formal process. Students who withdraw from courses with a lab must fill out a separate withdrawal form for the lab. A decision not to attend a course does not constitute a withdrawal from it.

Students may voluntarily withdraw from a course before the official withdrawal date of the semester (see pages 4-10, "Academic Calendar"). A grade of "W" will be entered on their record since the credit value of the course is not recorded. Students must complete a Course Withdrawal Form and submit it to the Office of the Registrar.

After the official withdrawal date, students may withdraw from a course with the grade of "W" only with the special permission of a dean of Undergraduate Studies and the professor. This permission will be granted only if continued enrollment in the course would be detrimental to the student's health or if extenuating circumstances prevent the student's continued enrollment. Students may petition for withdrawal after the official date through the Office of Undergraduate Studies.

Withdrawal from the College. Students may decide to withdraw from the College for a variety of reasons. Any student who is considering a withdrawal should make an appointment with a dean in the Office of Undergraduate Studies. Students should officially withdraw through the dean's office rather than merely dropping out. This will protect the integrity of their transcript and will ensure that their record on file at the College is in order. An accurate student record will be especially important if the student decides to return to the College or transfers to another college. When a student withdraws from the College, grades for the courses affected will be assigned according to the regulations stated above under "Dropped Courses."

Before a student is allowed to officially withdraw, appropriate arrangements must be made with the offices of the Treasurer, Financial Aid, and Residential Life to ensure that all obligations to the College have been satisfied.

If there are documented extenuating circumstances, a student may obtain an involuntary withdrawal or emergency leave from all courses with the approval of the Office of Undergraduate Studies and the student's professors. A student who is granted an involuntary

withdrawal from all courses may reenter the following semester without applying for readmission.

Attendance. Students are expected to attend all classes and laboratory meetings of the course in which they enroll. Class attendance is a crucial part of any course. During the first week of classes instructors will announce and distribute their attendance policies. Students should be aware that whatever the policy, the student is responsible for all information disseminated in the course. If a student misses more than the permissible number of class meetings, the professor may instruct the Registrar to drop the student from the class roll and record. The professor will first notify the student of excessive absences which, if not corrected, will result in a grade of "WA."

Absence from Final Examinations. The temporary mark of X may be assigned if a student is absent from a final examination. Not a grade, the X reverts to an F within 48 hours unless an excused absence has been granted by a dean in the Office of Undergraduate Studies. When an excused absence has been granted, the X is changed to an I.

The dean will grant an excused absence if the student has documented illness on the day of the examination or if documentable extenuating circumstances prevented the student's presence at the examination. An excused absence entitles the student to a make-up examination, which will be held as soon as possible. Any student who has not been granted an excused absence will fail the course and will be able to obtain credit only by repeating the course and earning a passing grade.

Examinations must be taken at the time scheduled (refer to the appropriate copy of "Course Information" or obtain a copy from the registrar) except when (a) two or more exams are scheduled simultaneously, or (b) the student has three consecutive examinations. Permission to reschedule one exam may be obtained from the Office of Undergraduate Studies with written permission of the instructor. This permission must be obtained *prior* to the first day of the exam period.

Re-examinations are not allowed.

Semester Hours (Credit Hours). The credit that a student earns by the satisfactory completion of the work in any course is measured in units called semester hours. The semester-hour value of most courses is the same as the number of hours per week that the course meets during one semester. However, three hours a week of required laboratory work have a credit value of only one semester hour.

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Full-Time Status. Students at the College are considered full-time if they are registered for 12 or more hours and are paying full tuition. However, it should be noted that an academic schedule of only 12 hours is not sufficient to allow a student to graduate within four calendar years, without attending summer school.

Class Rank and Graduation Requirements. Advancement to sophomore rank requires credit of at least 30 semester hours; to junior rank, 60 semester hours; to senior rank, 90 semester hours. Students may not advance to junior rank until their major has been declared.

A minimum of 122 semester hours of credit is required for graduation. In order to graduate, all students must earn at least two quality points for every hour they have attempted at the College of Charleston, i.e., a grade point average (GPA) of at least 2.0. In addition, students must maintain a grade point average of at least 2.0 for all courses taken in the major department unless stated otherwise in the *Bulletin* description of the major. In an interdisciplinary major, such as urban studies, courses in the major department include all of the courses taken in the student's area of concentration.

During the junior year, all students should apply for graduation through the Office of the Registrar. After application is made, students should review the degree audit with a member of the registrar's staff.

Grade Point Average (GPA). The number of grade points earned for each course is calculated by multiplying the semester-hour value of the course by the number of grade points assigned to the grade received for the course. For example, a grade of B received in a three-semester-hour course would earn 9.0 grade points (3.0 grade points \times 3 semester hours).

At the end of each semester the student's GPA for the semester is calculated. To compute the semester GPA, the total number of grade points earned for the semester is divided by the total number of GPA hours carried (that is, the semester hours carried minus the hours of courses numbered below 100). For instance, a student who earns 36 grade points while carrying a course load of 15 semester hours would earn a GPA of 2.40 for the semester.

The student's cumulative GPA is also computed at the end of each semester. This is the grade point average the student has earned up to that point at the College. The cumulative GPA is computed by dividing the total grade points the student has earned at the College by the total number of hours carried (excluding courses numbered below

100). For example, a student who has earned a total of 180 grade points over 90 semester hours would have a cumulative GPA of 2.0.

Three-Year Transfer Option. Students readmitted to the College after an absence of three or more years may choose to have their previous College of Charleston record treated as transfer credit if they achieve a GPA of 2.50 or better upon completion of 15 semester hours earned. Previous work at the College will remain on the students' permanent records; however, only course work completed since readmission will be used to calculate their cumulative GPA. Students choosing this option should request it in writing to the Office of Undergraduate Studies when the 15 semester hours are completed.

NOTE: Students who choose to apply the three-year transfer option to their record should be aware that any D course work done prior to readmission will not count toward graduation. For the purpose of calculating GPA for graduation with honors, all course work taken at the College of Charleston will be included in that calculation.

Minimum Scholastic Attainment and Probation. Students enrolled at the College of Charleston must earn a minimum grade point average to avoid being placed on academic probation. In order for students to recognize at an early stage that they are not progressing satisfactorily, there are also minimum standards which trigger an academic early warning system. The standards and criteria for both are as follows:

Credits Earned	Academic Probation I	Academic Probation II
	Standards Grade Point Average	Early Warning Standards Cumulative GPA Required
0-19	1.20	1.50
20-59	1.60	1.80
60-89	1.85	2.00
90 and up	2.00	2.00

Probation I: If in any semester a student's cumulative GPA is less than the Probation I standard GPA, the student will be placed on Academic Probation I. In addition to enrolling in the class Learning Strategies (EDEV 001) in the ensuing semester, the student must make up the deficiency, i.e., attain a cumulative GPA which meets or exceeds the probation standards within the next 15 hours attempted. All 15 hours need not be taken in the ensuing semester (Learning Strategies is

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required in the following semester, provided it has not been successfully taken previously); rather, the deans of Undergraduate Studies will make a judgment about the student's case at the conclusion of the semester in which the 15th hour is completed. If at the end of that semester the student's cumulative grade point average is not back in compliance with the Probation I standards, the student will normally be withdrawn from the College for academic deficiency. Courses numbered below 100 (including EDEV 001) will not be included in the 15 hours that a student has to satisfy probation, nor will they count toward GPA.

Probation II, Early Warning: Any student enrolled at the College of Charleston whose cumulative GPA meets the Probation I standards but is below the early warning standards will receive a letter of academic warning. After receiving a letter of academic warning, if the student's cumulative GPA fails to meet or exceed the early warning standards at the end of the semester in which he or she completes 15 additional semester hours, the student will be placed on Probation II. When on Academic Probation II the student's cumulative GPA must meet or exceed the early warning standards stated above within the next 15 semester hours attempted, or the student will normally be subject to dismissal for academic deficiency. All 15 hours need not be taken in the ensuing semester; rather, the deans of Undergraduate Studies will make a judgment about the student's case at the conclusion of the semester in which the 15th hour is completed. In addition, a student placed on Academic Probation II will be required to enroll in Learning Strategies (EDEV 001) in the ensuing semester, if the course has not already been successfully taken.

Students are placed on Academic Probation I or II as notification that the level of their academic work is endangering their opportunity to earn a degree from the College and that their continuation at the College is in jeopardy. The conditions of probation and academic warning are intended to 1) provide an occasion for counseling and enrollment in Learning Strategies at a sufficiently early date for assistance to be effective, and 2) give students who are experiencing difficulties further opportunity to demonstrate adequate performance.

Students on probation may receive transfer credit for courses at another institution, however, credit for such work will not be awarded or entered on the transcript until the probation status has been removed.

Students who are withdrawn from the College for academic deficiency are not eligible for financial aid.

Readmission of Students Dismissed for Academic Deficiency. Students who have been dismissed once for academic deficiency may apply for readmission only after the lapse of two semesters (for this purpose, the 10-week summer session is considered one semester). Students who have been dismissed twice for academic deficiency may apply for readmission only after the lapse of three calendar years from the second dismissal.

Because the simple passage of time cannot ensure that dismissed students will improve their academic records, applicants for readmission must submit with their applications for readmission a personal letter addressed to the Office of Undergraduate Studies outlining how they have used their time while out of school and giving their reasons for believing that they will now be able to succeed at the College. Please refer to pages 26-28 of this *Bulletin* for further information on the process of readmission. Additional information and letters of recommendation may be required from some applicants. Those applicants who are readmitted to the College will be required to attend a full-day workshop before re-enrollment to make sure that they understand the retention and graduation standards they will be required to meet. The workshop will include academic advising and registration in classes.

Credits earned at another institution during a dismissed student's period of ineligibility will not be accepted toward a degree at the College of Charleston.

Course Repetition Policy. Under this policy, students may elect to repeat up to 12 credit hours of passed coursework excluding: 1) prerequisite courses for passed courses and 2) courses which have catalog restrictions due to duplication of subject material. A passed course may be repeated only once regardless of the outcome. Repetition of previously passed courses will not increase the number of transcript credits. (A student will receive credit once for any course passed twice.) All grades will be recorded on the transcript, and repeated courses will be highlighted to distinguish them from other courses. An averaged grade, representing the original course grade and the grade earned for the repeat course, will be used in cumulative GPA calculations. Repeat course grade points will not be used to calculate honors at graduation. During registration, students electing to repeat a course passed previously should complete a form available in the Office of Undergraduate Studies.

Students may repeat any course they have previously failed. The grade earned in the repeated course and the failing grade will both

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be computed in the student's grade point average.

Scholarship students (academic and athletic), financial aid students, and veterans may repeat courses under this policy. In most cases, however, credits from repeated courses previously passed will not be used to satisfy minimum hour requirements for maintaining eligibility.

Course Overload. The normal course load for degree candidates in fall and spring semesters is 14-17 credit hours. Enrollment in courses totaling more than 18 credit hours requires special permission from a dean in Undergraduate Studies. This permission must be obtained before registration for the semester in which the overload is to be carried. The earliest possible time to register for a course overload is during the fix-up period following registration. Failure to obtain permission will result in cancellation of any courses not specifically authorized over 18 hours. Students may take one course only during Maymester. Students may take no more than two courses concurrently during any of the other summer terms without special permission from the Office of Undergraduate Studies.

Courses Numbered Below 100. Hours of credit are awarded for the successful completion of these courses. However, grades earned in these courses are not averaged into the GPA, and *the credit hours earned for these courses are not applied toward the 122 total hours required for graduation.*

Leave of Absence. All requests for leaves of absence must be addressed in letter form to the Office of Undergraduate Studies. Requests for leaves for any semester should be received before that semester begins and not later than two weeks after the semester has begun. Request for leaves after that time will be considered only under fully documented extenuating circumstances. Students participating in the National Student Exchange Program (NSEP), the International Student Exchange Program (ISEP), or special study abroad programs must request leave status through the Office of International and Exchange Programs for the semester in which they will be absent from the campus. These requests will be forwarded to the Office of Undergraduate Studies. When official leave is granted, students need not apply for readmission. However, students should notify the Office of the Registrar in advance that they have been on an approved leave of absence and are planning to return. There are two methods of registration available on return:

- 1) Early registration—If students wish to participate in early registration, at least two weeks prior to early registration they should notify the Office of the Registrar in writing of their intent to return and to pre-register.
- 2) Late registration—To participate in on-line registration just before the term starts, students should present at the registration terminal a copy of the official leave of absence letter received from the Office of Undergraduate Studies and proceed with registration.

NOTE: If a student takes an unofficial leave of absence, he will have to reapply through Admissions, be charged another admission fee, and he will also have to register through Academic Orientation upon returning to the College. A leave of absence is only applicable for a degree seeking student having earned credits at the College. Students not in good academic standing may be denied leave status.

Credit for Work at Another Institution and for Study Abroad —Transient Student Status. A degree candidate at the College of Charleston who wishes to receive College of Charleston credit for courses at another institution not within the Charleston higher education affiliation should follow the procedure outlined below before registering for the courses:

- 1) Secure and complete the appropriate transient forms from the Office of Undergraduate Studies.
- 2) Secure the signature of the chair of the equivalent departments at the College of Charleston for which course credit is being petitioned.
- 3) Submit a completed form and a written petition to the deans of Undergraduate Studies with specific references to the college or university the student will be attending, courses that will be taken, and a current catalog of the institution where the work is to be done.

The deans may consult with the registrar and may refer the request to the Faculty Academic Standards Committee. The institution the student wishes to attend must be fully accredited. College of Charleston credit will be granted for the courses taken only if those courses are ones receiving credit toward graduation in the other college or university conducting the instruction. *In order to ensure that the courses will be accepted at the College of Charleston for transfer credit, they must be approved before actual enrollment.* Acceptance of credit for an approved course will become final only when the registrar of the College of Charleston receives an official transcript of the student's record from

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the institution where the course was taken.

For Study Abroad, the International Student Exchange Program, and the National Student Exchange Program, the determination in advance that credit may be awarded will be made by the College department concerned in consultation with the student. With the exception of the National Student Exchange Program, the department may require a validating examination on the student's return.

Graduation with Honors. Students who earn a grade point average of 3.95 to 4.00 will graduate *summa cum laude*. Students who earn a grade point average of 3.80 to 3.94 will graduate *magna cum laude*. Students who earn a grade point average of 3.60 to 3.79 will graduate *cum laude*. To be eligible for graduation with honors, at least 62 hours of the course work to be applied to the degree must have been completed at the College of Charleston. For the purpose of calculating GPA for graduation with honors, all course work taken at the College of Charleston will be included in that calculation.

College Graduation Awards. High scholarship and exceptional achievement in extra-curricular activities are traditionally important at the College. Prizes that recognize such achievements are also a part of the College tradition. Announcement of the recipients of cups, medals, and other awards is made each year.

GENERAL AWARDS

The Bishop Robert Smith Award, named for the College's first president, is the highest honor a student can receive at the College of Charleston. Up to three recipients who have demonstrated leadership and academic excellence are selected annually from the graduating class.

The Septima Clark Award, established in 1981, is a monetary award given each year to a graduating student with the highest grade point average who has completed at least 60 hours of his or her work at the College of Charleston, with preference being given to a minority student.

The Alexander Chambliss Connelly Award, established by the late Alexander Chambliss Connelly, is a monetary award made annually to the student of the senior class who has made the most unselfish contribution to the student body and to the College of Charleston. The

recipient is chosen by the president and faculty of the College.

The Junior Medal, an award that is held in particularly high regard, is a gift of the Alumni Association. The recipient is the junior who has maintained the highest scholastic average in his or her class over a three-year period of work at the College.

The Thomas A. Palmer Award is presented annually to the continuing education graduate with the highest academic average.

The Peter Pinckney Award was established by Lucian and Millward Pinckney in honor of their late son, Peter, class of 1982. The monetary award is presented annually to the member of the student senate who has given the most time and effort to the student body.

The Willard Augustus Silcox Award is presented annually in honor of Willard Augustus Silcox, class of 1933, to a student who has distinguished himself or herself both academically and athletically.

The Stern Cup may be awarded annually to that member of the senior class of the College of Charleston who has most faithfully served the interest and ideals of the College and who, by character and influence, has best exemplified the ideals and qualities of Theodore S. Stern, former president of the College, both in the College and the community.

DEPARTMENTAL AND OTHER AWARDS

The Alliance Francaise de Charleston Award is presented each year to a junior who has excelled in studies in French, and who plans to continue those studies.

The Alpha Epsilon Delta Harry W. Freeman Academic Excellence Award is presented by Alpha Epsilon Delta Pre-Medical Honor Society in recognition of academic excellence.

The Laura M. Bragg Memorial Award was established through the efforts of Judge and Mrs. James Heyward Furman and their friends in memory and honor of Mrs. Laura M. Bragg. This monetary award is presented annually to an outstanding graduating fine arts student or students chosen by the School of the Arts.

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The Robert H. Coleman Mathematics Award is given annually to a mathematics major who shows exceptional ability and potential in mathematics. The award, which includes a one-year student membership in the Mathematics Association of America and a subscription to "Mathematics Monthly," is given in honor of the late Robert H. Coleman, professor of Mathematics at the College from 1918 to 1959.

The Fanchon Morrow Condon Award in Economics is a monetary award presented annually to the most outstanding student majoring in economics. The recipient is chosen by the economics faculty based on individual achievement and without regard to need or other possible awards.

The Graeser Memorial Award was established by the Alumni Association in 1954 in honor of the late Clarence A. Graeser, Professor of Modern Languages at the College. This award is a monetary prize presented annually to the student of the graduating class who, in the opinion of the modern language teachers at the College, deserves special recognition for work done in any one of the modern languages over a period of not less than three years.

The Marie Alicia Elfe Award in Theatre. This is a monetary award in Theatre presented annually to the most outstanding student who is involved in acting, directing, design or writing for the theatre. The student will be selected by the Theatre faculty.

The Marguerite Elfe Erckmann Award in Voice Performance. This is a monetary award in Voice Performance presented annually to the most outstanding voice performance student. The student will be selected by the Music faculty.

The Anna B. Katona Award in American Literature. Established in 1990 by Dr. Anna B. Katona of the English faculty. The purpose of the monetary award is to recognize the graduating senior in any major with the highest grade point average in upper level courses.

The Harper B. Keeler Political Science Award was established in 1977 by General and Mrs. George E. Keeler in memory of their son, Major Harper Brown Keeler, associate professor of Political Science at the Air Force Academy, who was killed in Vietnam. Both General and Mrs. Keeler were members of the College of Charleston faculty. Recipients of the monetary award are selected by the Department of Political Science.

The Ludwig Lewisohn Prize is named for a distinguished College of Charleston graduate. It is awarded annually to students majoring in any academic discipline who demonstrate superior research and writing potential in topics related to Judaism. The prize is allocated from funds within the Elka and Nathan Yaschik Jewish Studies Program. Recipients are chosen by the Jewish Studies' director in consultation with those faculty submitting their students' work.

The Carl Likes Award was established in honor of the career of Dr. Carl Likes, class of '37. The monetary award goes to an outstanding chemistry student. Dr. Likes served as professor of chemistry at the College for more than 24 years.

The Henry Miller Memorial Award is given annually to a graduating senior who has performed outstanding work in French and who intends to pursue a career in this field.

Two prizes are awarded annually for outstanding work in American history. *The William Moultrie Cup*, presented by the Rebecca Motte chapter of the D.A.R., gives recognition for excellence in advanced American History courses. *The American History Prize* is the gift of the American Federation of Women's Clubs to the woman student who has achieved the highest honors in the general course in American History.

The Harold A. Mouzon Classical Studies Award was established by John and Elizabeth Mouzon Sadler, '46, in memory of her father, Harold A. Mouzon, class of 1913. The award is presented annually for special recognition of a student working in the area of classical languages.

The William F. Muckenfuss Award. Established in 1987, this is a cash award given to an outstanding continuing education student who is studying accounting. The recipient is selected by the accounting faculty.

The Phi Kappa Phi Merit Award is given annually to the Phi Kappa Phi junior or senior with the highest grade point average.

The Phi Kappa Phi Research Award, established in 1979 by the local chapter, is given annually to the student whose independent study or bachelor's essay is judged the best among those submitted to a select committee.

ACADEMIC REGULATIONS

The Carrie Pollitzer Education Award is a cash prize awarded to the student in an approved teacher education program achieving the highest score (Composite Percentile Rank) each year on the National Teacher Examination.

The Harrison Randolph Calculus Award is given jointly by the Alumni Association and the Department of Mathematics in honor of the late Harrison Randolph, professor of mathematics and president of the College from 1897 to 1945. The award carries a cash stipend. The recipient is chosen on the basis of a written competitive examination in elementary calculus. This examination is given each spring and is open to all full-time undergraduate students at the College who have taken introductory calculus during the previous year.

The William Young Warren Ripley, Jr., Memorial Award was established in 1978 by friends of the Ripley family. It is awarded to the top accounting graduate to assist with his or her expenses in taking the CPA examination for the State of South Carolina.

The Silcox-Keeler Tennis Award, established by an alumnus, honors General George Keeler and Willard Silcox, both outstanding members of the College community and sportsmen. The monetary award is given to the outstanding man and woman tennis players.

The Edward E. Towell Chemistry Prize is awarded annually to the student who achieves the highest grade in organic chemistry.

The Edward Emerson Towell Scientific Award is named for Dr. Edward Emerson Towell, class of 1934, former dean of the College. Established by an alumnus of the College, it is a monetary award given annually to a graduating senior who has either majored in one of the natural sciences or has been a pre-medical student. The recipient must have demonstrated outstanding achievement in science courses and must show the greatest promise of future growth and development in his or her chosen scientific career. The recipient is chosen by the joint decision of the faculties of the biology, chemistry, geology, and physics departments of the College.

The Wall Street Journal Student Achievement Award is presented annually to an outstanding senior student in the School of Business and Economics.

The Katherine Walsh Award in English is a monetary award presented annually to the senior English major graduating in either December or May who has the highest average in English courses taken at the College of Charleston.

The Camille Welborn Memorial Award was established in 1984 by Mr. and Mrs. James H. Welborn in honor of their daughter. The monetary award is given to a sophomore or junior swimmer.

Faculty Honors List. After the end of each semester, the Office of the President publishes the Faculty Honors List. Students are named to this list who were enrolled in and completed at least 14 semester hours and who earned a GPA of 3.8 (Highly Distinguished) or 3.6 (Distinguished). In neither case may there be a grade lower than C, nor an I (Incomplete).

SPECIALIZED DEGREE PROGRAMS

THE BACHELOR OF SCIENCE WITH DENTISTRY AND THE BACHELOR OF SCIENCE WITH MEDICINE

The Bachelor of Science with Dentistry and the Bachelor of Science with Medicine are specialized forms of the bachelor of science degree. Candidates for these degrees do not register a major since they will ordinarily attend the College of Charleston for only three years, pursuing a highly specialized program of study. However, candidates for either of these degrees should be aware of major requirements in the event that they decide to become candidates for a bachelor of science or bachelor of arts degree.

The B.S.D. and B.S.M. degrees may be conferred upon students who have completed three years of study in residence at the College of Charleston and who have met the special requirement explained below. To receive the B.S.D. or B.S.M. degree after completing the program, the student must address a formal application to the faculty of the College of Charleston along with an official statement from the dental school or medical school certifying that the student has successfully completed the degree requirements.

The Bachelor of Science with Dentistry. To earn the Bachelor of Science with Dentistry, a student must earn at least 92 semester hours of credit. These credits must be earned at the College of Charleston. During their three-year residency at the College, B.S.D. candidates must meet the minimum degree requirements for all degrees, and must include in their program the following:

Chemistry:	16 semester hours - eight semester hours must be in general chemistry, and eight semester hours in organic chemistry
Physics:	eight semester hours
Biology:	eight semester hours
College Mathematics:	six semester hours

After their three years at the College, B.S.D. candidates do their fourth year of work at an accredited dental school. After successfully completing this final year of work, students receive the Bachelor of Science with Dentistry from the College of Charleston.

The Bachelor of Science with Medicine. To earn the Bachelor of Science with Medicine, students must earn at least 92 semester hours at the College of Charleston. During their three years at the College, B.S.M. candidates must complete the minimum degree requirements for all degrees, and must include in their program the following:

- | | |
|----------------------|---|
| Chemistry: | 16 semester hours — eight hours must be in general inorganic chemistry, and eight semester hours in organic chemistry |
| Physics: | eight semester hours |
| Biology: | eight semester hours |
| College Mathematics: | six semester hours |

HONORS PROGRAM

THE HONORS PROGRAM

803-792-7154

Rose C. Hamm, Director

The College of Charleston recognizes that gifted and talented students have special educational needs. In order to help meet the needs of each student, the College has an Honors Program which gives unusually able students the opportunity to:

- take special courses designed for students of high ability;
- engage in independent projects and research;
- confront greater intellectual challenges and stimulation;
- receive individualized instruction through a tutorial system;
- participate in a peer community of students with similar abilities; and,
- participate in more intensive intellectual discussion and debate.

Among the special features of the Honors Program are the following:

The Honors Colloquium. The Honors Colloquium is at the core of the Honors Program. Honors Colloquia are small, seminar-style classes which emphasize student participation and discussion. Honors Colloquia are more than just accelerated courses. They are more intensive, meet more frequently, and carry more academic credit than courses in the regular curriculum. Honors Colloquia are broad in scope and transcend traditional disciplinary boundaries. Normally, they are taught by a team of professors from different academic departments.

The Tutorial. An important part of the Honors Program is the tutorial system, modeled after the program of instruction in use at Oxford, Cambridge, Harvard, and other major universities. Each academic department has a course numbered 399 and entitled "Tutorial." Juniors in the Honors Program enroll in a tutorial either in the Honors Program or in the department of their choice. Each tutorial is designed to supplement regular course offerings and to respond to the particular interests, needs, and goals of an individual student. Together with their tutors, Honors Program students design their own individual courses of study, determine reading and written assignments, and plan inde-

pendent projects. Then, they meet individually with their tutors—usually once a week—to discuss readings and written work, as well as to report on the progress of their research.

Other Opportunities. In addition to the Honors Colloquia, there are Honors Program courses in English, mathematics, and the laboratory sciences. Special topics courses are offered in the Honors Program in accordance with student and faculty interest. Also, Honors Program students are encouraged to complete scholarly off-campus projects which may include study abroad, internships, or special research projects.

The Honors Center. The Honors Program is much more than a series of courses. To facilitate a sense of community among Honors Program students and faculty, the Honors Program has a physical home, the Honors Center, housed in one of the historic buildings on the College of Charleston campus. The Honors Center has a seminar room as well as a lounge and reading room for the use of Honors Program students and faculty. Students come to the Honors Center to study, meet with professors, work on group projects, socialize, and informally discuss issues of importance to them. In addition, speakers, seminars, and discussion groups are scheduled regularly in the Honors Center. In short, the Honors Center is the focal point for the social and intellectual activities of the Honors Program.

REQUIREMENTS FOR BECOMING AN HONORS PROGRAM GRADUATE

Every student in the Honors Program must complete all college-wide graduation requirements, including the requirements for a major. In doing so, a student becomes an Honors Program graduate by fulfilling the following requirements:

- 1) Honors English (Honors 105 and 106); the Honors Colloquium in Western Civilization (Honors 120 and 130); six hours of mathematics to include Mathematics 120 and either Honors 215 or an additional mathematics course at or above the 200 level.
- 2) Tutorial (399) and Bachelor's Essay (499) either in the Honors Program or in the department of the student's choice.
- 3) One interdisciplinary team-taught Honors course (in addition to Honors 120 and 130).
- 4) Six additional hours of Honors courses. Students may use additional tutorials or independent studies to fulfill this requirement.

HONORS PROGRAM

- 5) A cumulative grade point average of 3.4 or higher.

Those fulfilling the above requirements will be designated Honors Program Graduates on their transcripts and will receive special recognition during graduation ceremonies.

ADMISSION, RETENTION AND FURTHER INFORMATION

The Honors Program has special procedures for admission, its own retention requirements, and other opportunities not described above. For a brochure containing more detailed information and including all necessary application materials, contact the director of the Honors Program or the Office of Admissions.

NOTE: Where space is available, students who are not in the Honors Program may take Honors Program courses if they have the permission of the instructor or the Honors Program director.

HONORS COURSES

- 105 **Honors English (3,3)**
106 (Satisfies the general education requirement in English.)
- 120 **Honors Colloquium in Western Civilization (6, 6)**
130 This year-long colloquium is an intensive interdisciplinary study which relates the arts, literature, and philosophy of the western world to their political, social, and economic contexts. Discussions will be based on wide reading of original sources. Honors 120 examines the development of Western civilization from its origins in the ancient near east through the Renaissance and Reformation. Honors 130 examines developments from the scientific revolution to the contemporary world. (Honors 120 and 130 together satisfy the general education requirement in History; each also counts three hours toward the satisfaction of the general education requirement in humanities.)
- 145 **Honors Laboratory Science (4,4)**
146 Given by one of the natural science departments, this course combines lectures with laboratories.
(Completion of Honors 145 and 146 in the same science satisfies the general education requirement in natural science.)

145B & 146B Honors Biology
145C & 146C Honors Chemistry
145G & 146G Honors Geology
145P & 146P Honors Physics

- 215 Honors Calculus (4)**
A second calculus course especially designed for students with Advanced Placement credit for Mathematics 120. The course will cover the material of Mathematics 220, plus additional material to be determined in part by the backgrounds, interests, and abilities of the students in the course. Prerequisite: Advanced Placement credit for Mathematics 120 or permission of the instructor.
- 220 Honors Colloquium: In the Social Sciences (3-6)**
An examination of the social sciences from their origins in the 17th and 18th centuries through their development in modern times as independent disciplines. Readings cover both theory and current practice. (Satisfies the general education requirement in social science.)
- 230 Honors Colloquium: The Elements of Human Culture (3-6)**
An interdisciplinary study of literature, philosophy, and fine arts as shaping forces for individuals and for society. (Counts toward the general education requirement in humanities.)
- 240 Honors Colloquium: Value and Tradition in the Non-Western World (6)**
This seminar is intended to introduce students to non-Western cultures.
- 245 Honors Colloquium in the History and Philosophy of
246 Science (3, 3)**
This lecture-discussion course is a study of the evolution of scientific ideas from the intuitive insights of early cultures through modern analytic and experimental investigation.
- 390 Special Topics (3-6)**
An honors course on a special topic to be determined by faculty and student interest.

HONORS PROGRAM

- 391 Special Topics in Humanities (3-6)**
An Honors course on a special topic in the Humanities to be determined by faculty and student interest.
- 392 Special Topics in Social Sciences (3-6)**
An Honors course on a special topic in the social sciences to be determined by faculty and student interest.
- 395 Scholarly Off-Campus Project (3 hour minimum)**
Honors Program students are encouraged to engage in scholarly projects off campus; e.g., study abroad, exchanges with other Honors programs, internships, etc. Such projects are normally conceived by the student and worked out in detail with the student's advisor or tutor with the aid of the Honors Program director. Projects will be approved and evaluated for credit by the Honors Program Committee.
- 398 Honors Independent Study (1-3; repeatable up to 6)**
Individually supervised reading and/or research on a topic or project agreed upon by student and supervisor. The amount of reading or the nature of the project will determine the credit to be assigned.
- 399 Tutorial (3; repeatable up to 12)**
Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).
Prerequisite: Junior standing, plus permission of the tutor.
- 490 Senior Honors Seminar (3)**
Honors Students working on Bachelor's Essays meet in a weekly seminar which provides an opportunity for all senior Honors Program students to work together. Topics will vary according to student and faculty interest and will emphasize the common ground of intellectual endeavor.
- 499 Bachelor's Essay (6)**
A year-long research and writing project done during the senior year under the close supervision of a tutor. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the Honors Program Committee prior to registration for the course.

SCHOOL OF THE ARTS
803-792-5600

DEAN

Edward C. McGuire

Department of Art History

Diane C. Johnson, Chair

Department of Art

Barbara Duval, Chair

Department of Music

Steve Rosenburg, Chair

Department of Theatre

Allen W. Lyndrup, Chair

The School of the Arts offers three majors: a Bachelor of Arts degree in Fine Arts; a Bachelor of Arts in Music; and a Bachelor of Arts in Theatre.

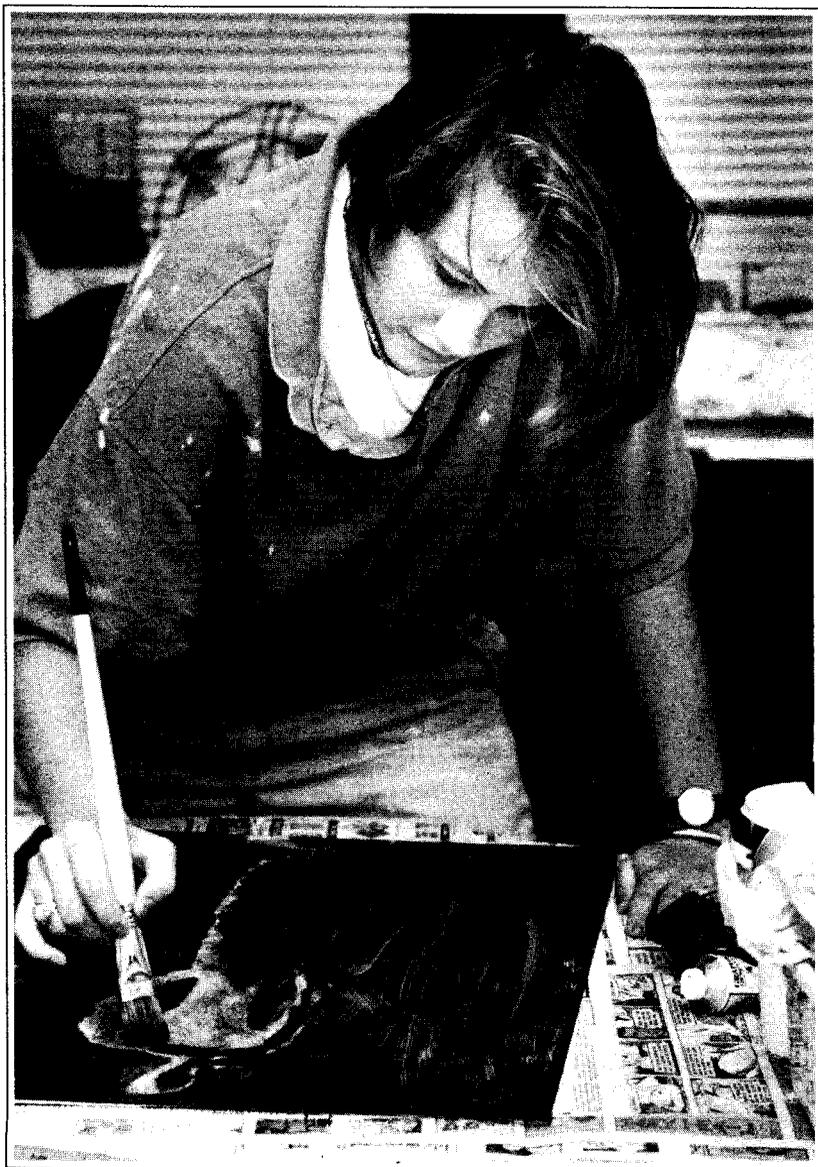
Students who have graduated from the School of the Arts have gone into arts professions ranging from museum and gallery management to professional theatre design work, from careers on the concert stage to work on commissions for major art projects. Majors have been accepted to graduate programs in the visual and performing arts, often as fellowship students.

The School of the Arts is housed in the Simons Center for the Arts. This facility includes the Robinson Theatre and the Halsey Gallery. In addition, there are studios for painting, sculpture, and print-making as well as an art history slide library and teaching auditorium. The music area has a listening library, a recital hall, practice rooms, and a band/choral rehearsal room as well as studio and office space for the faculty. The theatre area includes an experimental theatre, scene shop, costume design and construction studio, drafting room, and dressing rooms.

The School of the Arts is actively involved in the annual Spoleto Festival USA and Piccolo Spoleto. Throughout the academic year guest artists come to the school under such programs as the Gian Carlo Menotti Artist-In-Residence Endowment, the Art History Lecture Series, and the Monday Night Recital Series. Additionally, the school has working relationships with such community arts groups as the Charleston Symphony Orchestra, the Footlight Players, the Gibbes Museum of Art, and the Robert Ivey Ballet, which is in residence at the College of Charleston.

SCHOOL OF THE ARTS

Performance opportunities include the College Concert Choir, the Madrigal Singers, the Fine Arts Singers, the Charleston Pro Musica, the College/Community Orchestra, Center Stage and Paper Bag productions. In addition, there is a Visual Arts Club for students interested in studio art and art history.



ART HISTORY

Diane C. Johnson, Chair

Professor

Diane C. Johnson (Modern/American)

*Addlestone Chair in Lowcountry Art, History and Culture***Associate Professors**

Frank Cossa (18th Century/Ancient)

David M. Kowal (Renaissance/Baroque/Pre-Colombian)

Assistant Professor

Tessa Garton (Medieval/Architecture)

Mary Elizabeth Heston (Asian)

DEGREE REQUIREMENTS**Major in Fine Arts (Concentration in Art History)**

- A. The major requirement totals 36 hours, 21 of which are specified core courses.
- B. The following three courses are required:
 - ARTH 101 History of Art from Prehistoric to Renaissance Times
 - ARTH 102 History of Art from Renaissance through Modern Times
 - ARTS 118 Fundamentals of Studio Practice; Images and Issues
- C. Six hours must be chosen from:
 - ARTH 341 History of the Art of India
 - ARTH 342 History of the Art of China
 - ARTH 343 History of the Art of Japan
 - ARTH 345 History of Greek and Roman Art
 - ARTH 350 History of Early Christian and Byzantine Art
 - ARTH 355 History of Early Medieval and Romanesque Art
 - ARTH 360 History of Gothic Art
 - ARTH 365 History of Northern Renaissance Painting
 - ARTH 370 History of Italian Early Renaissance Art
 - ARTH 375 History of Italian High and Late Renaissance Art
 - ARTH 380 History of Baroque Art
 - ARTH 385 History of European Painting, 1700-1850
 - ARTH 390 History of Modern European Art
 - ARTH 395 History of Modern Architecture

ART HISTORY

D. Six hours must be chosen from:

- ARTS 119 Drawing I
- ARTS 216 Painting I
- ARTS 220 Sculpture I
- ARTS 218 Printmaking I

E. Fifteen hours of art history electives, chosen with the approval of the student's departmental advisor, with nine of those hours at or above the 300 level.

ART HISTORY COURSES

- 101 History of Art from Prehistoric to Renaissance Times (3)**
A combined visual and historical survey of Western art from prehistoric to Renaissance times. The techniques, forms, and expressive content of painting, sculpture, and architecture will be studied within the context of the cultural environment which produced them.
Prerequisites: none
- 102 History of Art from Renaissance through Modern Times (3)**
A combined visual and historical survey of Western art from Renaissance through Modern times. Painting, sculpture, and architecture will be analyzed in terms of technique, form, and expressive content, as well as studied within the context of the historical environment in which they were produced.
Prerequisites: none
- 103 History of Far Eastern Art (3)**
A survey of the history of the arts of India, China, and Japan, including architecture, sculpture, painting, and the decorative arts.
- 240 Gallery Fundamentals (3)**
A basic course combining both the academic and practical applications of arts administration. The class will survey the history, procedures, and functions of art museums and galleries and provide an introduction to such basic tasks as care and handling, identification, and research of art objects. Students will participate directly in mounting and main-

taining exhibitions in the Halsey Gallery.

Prerequisite: ART 109 and ART 118 or permission of the instructor.

- 245 Introduction to Architecture (3)**
A survey of the history of architecture that will analyze architecture in terms of function, structure, and form and will study the major periods.
- 250 American Art (3)**
A survey of American architecture, sculpture, and painting from Colonial times to the present, with an emphasis on the relationships of American art to European art, and of American artists to their public.
No prerequisite; Art 101 or 102 recommended.
- 340 Selected Topics in Art (3)**
Special studies of varying topics in art and architectural history (such as Venetian Painting, History of Photography, Illuminated Manuscripts, Spanish Baroque Painting and Sculpture, Charleston Architecture), etc.
Prerequisite: Art 101 or 102 or permission of the instructor.
- 341 History of Art of India**
A study of the art and architecture of the Indian subcontinent from the Indus Valley civilization through the Mughal period, with an emphasis on historical, social, and religious context.
Prerequisite: ARTH 103 or permission of the instructor.
- 342 History of the Art of China**
A study of the arts of China from the Neolithic period through early modern times, with emphasis on historical, social and religious context.
Prerequisite: ARTH 103 or permission of the instructor.
- 343 History of the Art of Japan**
A study of the arts of Japan through early modern times, with emphasis on historical, social, and religious context.
Prerequisite: ARTH 103 or permission of the instructor.

ART HISTORY

- 345 History of Greek and Roman Art (3)**
A study of Greek art from the Minoan civilization through the Hellenistic period, and of Roman art from the Republic through the Empire.
Prerequisite: Art 101 or permission of the instructor.
- 350 History of Early Christian and Byzantine Art (3)**
Christian art from the late Roman Empire through the development of the Byzantine style and its influence in Western Europe; a study of the major surviving architectural monuments and mosaics in centers such as Rome, Constantinople, Ravenna, Venice, and Sicily, as well as manuscript painting and minor arts.
Prerequisite: Art 101 or permission of the instructor.
- 355 History of Early Medieval and Romanesque Art (3)**
A study of architecture, sculpture, painting, and minor arts in Western Europe from the eighth through the 12th century, including Insular, Carolingian, Ottonian, and Romanesque art.
Prerequisite: Art 101 or permission of the instructor.
- 360 History of Gothic Art (3)**
A study of Gothic architecture, sculpture, painting, and minor arts in Western Europe from the 12th through the 15th century.
Prerequisite: Art 101 or permission of the instructor.
- 365 History of Northern Renaissance Painting (3)**
Study of the development of painting in Northern Europe during the 15th and 16th centuries. Artists to be discussed include Jan van Eyck, Roger vander Weyden, Hieronymous Bosch, Albrecht Durer, and Peter Brueghel.
Prerequisite: Art 102 or permission of the instructor.
- 370 History of Italian Early Renaissance Art (3)**
Study of the painting, sculpture, and architecture produced in Italy during the 14th and 15th centuries.
Prerequisite: Art 102 or permission of the instructor.

- 375 **History of Italian High and Late Renaissance Art (3)**
Study of the painting, sculpture, and architecture produced in 16th century Italy. The course will focus upon High Renaissance masters Leonardo da Vinci, Michelangelo, Raphael, and Bramante, and the major practitioners of later 16th century "mannerism."
Prerequisite: Art 102 or permission of the instructor.
- 380 **History of Baroque Art (3)**
Study of the diverse stylistic developments of 17th century European painting and sculpture. Concentration will be on the major masters of the period, including Caravaggio, Bernini, Rubens, Poussin, Velazquez, Rembrandt, and Vermeer.
Prerequisite: Art 102 or permission of the instructor.
- 385 **History of European Painting, 1700-1850 (3)**
Study of the major artistic movements in European painting from 1700 to 1850; the Rococo and its transformation; the development of Neoclassicism and Romanticism.
Prerequisite: Art 102 or permission of the instructor.
- 390 **History of Modern European Art (3)**
This course will consider the stylistic developments of modern art in Europe from 1850 to 1945.
Prerequisite: Art 102 or permission of the instructor.
- 395 **History of Modern Architecture (3)**
A study of modern architecture from 1885 to the present concentrating on the American contributions of Sullivan and Wright, the European modernists, Gropius, Mies van der Rohe, Le Corbusier, and post World War II developments.
Prerequisite: Art 102, or Art 245, or permission of the instructor.
- 399 **Tutorial (3, repeatable up to 12)**
Individual instruction given by a tutor in regularly scheduled meetings.
Prerequisites: Junior standing, plus permission of the tutor, tutorial committee, and the department chair. Intended for Honors students.

ART HISTORY

- 410 Internship (3)**
Designed to provide the advanced student with the opportunity to receive both academic and practical training outside the context of a regularly scheduled class. Students will pursue an experiential course of study with a sponsoring arts organization, such as the Gibbes Museum of Art. Open by application to junior and senior visual arts students with a GPA of 3.0 or better who have successfully completed both Art 101 or 102 and Art 240, or have permission of the faculty oversight committee.
- 414 Seminar in Art and Architectural History (3)**
Intensive studies in seminar format of varying art and architectural topics. Essentially a research-writing oriented course. Topics previously offered include Medici Patronage, American Symbolist Painting, and Caravaggio and His Followers. Intended for junior or senior Art History majors.
- 415 Senior Independent Study in Art and Architectural History (3)**
The student who has taken an appropriate sequence of preparatory courses in one area or problem of art and architectural history determines a project to research and writes about it in consultation with a department member qualified to guide and judge the work.
Prerequisite: Students must be juniors or seniors with overall GPAs of at least 2.75 and a Art History GPA of at least 3.3, and permission of the department.
- 499 Bachelor's Essay (6)**
A year-long research and writing project completed during the senior year under the close supervision of a tutor from the department. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

ART

Barbara Duval, Chair

Professor

Michael Tyzack (Painting)

Associate Professors

Barbara Duval (Printmaking)

John N. Michel (Sculpture)

Michael Phillips (Painting)

Assistant Professor

Herb Parker (Sculpture)

Major in Fine Arts (Studio Art Concentration)

- A. The major requirement totals 36 hours, 18 of which are specified core courses.
- B. The following three courses are required:
- ARTH 101 History of Art from Prehistoric to Renaissance Times
 - ARTH 102 History of Art from Renaissance through Modern Times
 - ARTS 118 Fundamentals of Studio Practice; Images and Issues
- C. Three hours chosen from:
- ARTH 345 History of Greek and Roman Art
 - ARTH 350 History of Early Christian and Byzantine Art
 - ARTH 355 History of Early Medieval and Romanesque Art
 - ARTH 360 History of Gothic Art
 - ARTH 365 History of Northern Renaissance Painting
 - ARTH 370 History of Italian Early Renaissance Art
 - ARTH 375 History of Italian High and Late Renaissance Art
 - ARTH 380 History of Baroque Art
 - ARTH 385 History of European Painting, 1700-1850
 - ARTH 390 History of Modern European Art
 - ARTH 395 History of Modern Architecture
- D. Six hours chosen from:
- ARTS 119 Drawing I
 - ARTS 216 Painting I
 - ARTS 218 Printmaking I
 - ARTS 220 Sculpture I

E. Eighteen additional hours of electives, chosen with the approval of the student's departmental advisor, with 15 of those hours at or above the 300 level.

STUDIO ART COURSES

- 118** **Fundamentals of Studio Art: Images and Issues (3)**
A studio-oriented course for beginning and advanced students that explores the fundamental concepts and content in today's art. Through extensive individual drawing, reading, and discussion, the roots and meanings of our art are confronted in terms of the relationship between images and the techniques that generate these images, and social, economic, political, and aesthetic attitudes. Technique and methods are considered for their basic qualities and differences in painting, graphics, sculpture, and drawing. Art 119, Drawing I, can be taken concurrently with this course.
- 119** **Drawing I (3)**
Through the development of visual perception, students explore a variety of objects and environments, using the fundamental elements of drawing—line, shape, form, value, texture, space, and composition—to create images and express individual ideas with a variety of graphic media and approaches. Art 118, Fundamentals of Studio Art: Images and Issues, can be taken concurrently with this course.
- 216** **Painting I (3)**
Further study of drawing and painting techniques, with special emphasis on color and composition.
Prerequisite: Art 119.
- 218** **Printmaking I (3)**
Introduction to fundamental techniques of graphic art processes, including monotype, basic relief and intaglio printing techniques. Emphasis will be on the development of a personal imagery, as well as technical understanding of process.
Prerequisite: Art 119 or permission of the instructor.

- 220 Sculpture I (3)**
Introduction to fundamental processes and materials of sculpture, including wood, metal, and plaster. Emphasis placed on exploration of materials as potentially expressive of ideas in three-dimensional form.
Prerequisite: Art 119 or permission of the instructor.
- 229 Drawing II (3)**
Continuation of Art 119 with emphasis on the use of the human figure in space as a compositional element.
Prerequisite: Art 119.
- 322 Painting II (3)**
Continuation of Art 216, with greater emphasis on the expression and technique of the individual student. Large-scale paintings, additional study in the use of various painting media.
Prerequisite: Art 216.
- 323 Printmaking II (3)**
Exploration of the etching process through the use of dry-point, hard and soft ground, and aquatint techniques; emphasis placed on development of personal imagery and aesthetic goals.
Prerequisite: Art 218 or permission of the instructor.
- 324 Sculpture II (3)**
A further opportunity to increase abilities in the creative processes of sculpture. A wider range of choices will be left to the individual within a still-structured environment of criticism and instruction.
Prerequisite: Art 220 or permission of the instructor.
- 326 Drawing III (3)**
Continuation of Art 229.
Prerequisite: Art 229 or permission of the instructor.
- 328 Painting III (3)**
Further development of the language skills needed to express clear visual thought. Emphasis on color and drawing and on overall composition in relation to the painter's intention and achievement.
Prerequisite: Art 322.

ART

- 329 Lithography (3)**
Further development of ideas into visual statements using the medium of lithography.
Prerequisite: Art 218 or permission of the instructor.
- 330 Sculpture III (3)**
Intermediate study of sculpture, investigating issues of material, process, and content.
Prerequisite: Art 324 or permission of the instructor.
- 331 Painting IV (3)**
Continuation of Art 328, which is a prerequisite.
- 332 Advanced Printmaking (3)**
An advanced course designed for students who have had previous technical experience with the various printmaking media. The goal of this course is to enable students to investigate personal concerns and objectives through an ambitious and concentrated body of work.
Prerequisite: Art 323 and/or Art 329, or permission of the instructor.
- 333 Sculpture IV (3)**
Advanced studies in sculptural issues, materials and processes.
Prerequisite: Art 330 or permission of instructor.
- 335 Selected Topics in Advanced Studio Practice (3)**
Intensive studies in specialized aspects of studio practice. Topics will vary according to faculty and student interests. Topics to be offered will include: Advanced Color Theory; the Extension and Application of Drawing; Jumbo Prints; Advanced Figure Studies in Drawing and Printmaking; Sculpture Foundry/Casting Techniques; etc.
Prerequisite will vary according to topic.
- 399 Tutorial (3, repeatable up to 12)**
Individual instruction given by a tutor in regularly scheduled meetings.
Prerequisite: Junior standing, plus permission of the tutor and the department chair.

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Senior Independent Study in Studio Art (3 or 6)

Students who have taken an appropriate sequence of preparatory courses in one area or problem of studio art determine a project in consultation with a department member qualified to guide and judge the work.

Prerequisite: Students must be seniors, with overall GPAs of at least 2.75 and art GPAs of at least 3.3. An Application for Independent Study Proposal form must be submitted by the student to the project advisor prior to the beginning of the term and must be approved by the faculty in the area of concentration, as well as by the department chair. Application forms are available in the office of the chair.

MUSIC

MUSIC

Steve Rosenburg, Chair

Professor

David W. Maves (Composer-in-Residence/Music Theory)

Associate Professors

Douglas D. Ashley (Music History and Piano)

Enrique Graf (Artist-in-Residence/Piano)

William D. Gudger (Music History/Music Theory)

Willard Oplinger (Choral/Vocal Music)

Steve Rosenberg (Early Music)

Assistant Professors

Willard Cottrell (Choral/Vocal Music)

Hazel Ketchum (Guitar/Lute)

MAJOR IN MUSIC

Bachelor of Arts in Music:

- A. Music Theory/History Core (22 hours)
Music 246, 247 Music Theory I, II (6)
Music 246L, 247L, 346L, 347L Music Theory labs (4)
Music 381, 382 Music History I, II (6)
Music 481, 482 Music Theory III, IV (6)
- B. Applied Music (8 hours): at least four semesters in one area
Music 261 and/or 461 (study of an instrument or voice)
NOTE: All music majors must pass a piano proficiency exam or take at least two semesters of piano or class piano.
- C. Ensembles (3 hours): at least three semesters in one of the departmental ensembles.
- D. Concentrated Work in one of the following areas (9 hours)
 - 1) Applied Music: nine additional hours, with at least six hours at the 400 level (any combination of Music 461 and 475).
 - 2) Theory/composition (9 hours)
Seminar in Composition Music 351, 352 (6)
Independent Study in Composition Music 460 (3)

- 3) History/literature (9 hours)
 Selected Topics in Music History Music 444 (3)
 Independent Study in Music History Music 445 (3)
 History of Art from Renaissance through
 Modern times ARTH 102 (3)
 (Normally as preparation for graduate work in music
 history or musicology, the student is urged to seek
 additional language training, especially German, plus
 French or Italian if possible.)

Total Hours: 42 (core—22, applied—8, ensembles—3,
 concentration—9)

MUSIC COURSES

- 131 Music Appreciation: The Art of Listening (3)**
 Introduction to the fundamentals of music necessary for intelligent listening. Musical terminology and historical data are presented as needed, but central to the course is the development of more perceptive listening habits through guided listening to a variety of works.
- 146 Fundamentals of Music (3)**
 A study of the basics of music notation and its realization. Includes a study of scales, key signatures, intervals, rhythmic notation, and chord construction. Sight-singing of simple melodies and ear training will be a major part of the course.
- 147 Fundamentals of Music II (3)**
 A continuation of Music 146. Harmonization of simple melodies, a study of non-harmonic tones, cadences, introduction to figured bass and harmonic analysis. Sight-singing and ear training will be a major part of the course. Prerequisite: Music 146.
- 150 Physics of Sound and Music (3)**
 An investigation of mechanical and electronic generation of sound; propagation of sound; perception of sound and music; the acoustics of vocal and instrumental music; musical elements such as pitch, loudness, and timbre; and musi-

MUSIC

cal constructs such as scales, temperament, and harmony. This course is team-taught by physics and music faculty. Prerequisite: A working knowledge of high school algebra is assumed.

230 Masterworks of Music Literature (3)

A study of representative compositions by master composers from 1700 to the present. No technical knowledge of music is required, but some familiarity with classical music is helpful.

Prerequisite: Music 131 or permission of the instructor.

246 Music Theory I (3)

A study of diatonic harmony utilizing traditional four-part exercises. Harmonic and Schenkerian analysis of works of Bach and Mozart. Music 246L should be taken concurrently. Prerequisite: A passing grade on a placement examination.

246L Music Theory I Lab (1)

The study of musical scales, intervals, and key signatures utilizing sight singing, ear training, and keyboard exercises. Laboratory, three hours per week. Should usually be taken with Music 246.

247 Music Theory II (3)

A continuation of Music 246. Further study of harmonic practice through chromatic and linear harmony, with emphasis on late 18th and 19th century "common practice period." Extensive analysis of both large- and small-scale forms of works of Mozart, Haydn, Beethoven, Chopin, Wagner. Includes several smaller projects and one larger formal analysis presented as a paper.

Prerequisites: Music 246 and 246L or permission of the instructor.

247L Music Theory II Lab (1)

Continuation of music 246L with more ear training and sight singing, and beginning of four-part harmonic dictation. Laboratory, three hours per week.

Prerequisite: Music 246L or permission of instructor. Should usually be taken with Music 247.

- 337 Opera Literature (3)**
A study of selected operas by composers of the 18th to 20th centuries.
Prerequisite: Music 131, 230, or permission of the instructor.
- 347 History of Jazz (3)**
A study of the historical, cultural, and musical significance of jazz and the major trends and styles of jazz, with attention to the most important performers in this idiom.
Prerequisite: Music 131 or permission of the instructor.
- 348 Music in America (3)**
A survey of music in American culture from Colonial times to the present, with particular attention to the social setting for American music and the influence of European and African cultures on American music. The course will involve listening to and discussing representative compositions by American composers. In the first part of the course particular attention will be paid to Charleston as a musical center before 1860.
Prerequisite: Music 131 or any course in American history or literature would be helpful.
- 351 Seminar in Music Composition I (3)**
Composition with adherence to strict forms and creative writing in various forms and media.
- 352 Seminar in Music Composition II (3)**
Continuation of creative work begun in Music Composition I, with analysis emphasis on larger 20th century works. The student's final project will be presented in a public performance of the composition.
Prerequisite: Music 351.
- 380 Teaching Music in the Public Schools**
A study of the philosophy of music education in America, tracing its development from John Dewey through Susanne Langer. Students will have the opportunity to visit local schools as observers. A large portion of the course is the development of an individual philosophy.
Prerequisites: Music 123, EDUC 201, Music 372.

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- 381 Music History I (3)**
A study of music in Western European society between 400 A.D. and 1700 A.D. Medieval, Renaissance, and early Baroque styles of music, as seen in representative compositions and composers. Extensive listening to selected compositions and analysis of them, with attention to performance practice and the place of music in the society of the period.
Prerequisite: Music 247 or the permission of the instructor.
- 381L Music Theory Lab III (1)**
Consists of keyboard harmony exercises, a review at the keyboard of material presented in Theory I, as well as singing and dictation. Laboratory, three hours per week.
Prerequisite: Music 247L. Should normally be taken concurrently with Music 381.
- 382 Music History II (3)**
A study of music in Western European society in the 18th and 19th centuries. Music of the late Baroque masters, Classical period, and Romantic period. Extensive listening to selected compositions and analysis of them, with attention to performance practice and the place of music in the society of the period.
Prerequisite: Music 381 or the permission of the instructor
- 381L Music Theory Lab IV (1)**
Advanced projects in analysis, keyboard skills, diction, and/or ear training. A review of skills from previous theory and theory lab courses, tailored to the needs of the student enrolled. Laboratory, three hours per week.
Prerequisite: Music 346L. Should normally be taken concurrently with Music 382.
- 399 Tutorial (3, repeatable up to 12)**
Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).
Prerequisite: Junior standing, plus permission of the tutor and the department chair.
- 444 Seminar: Selected Topics in Music History (3)**
Concentrated investigation in various subjects in music

literature as announced each semester. Possible topics are the music of a particular composer; a study of Baroque ornamentation as realized in performance practice; or iconography (visual arts in music research), including a survey of archives or prints, discussion of paintings, etc., on musical subjects, and the use of iconography in research.
Prerequisite: Permission of the instructor.

- 445 Senior Independent Study in Music History (3)**
Students who have taken an appropriate sequence of preparatory courses in one area or problem of music history determine a project in consultation with a department member qualified to guide and judge the work.
Prerequisite: Open to juniors or seniors, with an overall GPA of at least 2.75 and a music GPA of at least 3.3, with the permission of the department.
- 460 Senior Independent Study in Music Theory or Composition (3)**
Large-scale project investigating a specific problem in theory, or a significant musical composition. May be repeated for a second semester if the scope of the project warrants it, or if an additional topic is selected.
Prerequisites: Music 352 or permission of the instructor. An overall GPA of at least 2.75 and a fine arts GPA of at least 3.3, with the permission of the department.
- 481 Music Theory III (3)**
Counterpoint as a musical structure. Exercises in writing 16th-century style counterpoint in two, three, and four voices. Analysis of representative works by Palestrina, Victoria, Byrd, etc. Eighteenth century counterpoint and its basis in major/minor harmony, with analysis of selected inventions and fugues by J.S. Bach. Writing of a short four-voice fugue.
Prerequisite: Music 382.
- 482 Music Theory IV (3)**
A study of representative examples of music from the principal 20th-century composers, and an introduction to methods of analysis of these compositions. Music by Debussy, Stravinsky, Bartok, Schoenberg, Webern, and Berg,

MUSIC

plus more recent compositions. The theoretical basis of 12-tone (serial) music. Analytic skills for other types of 20th-century music.

Prerequisites: Music 481.

- 499 Bachelor's Essay (6)**
A year-long research and writing project done during the senior year under the close supervision of a tutor from the department. Students must take the initiative in seeking a tutor to help in both the design and supervision of their project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

PRACTICE AND PERFORMANCE OF MUSIC

- 121 Class Piano I (1)**
Class instruction for beginning piano students with an emphasis on note reading and use of functional (chordal) harmony. Limited enrollment by audition.
- 122 Class Piano II (1)**
Continuation of Music 121.
Prerequisite: Music 121 or permission of the instructor.
- 123 Class Voice (1)**
The study of the voice for those with little or no previous vocal or musical training. Instruction dealing with interpretation, and vocal technique in English and foreign languages.
- 161 Concert Choir (1, repeatable up to 8 credits)**
The study and performance of choral music, both sacred and secular, from the Renaissance to the 20th century. Laboratory, three hours per week.
Prerequisite: Permission of the instructor.
- 162 Concert Band (1, repeatable up to 8 credits)**
The study and performance of original band music and orchestral transcriptions for band from the Baroque to the 20th century. Laboratory, three hours per week.
Prerequisite: Permission of the instructor.

261 Applied Music (1, repeatable up to 8 credits)

Individual or class lessons in voice or instrumental music for freshmen and sophomores. Private lessons, half-hour per week plus a weekly seminar. The fee for this course is \$100 per term in addition to regular tuition charges.

Prerequisite: An audition is held at the beginning of each term.

Individual areas of instruction in Music 261 and 461:

A. Voice	G. Trumpet	M. Percussion
B. Private piano	H. French Horn	N. Organ
C. Flute	I. Trombone	O. String Bass
D. Oboe	J. Violin	P. Recorder
E. Clarinet	K. Viola	Q. Studio
F. Bassoon	L. Cello	R. Classical Guitar

363 Ensemble (1, repeatable up to 6 credits)

The study and performance of chamber ensemble literature written for various combinations of voices and/or instruments. Laboratory, three hours per week.

Prerequisite: Permission of the instructor.

NOTE: No more than eight credits from any combination of Ensemble, Concert Band, or Chorus may be applied toward graduation requirements.

Areas of instruction in Music 363 are:

A. Madrigal Singers	D. Woodwinds	H. Percussion
B. Chamber Music	F. College/Community Orchestra	J. Jazz Ensemble
C. Fine Arts Singers	G. String Ensemble	K. Orchestra
		L. Early Music
		M. Guitar Ensemble
		N. Pep Band

370 Conducting (2, 2)

The study of fundamental principles of conducting, both choral and instrumental, including basic beat patterns, hand and baton technique, interpretation, score reading, and rehearsal techniques. Lectures, two hours per week.

Prerequisite: Music 246; Music 370 is prerequisite for Music 371.

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- 372 Instrumental Techniques (2, 2)**
373 An introduction to brass, woodwind, string, and percussion instruments. An exploration of tone production and performance characteristics with emphasis on techniques of orchestration and pedagogical methodology. It is recommended that students enroll for both semesters during the same academic year.
Lectures, two hours per week.
Prerequisite: Music 246 or permission of the instructor.
- 461 Applied Music (2, repeatable up to 8 credits)**
Individual lessons, one hour per week for juniors and seniors, plus a weekly seminar. The fee for this course is \$200 per term in addition to regular tuition charges.
Prerequisite: A junior-standing jury (normally taken at the end of the fourth term in Music 261).
At the recommendation of the music faculty, students may repeat Music 261 up to a limit of eight credits in lieu of Music 461.
- 475 Senior Independent Study in Music Performance (3 or 6)**
Students who have taken an appropriate sequence of preparatory courses in one area or problem of music performance determine a project in consultation with a department member qualified to guide and judge the work.
Prerequisite: Students must be juniors or seniors, with overall GPAs of at least 2.75 and music GPAs of at least 3.3, and must have permission of the department. For the student planning a recital, a preliminary jury must be passed. This jury can be arranged any time during the semester prior to the recital.

THEATRE

Allen W. Lyndrup, Chair

Professors

Arthur W. McDonald (History and Literature)

Allen Lyndrup (Directing)

Associate Professor

John Olbrych (Scenic and Lighting Design)

Assistant Professors

Mary Holloway (Costume Design), Garey Hyatt (Theatre Management, Afro-American Theatre), Alex Starr (Performance)

MAJOR IN THEATRE

Bachelor of Arts in Theatre

A. Core Curriculum (21 hours)

Theatre 176	Introduction to Theatre (3)
Theatre 209	Stagecraft I (3)
Theatre 210	History of the Theatre (3)
Theatre 240	Introduction to Costuming (3)
Theatre 277	Acting I (3)
Theatre 382	Stage Lighting (3)
Theatre 394	Literature of the Theatre (3)

B. Each major will work with an advisor from the theatre faculty in selecting 21 additional hours to form a concentration within the theatre major. Possible concentrations: Performance (acting/directing); Dramaturgy (theatre history/dramatic literature); and Scenography (scenic lighting/costume design) as follows:

1) Performance

THTR 180	Theatre Make-up (3)
THTR 360	Voice for the Actor (3)
THTR 375	Movement for the Actor (3)
THTR 376	Acting II (3)
THTR 377	Acting III (3)
THTR 378	Directing (3)
THTR 3xx-4xx	Elective (3)

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2) Scenography I

ART 102	Introduction to Art: Renaissance to Modern (3)
ART 119	Drawing I (3)
THTR 180	Theatre Make-up (3)
THTR 220	Practicum (1, 1, 1)
THTR 340	Costume Design (3)
THTR 440	Costume Design Research (3)
THTR 3xx-4xx	Elective (3)

3) Scenography II

ART 102	Introduction to Art: Renaissance to Modern
ART 119	Drawing I (3)
THTR 220	Practicum (1, 1, 1)
THTR 280	Scene Painting (3)
THTR 381	Stagecraft II (3)
THTR 383	Scenic Design (3)
THTR 3xx-4xx	Elective (3)

4) Dramaturgy

THTR 214	Modern American and European Drama
THTR 220	Practicum (1, 1, 1)
THTR 387	Contemporary Theatre (3)
THTR 388	Dramatic Theory and Criticism (3)
THTR 3xx-4xx	Elective (3)

C. The major must include at least 15 hours at the 300 level or above

Minor in Theatre (18 hours):

A. Theatre 176 Introduction to Theatre
Theatre 210 History of Theatre

B. Six additional hours selected from the theatre core curriculum

C. Six hours of electives

THEATRE COURSES

- 176 **Introduction to Theatre (3)**
Introduction to the history, literature, principles, and techniques of the theatre.
- 180 **Theatre Make-Up (3)**
Instruction in the principles of the art and techniques of make-up so that the actor may use them creatively in the design and execution of make-up which will assist in the development and projection of the character.
- 185 **Dance I (3)**
Introduction to the technique of ballet, jazz, and modern dance. Basic anatomy and physiology, principles of balance, proper body mechanics, and alignment.
- 186 **Dance II (3)**
Continuation of Dance I.
Prerequisite: Theatre 185 or permission of the instructor.
- 209 **Stagecraft I (3)**
An introduction to basic principles and practices of stagecraft. The course will emphasize scenic construction, fly systems, backstage organization and drafting techniques. Lecture and laboratory.
Prerequisite: Theatre 176 or permission of the instructor
- 210 **History of the Theatre (3)**
A study of the development of the theatre, including a survey of actors, actresses, theatre architecture, and production arrangements.
- 212 **History of the American Theatre (3)**
The American theatre from the colonial period to the present. The course will survey those theatrical elements that are uniquely American and will include a discussion of the historical and intellectual context of the theatre experience in the United States.
- 214 **Modern American and European Drama (3)**
Plays will be studied with an emphasis on the production

THEATRE

requirements of the texts. The plays will be read in the context of the original production as well as significant revival stagings of them. There will be an introduction to the primary study of post-1880 drama and theatrical performance.

220 Theatre Practicum (1)

Supervised participation in theatre production. No formal class meetings. May be repeated for credit up to six credits, but no more than three credits may be applied toward graduation. Registration held at time of Center Stage semester auditions.

Prerequisite: Permission of the instructor.

240 Costume: Introductory Studies (3)

Practical and theoretical projects will emphasize special problems related to the design, history, and construction of garments for the stage. Projects will include basic construction techniques, research into historical styles, and a synthesis of these into design projects. Lecture and laboratory.

Prerequisite: Theatre 176.

277 Acting I: A Basic Approach (3)

An introduction to the art and craft of acting. The course encourages self-exploration of the voice, body and imagination to develop expressiveness and the ability to play simple performance actions.

Prerequisite: Theatre 176.

280 Scene Painting (3)

A studio class in painting techniques for theatre. The student will investigate the techniques and methods the scenic artist uses in creating the illusions of traditional scenography.

Prerequisite: Theatre 209.

321 Children's Theatre (3)

This course has two primary components. The first is a survey of children's theatre, including its history and philosophy as well as the literature of the genre. The second is a practical study of how the younger audience affects the production aspects of playwriting, acting, directing and design of the children's play.

- 340 Costume Design (3)**
An advanced course emphasizing the design and execution of both theoretical and practical costume projects. Included will be a survey of a history of period costumes and manners with a focus on the elements of design.
Prerequisites: Theatre 240.
- 350 Selected Topics in Communication Production (3)**
Special studies in film, radio, and television production with topics to be announced when offered. May be repeated for credit with different topics.
- 360 Voice for the Actor (3)**
A study and practice of vocal techniques to develop alignment, breathing, resonance and articulation appropriate to stage performance.
Prerequisite: Theatre 277.
- 375 Movement for the Actor (3)**
A study of movement techniques focusing on physical exercises that explore basic concepts of space, time, energy and characterization. Actors will develop a personal awareness via centered and off-centered explorations of body commitment to physical action.
Prerequisite: Theatre 277.
- 376 Acting II: Characterization (3)**
An intermediate course in the study of acting with particular emphasis on approaches to characterization. Work will include vocal and physical exercises, improvisations, and scene study presentations.
Prerequisite: Theatre 277.
- 377 Acting III: Style (3)**
Research and performance of scenes from period plays, using skills developed in the preceding courses. The work will draw from a wide variety of period plays in order to develop an understanding and awareness of acting in different theatrical styles.
Prerequisite: Theatre 376.

THEATRE

- 378 Principles of Directing for the Theatre (3)**
Basic concepts of the directing process, including script analysis, staging practices, director/designer communications, and rehearsal techniques. The semester will culminate in a program of student-directed scenes.
Prerequisite: Theatre 209, 210, 240, and 277.
- 380 Seminar in Electronic Music and Sound (3)**
Instruction in basic sound manipulation using a variety of electronic equipment. The student will gain practical experience in editing, mixing, and recording.
Prerequisite: Music 352, Theatre 209, or permission of the instructor.
- 381 Stagecraft II (3)**
An examination of advanced stage mechanics, scenic construction, and drafting techniques. Lectures and laboratories.
Prerequisite: Theatre 209.
- 382 Stage Lighting (3)**
An intensive study of the technical and design elements of stage lighting. The class surveys equipment and techniques with practical exercises oriented around the theatrical productions scheduled that semester. Lecture and laboratory.
Prerequisite: Theatre 209.
- 383 Scenic Design (3)**
An exploration of the principles of scenic design with emphasis given to drawing, painting, drafting and model making. Lecture and laboratory.
Prerequisite: Theatre 209.
- 385 Dance from Primitive Times to 20th Century (3)**
Historical development of dance, including discussion of significant dancers, choreographers, ballet works or compositions, and companies. Overview of accompanying developments in music/opera, theatre, and fine arts in each period. Includes movement practicum and introduction to early dance forms.

- 386 **20th Century Dance (3)**
Development of ballet and other dance forms from 1900, including dance in the American musical theatre. Dance practicum and experience in elementary choreography.
- 387 **The Contemporary Theatre (3)**
An in-depth study of the major movements of the modern European and American theatre, including naturalism, absurdity, the epic theatre, and symbolism. The course will focus on the works of Chekov, Ibsen, Strindberg, Brecht, Pirandello, Beckett, Sartre, Shaw, O'Casey, O'Neill, Miller, and contemporary dramatists.
- 388 **Dramatic Theory and Criticism (3)**
A study of theories of drama ranging from classical Greece to the modern theatre. The course will examine meanings of the elements of drama (plot, character, thought, diction, music, and spectacle). Writers to be studied will include: Aristotle, Horace, Castelvetro, Sidney, Boileau, Dryden, Goldoni, Diderot, Neitzsche, Eliot, and Artaud.
- 389 **Playwriting (3)**
A study of play writing, including analysis and critique of scripts. Each student will complete a series of exercises and write a one-act play.
Prerequisite: Theatre 176 and/or permission of the instructor.
- 394 **Literature of the Theatre (3)**
A survey of world drama from the Greeks to the 20th century.
- 399 **Tutorial (3, repeatable up to 12)**
Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).
Prerequisites: Junior standing, plus permission of the tutor and the department chair.
- 440 **Costume Design Research (3)**
An examination of costume design with an emphasis on research, design preparation, articulation of concept, scenographic analysis and advanced rendering techniques.
Prerequisite: Theatre 340.

THEATRE

- 450 Internship in Theatre (3)**
Designed to provide the advanced student with the opportunity to pursue a research topic in the context of an experiential learning situation. Open to juniors and seniors only.
- 489 Seminar: Selected Topics in Theatre (3)**
Concentrated investigation of specific problems in theatre, as announced when offered. May be repeated for credit with different research topics.
Prerequisite: Permission of the instructor.
- 490 Independent Study in Theatre (3)**
The student who has taken an appropriate sequence of preparatory courses in one area or problem of theatre determines a project in consultation with a department member qualified to guide and judge the work.
Prerequisite: Open to juniors and seniors with overall GPAs of at least 2.75 and theatre GPAs of at least 3.3, with the permission of the department.
- 499 Bachelor's Essay (6)**
A year-long research and writing project done during the senior year under the close supervision of a tutor from the department. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

Major in Fine Arts (Interdisciplinary Studies in Art, Music and Theatre):

The major requirement totals 36 hours in a combination of art, music, and theatre with a minimum of 15 hours at or above the 300 level. An interdisciplinary sequence will be selected in consultation with an advisor assigned by the Dean of the School.

Minor in Art, Music and Theatre:

The minor consists of 18 hours in art, music, and theatre. There are two options available:

- 1) Any two history and/or theory courses from a particular major (art, music, theatre) with four other arts courses of the student's choice;
- 2) An interdisciplinary selection of two introductory level courses and four other arts courses of the student's choice. Students interested in declaring an art, music and theatre minor should speak with the department chair, who will, upon completion of a student's requirements, forward the information to the registrar for entry on the permanent record of the student.

SCHOOL OF BUSINESS AND ECONOMICS

SCHOOL OF BUSINESS AND ECONOMICS

803-792-5627

DEAN

Howard F. Rudd, Jr.

Associate Dean

B. Mack Tennyson

Department of Accounting and Legal Studies

Rebecca B. Herring, Chair

Professor

Marsha E. Haas

Associate Professors

Talaat A. Elshazly, Rebecca B. Herring, A. James McKee, Jr.

Linda M. Plunkett, B. Mack Tennyson, Gary L. Tidwell

Thomas C. White, III

Assistant Professor

Andrew L. Abrams

Department of Economics and Finance

J. Michael Morgan, Chair

Associate Professors

Betsy Jane Clary, Clarence M. Condon, III, Paul E. Jursa

D. Thomas Livingston, J. Michael Morgan, B. Perry Woodside

Department of Management and Marketing

James F. Snyder, Chair

Professors

Robert L. Anderson, Paul T. Nelson

Howard F. Rudd, Jr., Richard G. Shainwald

Associate Professors

Abdul Aziz, Joseph J. Benich

Lawrence L. McNitt, James F. Snyder

Assistant Professors

Mark F. Hartley, James F. Hawkes

David A. Menachof

Endowed Chair

James F. Snyder, Citizens & Southern National Bank

Teaching Chair

Executives-in-Residence

Andrew W. Ballentine, Gerhard B. Bohn, Alfred E. Duplessis

Eric H. Nielsen, George G. Spaulding, Michael Witunski

Entrepreneur-in-Residence

Tommy B. Baker

The business programs offered by the School of Business and Economics are accredited by the American Assembly of Collegiate Schools of Business (AACSB).

The goals and objectives of the School of Business and Economics are:

- 1) To attract, develop, retain, honor, and graduate high-quality students while providing a greater range of educational and placement opportunities;
- 2) To maintain undergraduate accreditation and move toward meeting graduate accreditation standards of the American Assembly of Collegiate Schools of Business;
- 3) To attract, maintain, and retain a quality faculty that is responsive to the needs of our students, the College, the environment, and professional standards including those of the AACSB; and
- 4) To enhance the relationship between the school and the business community in order to continue to provide opportunities for faculty research and service.

The School of Business and Economics offers majors in business administration, accounting or economics and minors in intermodal transportation or economics. All students who apply for their major will be assigned a faculty advisor who will help the student in planning an academic course of study.

NOTE I: Accounting 203, 204, Business Administration 205, 232, Economics 201, 202, and Mathematics 105, and 231 are prerequisites for many upper-level (300 and above) business courses. Junior standing (60 semester hours credit) is required for all upper-level business and economics courses. Upper-level courses will not transfer from a two-year college.

NOTE II: All 300 and 400 Business, Accounting and Economics courses assume the student is computer literate. This means the student understands the basics of DOS, spreadsheets and word processing.

BUSINESS ADMINISTRATION

BUSINESS ADMINISTRATION

Within the business administration major it is possible for students to concentrate their studies in one area; however, this is not a minor. Many students may choose, for example, to select several marketing courses as electives to prepare for a career in marketing. Other areas of focus are decision sciences, finance, intermodal transportation, law, management, and marketing. In addition, the school has several offerings in international business and economics which are strong complements to international programs in other disciplines. Recommended courses for each area are available from faculty advisors.

Several business courses at the 100 level are provided for students who are considering a major in business administration and for non-majors. Introduction to Business (BADM 105) introduces the major topics of business administration. Personal Finance (BADM 120) gives students practical investment and budgeting guidance in handling personal finances. Personal and Consumer Law (BADM 106) looks at the rights of citizens and consumers.

Major Requirements: The business administration major requires 51 hours consisting of 13 required "core" courses and 12 hours of electives to be selected by the student from 300- or 400-level business or economics courses.

The core courses give all business majors exposure to the principal areas of business and the relationships between these areas. The core courses are: Principles of Macroeconomics (ECON 201), Principles of Microeconomics (ECON 202), Accounting Concepts I and II (ACCT 203 and 204), Legal Environment of Business (BADM 205), Management Information Systems (BADM 300), Management and Organizational Behavior (BADM 301), Marketing Concepts (BADM 302), Business Finance (BADM 303), Applied Statistics I (MATH 231), Business Statistics II (BADM 232), Production and Operations Management (BADM 304), and Business Policy (BADM 408).

The four elective courses give students the chance to gain specialized knowledge in their particular areas of interest. Two of these four electives may be taken in economics and at least two must be business courses. At least two of four courses must be regular upper level business courses and not independent study, special topics or travel/study courses.

Intermodal Transportation Minor or Concentration: These require the following six courses (18 hours) to be taken in sequence: Intermodal Transportation (BADM 311), Intermodal Logistics (BADM 312), Economics of Transportation and Geography (ECON 303), International Business (BADM 322), Issues in Intermodalsim (BADM 431), and Intermodal Systems Management (BADM 432). Prerequisites are junior standing, Economics 201 and 202. Intermodal students must take the intermodal non-credit courses and become members of the Student Port. Application must be made for the program. See the intermodal transportation program director.

BUSINESS ADMINISTRATION COURSES

- 105 Introduction to Business (3)**
A course for all students of the College who are interested in a survey of the activities that occur in a business institution. The various types and forms of business organizations will be presented and analyzed. Special emphasis will be given to the role of the business enterprise in society. Any business administration or economics major who has completed or is concurrently enrolled in a 300- or 400-level business administration or economics course may not receive credit for this course. Credit hours for this course may not be applied toward either the major requirements in business or GPA in business and economics.
- 106 Personal and Consumer Law (3)**
Exposes students to their obligations and rights as both citizens and consumers. Topics to be covered include: the Constitution, the court system, the law covering students, employees, insured, homeowners. Credit hours for this course may not be applied toward either the major requirements in business or GPA in business and economics. Students who have completed Business Administration 205 or 306 may not receive credit for this course.
- 120 Personal Finance (3)**
An investment course analyzing the characteristics and relative importance of common and preferred stocks, mutual funds, municipal and corporate bonds, Treasury obligations, U. S. Government agency issues, and real estate. Special topics including portfolio management, insurance,

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and interest rates will also be covered. Credit hours for this course may not be applied toward either major requirements in business or GPA in business and economics.

- 205 Legal Environment of Business (3)**
This course is designed to emphasize the legal environment of business and the pluralistic nature of the economy of the United States. The principal federal and state regulations as well as common law relationships applicable to businesses are presented to provide the student with an understanding of the limitations and consequences of business decisions, as well as the social and ethical responsibilities implicit in decision making. Topics to be covered include: introduction to law and legal system; white collar crimes and torts; ethics and social responsibility; negligence and product liability; administrative law; law of agency, partnership, corporations, and securities; ownership of real and personal property; bailments; overview of real and personal property; and overview of antitrust.
Prerequisite: Sophomore standing.
- 231 Applied Statistics (3) (Same as Mathematics 231)**
Statistical methods with applications to regression, correlation, analysis of variance, and associated models.
Prerequisite: Mathematics 105 or 120.
- 232 Business Statistics II (3)**
Advanced statistical analysis with applications in business and economics utilizing relevant computer software. Topics include business applications in descriptive and inferential statistics emphasizing selected topics such as simple and multiple regression, analysis of variance, time series analysis, and non-parametric techniques.
Prerequisites: Mathematics 105 and 231.
- 260 Special Topics in Business Administration (1-3)**
An in-depth treatment of a current area of special concern within the field of business administration.

JUNIOR STANDING IS A PREREQUISITE FOR ALL BADM 300- AND 400-LEVEL COURSES.

- 300 Management Information Systems (3)**
Survey of transaction processing systems, management information systems and decision support systems. Introduction of systems analysis concepts and methodologies for information system design and development. System development projects will be required.
Prerequisites: Junior standing; Accounting 203, 204, and Business Administration 232; and Mathematics 105 and 231.
- 301 Management and Organizational Behavior (3)**
This course approaches management as that process of reaching organizational goals by working with and through people and other resources. Organizations are treated as dynamic entities affected by individual and group behavior as well as structural and environmental factors. International as well as domestic situations are examined.
Prerequisites: Junior standing.
- 302 Marketing Concepts (3)**
This course develops an appreciation for the complexities of establishing and implementing marketing strategies. Areas of study include consumer behavior, product/service mixes, branding and packaging, channels of distribution, pricing, advertising, and salesmanship.
Prerequisites: Junior standing, Economics 201 and 202. (Mathematics 105 suggested.)
- 303 Business Finance (3)**
This course presents the fundamental concepts of corporate finance. Special attention will be given to the financial administrator's role in the area of working capital, capital budgeting and financing decisions, including international investment and financial considerations.
Prerequisites: Junior standing; Accounting 203 and 204; Economics 201 and 202; Mathematics 105 and 231. (Business Administration 232 suggested.)
- 304 Production & Operations Management (3)**
The planning and control of production and service operations with emphasis on demand forecasting, design of production systems, aggregate planning, inventory management, and quality assurance. Additional topics will in-

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clude just-in-time production, cellular manufacturing, flexible manufacturing systems, robotics, computer-aided design and manufacturing, and quality circles. Students will use appropriate computer software to gain experience with several decision techniques.

Prerequisites: Junior standing; Business Administration 232, 301; and Mathematics 105, 231.

- 306 Law For Business Managers (3)**
A course designed to cover the legal issues encountered by business managers. This course will include a thorough examination of fair employment practices (Title VII); affirmative action; OSHA; Workmen's Compensation; unemployment compensation insurance; choice of legal form, i.e., sole proprietorship, partnership or corporation; product liability; negligence; and legal aspects of hiring and firing of employees.
Prerequisites: Junior standing; Business Administration 205 or permission of the instructor.
- 307 Personnel Management (3)**
A review of personnel policy, manpower planning, staffing, training and development, compensation administration, and union-management relations.
Prerequisite: Junior standing; Business Administration 301.
- 310 Seminar in Finance (3)**
Case analysis in financial problems of the firm emphasizing: analysis of the demand for funds, external and internal sources of funds and their cost to the firm, problems of the multinational firm, and other techniques of financial management, such as capital budgeting, cash budgeting, and optimal capital structure.
Prerequisites: Junior standing; Accounting 203, 204; Business Administration 303; Economics 201, 202; and Mathematics 105, 231.
- 311 Intermodal Transportation (3)**
This is an in-depth treatment of trends and contemporary management problems peculiar to transport agencies including rail, highway, air, water, and pipeline. The course will also examine comparative evaluations of cost behavior

and pricing among different transportation modes.

Prerequisites: Junior standing; Economics 201 and 202.

312 Intermodal Logistics (3)

An introduction to logistics management that is concerned with the coordination of physical flow through the firm from raw materials to the delivery of finished goods to the user or consumer. Special emphasis will be placed on the impact of intermodal transportation on logistics systems.

Prerequisites: Junior standing; Economics 201 and 202.

313 Management of Financial Institutions (3)

The theory and practice of bank management is developed. The fundamental principles underlying the management of bank assets are emphasized. Attention is devoted to the allocation of funds among various classes of investments and banking operating costs and to changing bank practices.

Prerequisites: Junior standing; Accounting 203, 204, Business Administration 303; Economics 201, 202; and Mathematics 105, 231.

315 Microcomputers in Finance (3)

This course provides students interested in the study of financial management with a chance to apply the concepts of financial management to business problems. Microcomputers are used as a tool in solving problems in areas such as financial analysis, cash management, financial forecasting and planning, cash budgeting, and capital structure decisions. Software utilized will include a standard spreadsheet package and a financial decision-making package.

Prerequisites: Junior standing; Accounting 203, 204; Business Administration 303; Economics 201, 202; and Mathematics 105, 231.

319 The Creation of New Business Enterprises (3)

This course provides students with an understanding of the business planning techniques—economic analysis, financial analysis, market analysis, accounting practices, and human resource analysis—which are utilized in conceiving and launching a new business. A new venture simulation, which includes self-assessment exercises and a discussion

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of research concerning successful entrepreneurial characteristics, is completed by all students.

Prerequisite: Junior standing.

320 Marketing Research (3)

A course that establishes the relationship between models, information systems and marketing decisions. The practical application of behavioral and statistical methods for the purpose of obtaining and analyzing relevant marketing information will also be examined.

Prerequisites: Junior standing; Economics 201, 202; Mathematics 105 and 231; Business Administration 232 and 302; or permission of the instructor.

322 International Business (3)

A study of the environment and operations of international business with emphasis on the nature and scope of international business, the framework of international trade transactions, the nation-state and international business, assessing national environments, and managing the multinational enterprise.

Prerequisites: Junior standing; Economics 201 and 202.

NOTE: Students interested in an international business track may want to take International Studies 100 and 200 as general electives. (See the interdisciplinary studies section of this *Bulletin* for course descriptions.)

325 Comparative International Management (3)

This course examines the management systems in various organizations around the world. Traditional management functions and the behavioral dimensions of managing international organizations across various countries of the world are discussed. The socio-economic profile of the countries provides the background for critical analysis of the current management problems.

Prerequisites: Junior standing, Business Administration 301 or permission of the instructor.

326 International Marketing (3)

Marketing on an international scale with stress upon the viewpoint of the marketing manager who must recognize and cope with differences in legal, economic, spatial, and

cultural elements in different nations. Emphasis placed on marketing techniques and methods of expanding participation in foreign markets.

Prerequisites: Junior standing; Business Administration 302, Economics 201 and 202, or permission of the instructor. (Mathematics 105 suggested.)

327 Seminar in International Marketing (3)

This course is an introduction to contemporary marketing philosophies as they relate to the culture and practices in a specific foreign or domestic environment. Emphasis is on current marketing strategies developed by international or domestic firms in that country. Methods of distribution and promotion for product and service mixes will be evaluated. Domestic and/or foreign travel is required.

Prerequisites: Junior standing; Accounting 203, Economics 201 and 202, or permission of the instructor.

328 Retailing Management (3)

This course deals with that part of the distribution process called retailing. Topics include retail environment, location and store design, merchandise planning and control, selecting merchandise resources, pricing, sales promotion and display, and customer service.

Prerequisites: Junior standing; Business Administration 302, Economics 201 and 202.

330 Advertising (3)

The role of advertising in a free economy and its place in the media of mass communications. Areas of study will include advertising appeals, product research, selection of media, testing of advertising effectiveness, and the dynamics of the advertising profession.

Prerequisite: Junior standing.

332 Business Communications (3)

This course develops an understanding of the theory of human communication so that one can apply it in an organizational setting requiring both oral and written expression of properly identified and presented decisions. The course content will include intrapersonal, interpersonal and organizational communication theory; principles of human

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behavior and their application to business communication; and principles involved in the writing of various letters, memos and reports.

Prerequisite: Junior standing.

333

Purchasing and Materials Management (3)

The planning, organization, operation, and evaluation of the procurement function, and the acquisition and management of materials. Emphasis areas include quality and quantity considerations, supplier selection decisions, pricing policies, legal and ethical implications, and standards and measurement of performance.

Prerequisites: Junior standing.

360

Special Topics in Business Administration/Accounting (1-3)

An in-depth treatment of a current area of special concern within the field of business administration. At least two of the four required Business electives must be regular upper level business courses and not independent study, special topics or travel/study courses.

Prerequisite: Junior standing.

375

Principles of Real Estate (3)

A basic course designed to cover the legal, financial, economic, and marketing concepts related to real estate. Topics include property rights (contracts, deeds, mortgages, leases, liens); property ownership (titles, closing of settlement, insurance, taxes); financing (interest rates and mortgage types); brokerage; and property evaluation.

Prerequisites: Junior standing

380

Real Estate Financing and Investing (3)

Theoretic and pragmatic methods of analyzing real estate investments are considered. Real estate investment opportunities are evaluated in the context of personal and business investment objectives. Topics include closing statements, appraisal techniques, tax implications, mortgage options, and the calculation of investment yield, APR, and the effective rate of interest charged.

Prerequisites: Junior standing; Accounting 203, 204, Business Administration 303; Economics 201, 202; and Mathematics 105, 231.

- 385 Principles of Insurance (3)**
Studies the nature and types of risk present in society. The methods of handling risk, basic characteristics, benefits/cost of insurance, and rate setting issues are examined. Several types of insurance including life, health, unemployment, fire, homeowners, automobile, and commercial property are topics of consideration. Government regulations of the industry and contractual clauses are examined as well. Prerequisites: Junior standing
- 390 The New South Carolina: Foreign and Domestic Industrial Development (3)**
An in-depth analysis of the State of South Carolina's changing role as a member of the national and international economic scene. The course offers an opportunity to interact with industrial leaders from government, banking, manufacturing, and service areas. The course includes visits to industrial sites in South Carolina. Offered in Maymester only. Prerequisites: Junior standing; Economics 201 and 202 or permission of the instructor.
- 391 The International Corporation: A Comparative Approach (3)**
An introduction to the various levels of operations in the European headquarters of international firms with extensive investments and/or operations in South Carolina. By means of on-site plant and office visitations, participants will examine managerial styles, cultural environments, decision-making techniques, and systems and will have opportunities to observe and analyze the management philosophies, practices, and outcomes in firms located in the major Western European industrial nations. This is a travel-abroad program offered every other Maymester. Application process through the Chair of the Management and Marketing Department and Office of International Programs. Prerequisites: Junior standing; Economics 201 and 202; or permission of the instructor.
- 399 Tutorial (3, repeatable up to 12)**
Individual instruction given by a tutor in regularly sched-

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uled meetings (usually once a week). At least two of the four required Business electives must be regular upper level business courses and not independent study, special topics or travel/study courses.

Prerequisites: Junior standing; permission of the tutor and the chair.

400 Investment Analysis (3)

Basic investment theory with emphasis given to the analysis of securities, portfolio management, and the operation of the securities market.

Prerequisites: Junior standing; Accounting 203, 204; Business Administration 232, 303; Economics 201, 202; and Mathematics 105, 231.

401 Organizational Behavior and Change (3)

An experiential learning design for studying the impact individuals, groups, and structures have on behavior within the organization for the purpose of applying that knowledge toward improving an organization's effectiveness.

Prerequisites: Senior standing; Business Administration 301.

405 Small Business Management (3)

This course deals with the overall management of small firms. Students will work on cases provided by the instructor. The cases require students to help real businesses solve problems in the accounting, finance, management, and marketing areas.

Prerequisites: Junior standing; Accounting 203, 204, Business Administration 301, 302, 303; Economics 201, 202; and Mathematics 105, 231.

406 Quantitative Methods and Decision Making (3)

Students are introduced to quantitative modeling techniques and to the role quantitative models play in the decision-making process. Emphasis will be placed on the understanding of tools necessary to quantify decision making, with extensive use of computers and computer-assisted solution methods.

Prerequisites: Junior standing; Business Administration

232; Mathematics 105, 231.

408 Business Policy (3)

A course for senior business administration majors that draws together the functional areas of business operations: accounting, finance, marketing, human resources, management, and production, as a means of developing the students' conceptual and decision-making abilities. Case studies will be used extensively.

Prerequisites: Senior standing; Economics 201, 202; Mathematics 105, 231; Accounting 203, 204, Business Administration 232, 301, 302, 303, and 304; Business Administration 205 and 300 are recommended but not required.

420 Independent Study (1-3)

The student will select a reading or research project in consultation with a faculty member, who will guide the work and determine the hours of credit to be allowed. At least two of the four required Business electives must be regular upper level business courses and not independent study, special topics or travel/study courses.

Prerequisite: Junior standing; written agreement with instructor and chair.

425 Marketing Management (3)

A course for senior marketing students that involves them in realistic decision-making environments. The course will include descriptions of actual marketing situations permitting further familiarization with marketing principles and methods as they are employed in various industries.

Prerequisites: Junior standing; Business Administration 302; Economics 201, 202.

431 Issues in Intermodalism (3)

An application course that will provide the transportation student with the opportunity to study and actually use computer-based transportation information and management systems that are currently being used in the transportation industry, e.g. Orion, SHIPS (Shipping Industry Processing Systems), etc.

Prerequisites: Junior standing; Business Administration 300 or Computer Science 101.

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- 432 Intermodal Systems Management (3)**
An in-depth analysis of intermodalism with a focus on the port as a linking point for domestic and international air, maritime, rail, and truck transportation.
Prerequisites: Junior standing; Business Administration 311, 312, 322, 431; Economics 303.
- 499 Bachelor's Essay (6)**
A year-long research and writing project completed during the senior year under the close supervision of a tutor from the school. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the school prior to registration for the course.
Prerequisites: Senior standing.

ACCOUNTING

The Bachelor of Science Degree in Accounting is designed to prepare students for professional careers in accounting, both public and private. More detailed information is available through the School of Business and Economics. In addition to the college general requirements, this major requires:

1. Twelve Business Core Courses (36):
 - Principles of Macroeconomics (ECON 201)
 - Principles of Microeconomics (ECON 202)
 - Accounting Concepts I and II (ACCT 203, 204)
 - Legal Environment of Business (BADM 205)
 - Management Information Systems (BADM 300)
 - Management and Organizational Behavior (BADM 301)
 - Marketing Concepts (BADM 302)
 - Business Finance (BADM 303)
 - Applied Statistics I (MATH 231)
 - Business Statistics II (BADM 232)
 - Production and Operations Management (BADM 403)
 - Business Policy (BADM 408).
2. Seven Accounting courses (21 hours):
 - Cost Accounting (ACCT 308)
 - Intermediate Accounting I (ACCT 316)
 - Intermediate Accounting II (ACCT 317)
 - Federal Taxation I (ACCT 341)
 - Accounting Information Systems (ACCT 407)
 - Auditing Theory ACCT 409
 - One other 300 or 400 level accounting course
3. Two other courses (6 hours):
 - American Government (PSCI 101)
 - Public Speaking (ENGL 104)

ACCOUNTING COURSES

- 203 Accounting Concepts I (3)**
 An introduction to accounting principles applicable to sole proprietorships and partnerships with emphasis on the accounting cycle and the preparation of financial statements.
- 204 Accounting Concepts II (3)**
 A continuation of Business Administration 203. Accounting

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principles applicable to corporations with emphasis on accounting for manufacturing activities and the use of accounting information in management decision making.
Prerequisite: Accounting 203

308 Cost Accounting (3)

Cost concepts and techniques used by manufacturing companies in accumulating cost data for product costing purposes with emphasis on job-order and process cost systems, standard cost systems, and the problem of cost allocation.
Prerequisites: Junior standing; Accounting 203 and 204.

309 Managerial Accounting (3)

Use of cost data in management planning, performance evaluation, and decision making. The behavioral dimension of management accounting and the use of quantitative techniques will also be covered.
Prerequisites: Junior standing; Accounting 203, 204 and 308

316 Intermediate Accounting I (3)

Accounting principles for income, investments, asset valuation, financial statement presentation as related to current assets, current liabilities, and non-current assets.
Prerequisites: Junior standing; Accounting 203 and 204.

317 Intermediate Accounting II (3)

Income measurement, valuation, statement presentation, and terminology problems as related to liabilities and stockholders equity, changes in capital, pensions, leases, income taxes, accounting changes and error analysis, cash versus accrual, incomplete data problems, and related contemporary financial accounting issues.
Prerequisites: Junior standing; Accounting 203, 204, and 316.

335 Governmental and Institutional Accounting (3)

Fundamental accounting principles applicable to federal, state, and municipal governmental units and other non-profit organizations such as hospitals, colleges and universities, and voluntary health and welfare organizations.
Prerequisites: Junior standing; Accounting 203 and 204.

- 341 Federal Taxation I (3)**
A study of federal income taxation as applied to individuals and sole proprietorships.
Prerequisites: Junior standing; Accounting 203 and 204.
- 342 Federal Taxation II (3)**
A study of federal taxation as applied to partnerships, corporations, trusts, and exploration of federal gift and estate taxes.
Prerequisites: Junior standing; Accounting 203, 204, and 341 or permission of the instructor.
- 360 Special Topics in Business Administration/Accounting (1-3)**
An in-depth treatment of a current area of special concern within the field of business administration. At least two of the four required Business electives must be regular upper level business courses and not independent study, special topics or travel/study courses.
Prerequisite: Junior standing.
- 407 Accounting Information Systems (3)**
This course covers the concepts and techniques of accounting information systems which are required by individuals working in accounting positions. The focus is on manual and EDP accounting information systems design, development, implementation, use and auditing.
Co-requisites: Senior standing; Accounting 316; or permission of the instructor
- 409 Auditing Theory (3)**
Role of independent auditors, their legal responsibilities, professional ethics, auditing standards, internal control, statistical sampling, and basic auditing techniques. Also limited consideration of the role of the internal auditor.
Prerequisites: Senior standing; Accounting 203, 204, 316, and 317 or permission of the instructor.
- 429 Commercial Law (3)**
A course designed to cover legal aspects of business including contracts, Articles 2, 3, 4, 6, and 9 of the UCC (sales, law of negotiable instruments, bulk sales, and secured transactions), and bankruptcy. Primarily intended for students

ACCOUNTING

interested in pre-law, banking, retail sales, and CPA candidates.

Prerequisites: Senior standing, Business Administration 205 or permission of the instructor.

430 Advanced Accounting (3)

Accounting theory applicable to partnerships, branches, business combinations, and other special topics in financial accounting and reporting.

Prerequisites: Junior standing; Accounting 203, 204, 316, and 317 or permission of the instructor.

440 Accounting Theory (3)

An intensive examination of the theoretical framework of accounting, with emphasis on the principles and concepts underlying current accounting thought. Contemporary accounting issues will also be examined and evaluated.

Prerequisites and corequisites: Junior standing; Accounting 203, 204, 316; Accounting 317 (corequisite).

ECONOMICS

Economics is the study of how society produces, exchanges and consumes goods and services. Economics examines public policies designed to achieve such national objectives as full employment, price stability, and economic growth. Finally, economics analyzes the behavior of businesses, industries, and households in maximizing their well-being.

The economics major is structured to provide students with a basic core of courses while, at the same time, enabling students to select their electives from among a wide variety of courses adapted to their individual needs and interests.

The economics program fulfills three primary objectives by giving students a broad exposure to concepts, theories, analytical techniques, and applications. First, the curriculum content should stimulate interest in social, political, and economic issues since many of the major problems and challenges facing this nation and the rest of the world today are either partially or wholly economic in nature. Second, the program teaches analytical methods and concepts that are important in preparing students for administrative positions in business and government. Finally, majors receive a solid foundation for graduate study in economics.

Economics courses can be taken to fulfill the College's Minimum Degree Requirements in social science. Furthermore, two economics courses at the 300 level or above can be used to meet the major requirements for a degree in business administration. Finally, urban studies majors are required to take Urban Economics (Economics 307), and may elect to enroll in selected economics courses to meet the urban studies elective requirements.

Major Requirements: The major in economics requires 36 semester hours (12 courses). All economics majors must successfully complete Economics 201, 202, 305, 308, 310, 317, 318, and 400, and Business Administration 232, plus three elective courses to be chosen from economics and business administration courses at the 300 level and above. At least one of these electives must be an economics course.

NOTE: Economics 201 and 202, Mathematics 105 or 120, and junior standing are prerequisites for all 300- and 400-level economics courses. Prior to enrolling in ECON 400, students must successfully pass an entrance examination administered by the Economics faculty at the College. The sequence in Honors Economics satisfies the ECON 201 and 202 requirement.

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Minor Requirements: The minor in economics requires 18 semester hours (six courses), including Economics 201 and 202. The remaining 12 hours are to be selected from the economics offerings (300 and above) and Business Administration 232.

ECONOMICS COURSES

- 101 Introduction to Economics**
principles applicable to corporations with emphasis on A survey of economics and economic issues. Designed for non-business and non-economics majors. No student who has received credit for Economics 201 or Economics 202 will receive credit for this course.
- 201 Principles of Macroeconomics (3)**
The foundation of aggregate economic analysis is presented, including identification of basic social goals, money and credit systems, and theories of national income, employment and economic growth and international interdependence.
- 202 Principles of Microeconomics (3)**
The problems of the market are presented, including product and factor pricing, allocation of resources and distribution of income, market equilibrium analysis, and analysis of domestic and international problems and policies. A prerequisite for courses at the 300 level and higher.
Prerequisite: Economics 201.
- NOTE: JUNIOR STANDING IS A PREREQUISITE FOR ALL 300 AND 400 LEVEL ECONOMICS COURSES.**
- 303 Economics of Transportation and Geography (3)**
This is a combination of two traditional course offerings intended to provide the economic theory, conceptual foundations and practical understanding of economics as applied to both transportation and geography.
Prerequisites: Junior standing; Economics 201 and 202.
- 304 Labor Economics (3)**
This course examines the workings and outcomes of the market for labor. It is primarily concerned with the behavior

of employers and employees in response to the general incentives of wages, prices, profits, and non-pecuniary aspects of the employment relationship. Topics include the supply and demand for labor, investments in human capital, unions and collective bargaining, and governmental policies affecting labor.

Prerequisites: Junior standing; Economics 201, 202; Mathematics 105 or 120.

305

Money and Financial Institutions (3)

The nature and role of money, the development and operation of the commercial banking system, the structure and functions of the Federal Reserve System, and the impact of monetary changes on business decisions and economic activity.

Prerequisites: Junior standing; Economics 201, 202; Mathematics 105 or 120.

306

Monetary Policy and Theory (3)

A detailed discussion of Federal Reserve policy tools, controversies in monetary policy, proposed reforms, and a comprehensive overview of monetary theory.

Prerequisites: Junior standing; Economics 201, 202, 305; Mathematics 105 or 120.

307

Urban Economics (3)

An examination of the economics of spatial organization focusing on the location of economic activity and the growth of cities and regions. This course will provide a theoretical and empirical basis for analyzing contemporary urban issues.

Prerequisites: Junior standing; Economics 201, 202; Mathematics 105 or 120.

308

Evolution of Economic Doctrines (3)

A study of the principle contributions to economic theory and method and the relationship of these contributions to their time and to each other.

Prerequisites: Junior standing; Economics 201, 202; Mathematics 105 or 120.

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- 310 International Economics (3)**
An approach to the problems of international economic interdependence with special attention given to trade, protectionism, trade policy for developing countries, international investment, the balance of payments, foreign exchange, exchange rate systems, and international economic policy.
Prerequisites: Junior standing; Economics 201, 202; Mathematics 105 or 120.
- 317 Microeconomic Analysis (3)**
A study of the analytical techniques used in investigating the determination of product and factor prices under different market structures to include analysis of indifference, production theory, and utility concepts.
Prerequisites: Junior standing; Economics 201, 202; Mathematics 105 or 120.
- 318 Macroeconomic Analysis (3)**
A study of Classical, Keynesian, and Post-Keynesian economics involving the issues of consumption, monetary and fiscal policy, growth, interest, and liquidity.
Prerequisites: Junior standing; Economics 201, 202; Mathematics 105 or 120.
- 319 Introduction to Econometrics and Mathematical Economics (3)**
An introductory survey of the use of statistical and mathematical methods in economic analysis.
Prerequisites: Junior standing; Business Administration 232; Economics 201, 202; 317, Mathematics 231, and 105 or 120.
- 320 Managerial Economics (3)**
The application of economic principles relating to cost, revenue, profit, and competition that aid business decision-making and policy formulation.
Prerequisites: Junior standing; Economics 201, 202; Mathematics 231 and 105 or 120; Business Administration 232.
- 325 Economics for Development (3)**
An analysis of international poverty and inequality, dualis-

tic development, the employment problem, mobilization of domestic resources, mobilization of foreign resources, human-resource development, agricultural strategy, industrialization strategy, trade strategy, development planning, and policy making.

Prerequisites: Junior standing; Economics 201, 202; Mathematics 105 or 120.

330 Comparative Economic Systems (3)

An analysis and appraisal of the theories and practices underlying economic systems. Consideration given to capitalistic, socialistic, and communistic economies.

Prerequisites: Junior standing; Economics 201, 202; Mathematics 105 or 120.

350 Financial Markets in the U.S. Economy (3)

An introduction to the operation of financial markets in the U.S. economy, emphasizing market instruments and the use of these instruments by various financial institutions and market participants. The final week of the course is spent attending seminars at various money-center financial institutions and markets.

Prerequisites: Economics 201-202; Economics 305 is recommended. Permission of instructor is required.

360 Special Topics in Economics (3)

An in-depth treatment of a current area of special concern within the field of economics.

Prerequisites: Junior standing; Economics 201, 202; Mathematics 105 or 120.

399 Tutorial (3, repeatable up to 12)

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).

Prerequisite: Junior standing, plus permission of the tutor and the chair.

400 Senior Seminar in Economics (3)

A seminar on particular problems or questions in economic policy. Topics will vary.

Prerequisites: Senior standing and the successful completion of an entrance examination administered by the Eco-

ECONOMICS

nomics faculty. Economics 305, 317, 318; Business Administration 232; or permission of instructor. Designed to be a capstone course, this seminar is required of all economics majors. The tools of economic analysis developed in the prerequisite courses will be used to analyze particular economic problems.

404 Independent Study (1-3)

The student will select a reading or research project in consultation with a faculty member, who will guide the work and determine the hours of credit to be allowed.

Prerequisite: Junior standing; written agreement of the instructor and permission of the chair.

499 Bachelor's Essay (6)

A year-long research and writing project completed during the senior year under the close supervision of a tutor from the school. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

Prerequisites: Senior standing.



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DEAN

Pamela C. Tisdale

**Paula S. Fordham, Assistant Dean,
Professional Development in Education
Mary Anne Christenberry, Coordinator,
Certification and Student Teaching**

Department of Educational Foundations and Specializations

Robert E. Fowler, Chair

Department of Elementary and Early Childhood Education

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Department of Physical Education and Health

Andrew H. Lewis, Chair

Early Childhood Development Center

**Margaret Humphrey, Director,
Maria Long, Gray Rahn, Jenny Rose, Ann Whittemore**

The School of Education includes three academic departments: the Department of Educational Foundations and Specializations; the Department of Elementary and Early Childhood Education; and the Department of Physical Education and Health. The Early Childhood Development Center is also a component of the School. The role of the School is not only to foster an individual's professional growth but also to prepare the individual to serve as a productive member of society.

Approved teacher education programs* are offered through the School of Education in cooperation with academic departments at the College of Charleston. Teacher education programs are available for students with majors in biology, chemistry, choral music, classical studies (Latin), elementary education, English, French, German, history, instrumental music, mathematics, physical education, physics,

*Approved by the South Carolina Board of Education in conjunction with the National Association of State Directors of Teacher Education and Certification (NASDTEC).

political science, sociology, Spanish, and special education. Furthermore, courses that lead to additional certification in early childhood education and middle level education are offered in combination with these approved programs.

All students intending to complete a teacher education program are urged to meet with the Coordinator of Certification and Student Teaching in the School of Education as soon as possible, preferably in the freshman year. Early advising is necessary to ensure that a student's program of study includes the courses required under the minimum degree requirements of the College as well as all requirements of the specific teacher education program.

Students who intend to complete any teacher education program must meet specified admission, retention, and exit criteria in order to complete the program. An early commitment to a teacher education program is the first step in the process that culminates in an individual's graduation, recommendation for certification, and entry into the education profession.

CRITERIA FOR ADMISSION TO AND RETENTION IN THE TEACHER EDUCATION PROGRAM

- 1) Students interested in a teacher education program should contact the coordinator of Certification and Student Teaching, School of Education, during the freshman year to complete a program of study and to make sure that courses taken to meet College requirements will also meet the requirements for the teacher education program.
- 2) To be admitted to a teacher education program, the student:
 - a) must have completed at least 60 semester hours of course work that will meet the general degree requirements of the College;
 - b) must have a minimum GPA of 2.50;
 - c) must pass the South Carolina Education Entrance Examination (EEE);
 - d) must be recommended for admission by general-education and teacher-education faculty, and;
 - e) must be admitted one full semester prior to student teaching.
- 3) Required application form, results of the EEE, and recommen-

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dition forms must be sent to the Coordinator of Certification and Student Teaching, School of Education.

- 4) The School of Education Admissions Committee meets each semester to review student applications. A personal interview may be required of a candidate before acceptance into the program.
- 5) Transfer students must have transcripts evaluated by the Office of the Registrar to determine general course equivalence. All education courses and those that might be considered to meet core or professional education requirements will be further evaluated by the School of Education. No more than 12 semester hours in education may be transferred. (Excess hours may, in some cases, be counted as elective hours if the student's individual program of studies permits.)
- 6) The student's progress in the teacher education program will be monitored continuously. Since preparation for a career as a professional educator involves much more than the successful completion of a series of courses, periodic reviews of the student's progress will be conducted by faculty. Assessment of the student's progress toward the acquisition of basic teaching competency will be made. As a result of the periodic reviews and discussions with students who evidence deficiencies, additional course work and/or additional practica may be required. Failure to achieve satisfactory progress as determined by the faculty will result in the student's dismissal from the teacher education program.
- 7) Admission to student teaching is contingent upon:
 - a) admission to a teacher education program one full semester prior to student teaching;
 - b) maintenance of a minimum overall GPA of 2.50; and,
 - c) maintenance of a minimum GPA of 3.0 in the professional education sequence.
- 8) Additional course work may not be taken in the evenings during the student teaching semester.
- 9) To teach in the State of South Carolina the student must:
 - a) complete an approved teacher education program;

- b) receive the recommendation for certification from the School of Education; and,
- c) earn a passing score on the National Teacher Examination (NTE) or the State-sponsored Testing Program Examination, and the Test of Professional Knowledge.

Completion of the approved program does not automatically ensure certification recommendation by the School of Education. Although completion of the approved program of studies will usually result in recommendation, it may in fact be withheld as the result of failure to satisfactorily complete the requirements and activities as described by the faculty, substandard performance during student teaching, failure to pass the National Teachers Exam or the State-sponsored Testing Program Exam, or the Test of Professional Knowledge, or the student's failure to change behaviors which are considered to be impediments to successful teaching.

EDUCATIONAL FOUNDATIONS AND SPECIALIZATIONS

EDUCATIONAL FOUNDATIONS AND SPECIALIZATIONS

Robert E. Fowler, Chair

Professors

Robert E. Fowler, Pamela C. Tisdale

Associate Professors

Mary Anne Christenberry, Susan A. Sommer-Kresse,

Richard B. Voorneveld, Peter H. Yaun

Assistant Professors

Eve Coleman, Frances H. Courson, Paula S. Fordham,
Myrtle Glascoe, Susan P. Gurganus, Denis Keyes, Robert F. Perkins,
Michael E. Skinner

The primary goal of the Department of Educational Foundations and Specializations is the preparation of competent teachers to meet the educational needs of children and youth. To meet this goal, the department offers a major and teacher preparation program in special education as well as teacher education programs for students who major in biology, chemistry, choral music, classical studies (Latin), English, French, German, history, instrumental music, mathematics, physical education, physics, political science, sociology and Spanish.

Special Education Major. The major in special education is designed for students who are interested in teaching children and youth with behavior disorders, learning disabilities or mental retardation in kindergarten through grade 12, and in institutions. The special education major consists of 35 semester hours and includes the following courses: EDFS 201, EDFS 303, EDFS 326, EDFS 330, EDFS 345, EDFS 351, and/or EDFS 352, and/or EDFS 353, EDFS 411, EDFS 412, EDFS 413, AND EDEE 430.

Special Education Teacher Education Program. This program is designed for students who intend to become certified to teach children and youth with behavior disorders, learning disabilities or mental handicaps, in kindergarten through grade 12, or in institutions. The program consists of all the requirements for the major in special education plus student teaching, in addition to the admission, retention, and exit requirements of the teacher education program.

Secondary Education Teacher Education Program. In cooperation with other academic departments, the School of Education provides teacher education programs for students seeking certification to teach in secondary schools, grades 9-12. This option is available for students who major in biology, chemistry, classical studies (Latin), English, French, German, history (certification in social studies), mathematics, physics, political science (certification in social studies), sociology (certification in social studies), and Spanish. Students must complete all the requirements of the major plus those of the teacher education program including student teaching and the admission, retention, and exit requirements of the teacher education program.

Physical Education Teacher Education Program. In cooperation with the Department of Physical Education and Health, the School of Education provides a teacher education program for students seeking certification to teach physical education, kindergarten through grade 12. Students must complete all of the requirements of the physical education major plus those of the teacher education program including student teaching and the admission, retention, and exit requirements of the program.

Choral Music and Instrumental Music Teacher Education Program. In cooperation with the Department of Music, the School of Education provides teacher education programs for students seeking certification to teach choral music or instrumental music, kindergarten through grade 12. Students must complete all the requirements of the choral music or instrumental music major plus those of the teacher education program including student teaching and the admission, retention, and exit requirements of the program.

Minor in Education. The minor in education is designed for those students seeking certification with a major in one of the following academic areas: biology, chemistry, choral music, English, French, German, history, instrumental music, Latin, mathematics, physical education, physics, political science, sociology, or Spanish. Course requirements for the minor correspond to those courses required in the teacher education programs for each area. In addition to these course requirements, students seeking certification must complete all course requirements of their major and the admission, retention, and exit requirements of the teacher education program. To declare a minor in education, students must contact the Coordinator of Certification and Student Teaching, School of Education.

EDUCATIONAL FOUNDATIONS AND SPECIALIZATIONS

Available Graduate Programs. The Department of Educational Foundations and Specializations offers two graduate degrees (Master of Education and Master of Arts in Teaching) in special education. For further information refer to the College of Charleston *Graduate Studies Bulletin*.

EDFS COURSES

- EDFS 201 Introduction to Education (3)**
A survey of the American public school system with emphasis on current trends and issues, the development of teaching as a profession, organization and control of schools, and the history of education.
NOTE: Prerequisite or corequisite to all other education courses.
- EDFS 303 Human Growth and the Educational Process (3)**
An introduction to the general principles of life-long human growth and development and their relationship to the educational process. Emphasis on physical, social, intellectual, and emotional development and their interaction with educational variables.
NOTE: Students who have completed Psychology 108 may not receive credit for EDFS 303.
- EDFS 305 Adolescent Growth and Development (3)**
A study of the growth and development of adolescents with emphasis upon the process of socialization, psychological implications, and intellectual development. Appropriate field experiences required.
- EDFS 309 Educational Psychology (3)**
A study of some of the ideas of theorists and psychologists that have had an impact on contemporary learning theory and educational practices. Students will examine the areas of motivation, diagnostic and prescriptive teaching, behavior and discipline, classroom management, and evaluation.
- EDFS 326 Computers for Teachers (3)**
An introductory course for pre-service teachers to the use of computers in the classroom. The course includes both awareness and functional levels of educa-

tional computing. Participants are made aware of computer terminology, types and components of computers, and the potential use of computers in education. In addition, students learn to evaluate hardware and software.

- EDFS 330 Classroom Management (3)**
Course designed to enable students to implement positive management techniques in their classrooms. Focuses on principles and procedures underlying effective social and academic development and the use of positive motivational methods with children and youth.
- EDFS 345 Introduction to the Education of Exceptional Children and Youth (3)**
An introduction to programs, problems, and procedures of working with children who are exceptional—mentally, physically, or emotionally. Focuses on children who have problems of vision, hearing, speech, as well as those with physical and neurological defects. Attention is given to recent research dealing with the exceptional child and special education programs. Prerequisite: EDFS 201 or permission of the instructor.
- EDFS 351 Characteristics of the Emotionally Handicapped (3)**
An introductory study of causes, characteristics, and educational practices associated with emotionally handicapped persons. Includes field experiences with emotionally handicapped persons. Prerequisite: EDFS 345
- EDFS 352 Characteristics of Learning Disabilities (3)**
An introductory course. Study of etiology, characteristics, educational provisions, and procedures associated with learning-disabled children and youth. Includes field experiences. Prerequisite: EDFS 345

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- EDFS 353** **Characteristics of the Mentally Handicapped (3)**
A study of the social, behavioral, physical, and learning characteristics of individuals with mental handicaps. Includes field experience.
Prerequisite: EDFS 345.
- EDFS 354** **Introduction to the Education of Persons with Severe and Profound Handicaps (3)**
A study of the learning and behavioral characteristics of persons who are severely and profoundly handicapped (S/PH). The course will acquaint the pre-service teacher with theories, principles, and practices related to the interdisciplinary management of persons with severe/profound handicaps. Students will be given the opportunity to pursue an in-depth study of severe and profound handicaps specifically related to their chosen area(s) of specialization (e.g., behavior disorders, mental retardation).
Prerequisite: EDFS 345
- EDFS 411** **Curriculum and Instruction for Mildly Handicapped Students (4)**
A course designed to prepare students to teach pupils with mild learning or behavioral problems in a resource room setting (K-12). Emphasis will be on educational assessment for placement and planning purposes as well as procedures for teaching basic academic and social skills to individuals and small groups.
- EDFS 412** **Curriculum and Instruction for Moderately Handicapped Students (4)**
A course designed to prepare students to teach pupils with moderate learning or behavioral problems in a self-contained classroom setting (K-12). Emphasis will be on educational assessment for planning and evaluation purposes as well as procedures for teaching basic academic, social, functional and vocational skills.
- EDFS 413** **Practicum in Instruction of Exceptional Children (3)**
A supervised field experience requiring a minimum of

40 hours of direct instruction of exceptional children or youth. Related seminar participation required.

- EDFS 440 Student Teaching in Special Education (12)**
440A Student Teaching/Emotionally Handicapped (6)
440B Student Teaching/Learning Disabled (6)
440C Student Teaching/Mentally Handicapped (6)
- Courses designed to provide students with an extensive supervised experience in teaching exceptional learners. Each student will be placed in special education settings commensurate with his or her emphasis within special education for a minimum of 60 days (12 weeks). Weekly on-campus seminars also are required. Students must apply for admission to student teaching one semester prior to enrollment. The deadline for application for fall semester student teaching is the last school day in February. The deadline for application for spring semester student teaching is the last school day in September.
- Prerequisites: Admission to the teacher education program and completion of all education courses.

- EDFS 455 Communication and Reading in the Content Areas (3)**
- A study of communication processes and skills, with emphasis on the nature of effective communication between teachers and students and between teachers and parents. Further study in the nature of the reading process, principles of instruction, and methods and materials for teaching reading in the content areas will be included, with specific attention to teaching initial reading skills for the older non-reader, diagnosing and treating reading difficulties, and developing critical reading skills. General principles for effective planning, instruction, management, communication, and assessment will also be included. Clinical experience required.

- EDFS 456 Teaching Strategies in the Content Areas: A,B,C,D,E,F, and G.**
- A study of the instructional process with emphasis on methodology and techniques, and diagnostic/prescriptive teaching in a particular field of specializa-

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tion applicable to secondary teacher preparation programs. Observation and analysis of a variety of teaching models for assessment of individual teaching effectiveness and professional growth will be included. Clinical/lab experiences required.

A. English (3); B. Science (3); C. Social Studies (3); D. Mathematics (3); E. Languages (3); F. Physical Education K-12 (4); G. Music K-12 (3).

EDFS 460

Student Teaching in the Content Areas (12)

A course designed for pre-service teachers seeking secondary or K-12 program certification in a particular field of specialization. Pre-service teachers are placed in a public school setting for intensive and continuous involvement within the context of the total instructional process for at least 60 full days (12 weeks). Weekly on-campus seminars also are required. Students must apply for admission to student teaching one semester prior to enrollment. The deadline for application for fall semester student teaching is the last school day in February. The deadline for application for spring semester is the last school day in September. Pre-requisites: Admission to a teacher education program and completion of all education courses.

EDFS 470

Independent Study in Education (3)

A course in which students who have taken an appropriate sequence of preparatory courses in education may do an individually supervised study of some topic of the student's interest. Each project must be done in consultation with a department member qualified to guide and evaluate the work. Prerequisites: Junior standing or above and permission of the instructor and department chair.

EDFS 560

Special Topics in Education (1-3)

Study of a particular subject or theme in educational methods of teaching or content. Specific topics will be listed with the course title when offered, e.g., Special Topics in Education: Multicultural Education.

ELEMENTARY AND EARLY CHILDHOOD EDUCATION

Martha L. Nabors, Chair

Professors

Edward J. Lawton, Charles E. Matthews

Associate Professors

Mary E. Blake, P. Kenneth Bower, Linda C. Edwards,

J. Frederick Ettline

Assistant Professors

Virginia Bartel, Genevieve H. Hay, Margaret Humphreys,

Katherine McIntosh, Martha L. Nabors, Lauren Orth

The primary goal of the Department of Elementary and Early Childhood Education is the preparation of competent teachers to meet the educational needs of children and youth. To meet this goal, the department offers a major and teacher preparation program in elementary education. Additional course work allows students to add certification in early childhood education or middle level education.

Elementary Education Major. The major in elementary education is designed for students who are interested in teaching in elementary schools, grades 1-8. The elementary education major consists of 39 semester hours and includes the following courses: EDSF 201, EDSF 303, EDEE 307, EDEE 315, EDEE 316, EDEE 321, EDSF 326, EDSF 330, EDEE 385, EDEE 390, EDEE 430, EDEE 431, AND EDEE 432.

Elementary Education Teacher Education Program.

This program is designed for students who intend to become certified to teach in elementary schools, grades 1-8. The program consists of all the requirements for the major in elementary education, plus student teaching in addition to the admission, retention, and exit requirements of the teacher education program.

Early Childhood Certification. The School of Education provides courses for students seeking early childhood certification (K-4). Students must complete the requirements for the elementary or special education teacher education program and also take EDEE 360, 361, and 362.

Middle School Certification. The School of Education provides course sequences for students seeking certification in middle

ELEMENTARY AND EARLY CHILDHOOD EDUCATION

school education (6-8). Students must complete a teacher education program in elementary or secondary education, with the addition of EDEE 515. Furthermore, there is a 12-hour specialty requirement in one of four subject areas (language arts, mathematics, science, social studies) for all students.

Available Graduate Programs

The Department of Elementary and Early Childhood Education offers two graduate degrees (Master of Education and Master of Arts in Teaching) in elementary education and early childhood education. For further information refer to the College of Charleston *Graduate Studies Bulletin*.

EDEE COURSES

- EDEE 307 Managing Instruction for Effective Learning (3)**
Analysis and application of a variety of teaching models (e.g. Program for Effective Teaching, Cooperative Learning, Discovery/Inquiry, etc...). Demonstration and self-evaluation emphasized.
- EDEE 311 Literature for Children (3)**
A review of old and new literary materials suitable for elementary school children. The art of story-telling, teaching techniques, various literary forms, and integration of literature with other facets of the curriculum will be emphasized.
- EDEE 315 Individualizing Instruction (3)**
An examination of the process of individualizing instruction. Meeting individual student needs of regular and exceptional students in the elementary and middle-school classroom will be analyzed as a process that includes (1) defining and selecting objectives, (2) diagnosing student needs, (3) selecting and defining appropriate instructional strategies, (4) developing appropriate tests to assess learning, and (5) making educational interpretations of test results. This is the first level practicum course.
- EDEE 316 Teaching of Creative Arts (3)**
An examination of objectives, content, instructional

materials, teaching practices, and procedures relating to the fine arts and creative arts on the elementary and middle school levels. The integration of music, drama, puppetry, movement education, and graphic expression will assist the teacher in utilizing the creative arts within the regular classroom.

EDEE 321

Teaching Health and Physical Education (3)

A course designed to develop instructional techniques as related to health and physical education, movement education theory, and the integration of elementary and middle school studies through movement experiences; included is an examination of health concepts and health programs.

EDEE 360

Early Childhood Curriculum and Development

An analysis of early childhood curricular models to include the current and historical philosophies which guide them and the child development theories which form them. Students will examine the physical, emotional, social, and cognitive components of children at different stages of development in relation to the design and implementation of a developmentally appropriate curriculum.

EDEE 361

Methods and Materials in Early Childhood Education

Students are introduced to methods and materials needed by teachers in their multiple roles facilitating the social, emotional, physical, and cognitive development of young children. Pertinent information related to establishing more effective relationships with parents and increasing parental involvement will also be addressed.

EDEE 362

Practicum in Early Childhood Education

A supervised field experience requiring a minimum of 40 hours of direct contact with young children in a preschool or kindergarten setting. Related seminar participation required.

ELEMENTARY AND EARLY CHILDHOOD EDUCATION

- EDEE 385 Teaching of Language Arts (3)**
An introductory course in the methods and materials, issues, trends, and research in teaching communication skills to elementary and middle-school students. Encoding and decoding skills in both oral and written language will be studied. This is the second practicum Course.
Prerequisite: EDEE 315
- EDEE 390 Humanities and Social Studies for Teachers (3)**
An introduction to the basic content for elementary school social studies programs. Study of the humanities and how they relate to the social studies curriculum. Students will become familiar with materials used in these areas of the curriculum. Emphasis will be placed on integrating the humanities with other areas of the elementary-school curriculum course.
Prerequisite: EDEE 315
- EDEE 430 Teaching of Reading in the Elementary School (3)**
A study of reading skills in relation to the psychological bases, developmental principles, and historical and current issues in reading practices.
- EDEE 431 Mathematics for Elementary Teachers (3)**
An analysis of the components of the real number system and their applications. Additional topics include those commonly covered in the mathematics curriculum of the elementary school.
Prerequisites: Mathematics 101; Mathematics 140 or permission of the instructor.
- EDEE 432 Teaching Elementary School Science (3)**
A basic course in science education, providing an overview of the content, methods, and materials in teaching biological and physical sciences in the elementary school. This is the third and final practicum course.
Prerequisite: EDEE 385
- EDEE 450 Student Teaching in the Elementary School (12)**
A course in which students are placed in a local ele-

mentary school to observe, teach, and participate during the entire school day for a minimum of 60 days (12 weeks). Weekly on-campus seminars also are required. Students must apply for admission to student teaching one semester prior to enrollment. The deadline for application for fall semester student teaching is the last school day in February. The deadline for application for spring semester student teaching is the last school day in September. Prerequisites: Admission to the teacher education program and completion of all education courses.

EDEE 515

Middle School Organization and Curriculum (3)

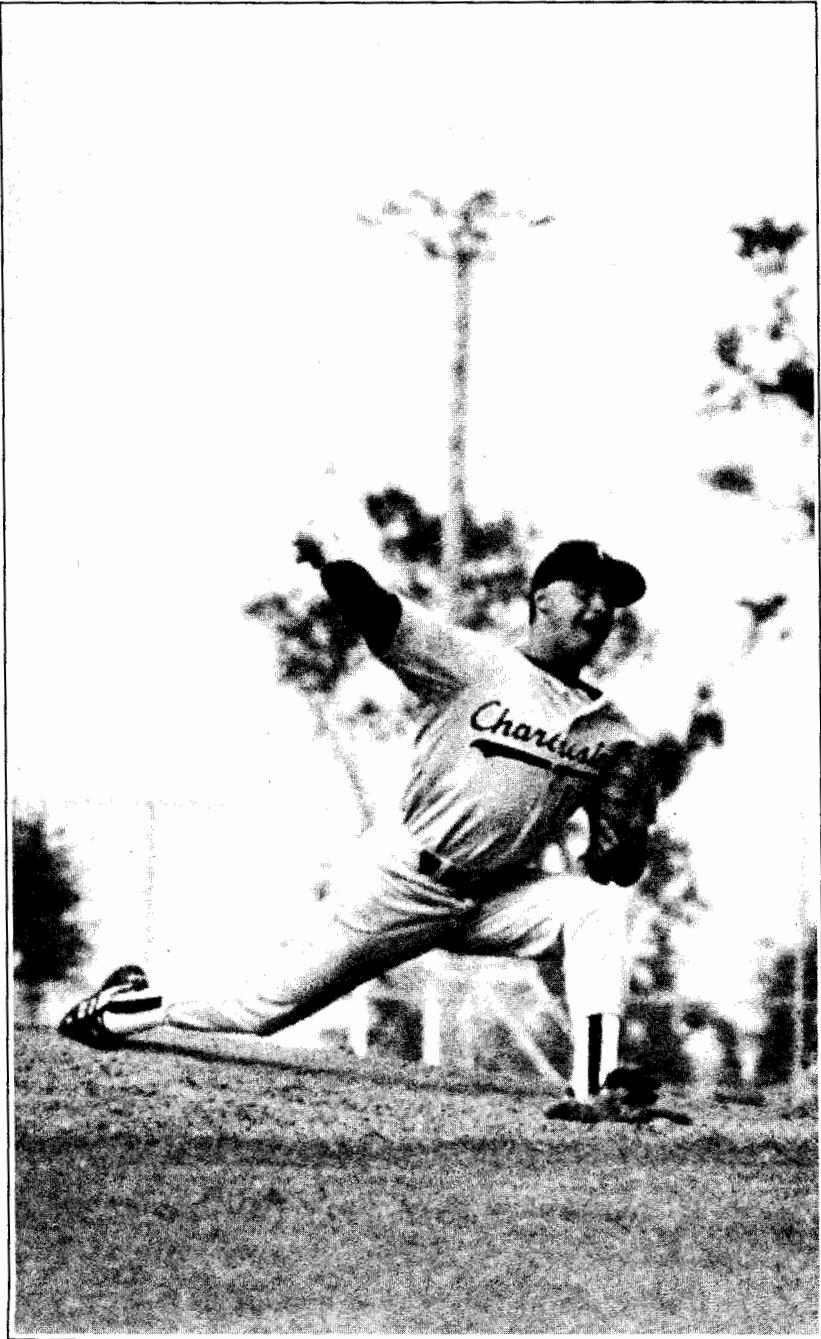
An overview of the middle school concept, including (a) historical and philosophical antecedents, (b) conflicting perceptions of middle school, (c) definitions of middle-level education and middle school, (d) characteristics of the emerging adolescent and related implications for curriculum organization, instructional, and evaluation techniques, (e) change factors involved in conversion to the middle school concept, (f) evaluation methods for determining effectiveness,

LEARNING STRATEGIES

EDLS 001

Learning Strategies for College Students (3)

Techniques for becoming proficient learners. Focus is on strategies for interpretive thinking: comprehension, analysis, reasoning, problem solving, organization, and planning. Credits earned in this course may not be applied toward degree requirements.



PHYSICAL EDUCATION AND HEALTH

803-792-5558

Andrew H. Lewis, Chair

Associate Professors

Richard N. Godsen, Thomas D. Langley,

Andrew H. Lewis, Deborah A. Miller

Assistant Professors

Susan Balinsky, Dana Espinosa, B. Jean Hamilton,

Max D. Kennedy, John Kresse

The Department of Physical Education and Health is an integral part of the liberal arts education of the College. Through its instructional program and through student participation in movement activities, sports, and games, the department hopes to provide students with a better understanding of themselves psychologically, sociologically, and, especially, physiologically. Being made aware of one's capabilities and limitations through physical activity can make a significant contribution to understanding of self. With this in mind, the department offers activity and movement experiences for all students, the handicapped as well as the highly skilled.

Having knowledge of ways to effect personal change or to continue desirable health behavior through sound health practices should be part of everyone's education. Through its activity and theory courses and its offerings in health, the department contributes to the development of this knowledge for all students and especially for its majors, who will be responsible for conveying this knowledge to others.

The Department of Physical Education and Health offers a major in physical education, a minor in health, and a series of activity courses for the general student body. Students who are interested in majoring in physical education should consult a departmental advisor as soon as possible. This is especially true for those interested in seeking teacher certification. The *Physical Education Majors' Handbook* should be obtained at the first opportunity. This handbook is available through the Physical Education/Health office in the F. Mitchell Johnson Physical Education Center.

General Information: All 100-level physical education and health courses are activity courses intended for the general college student. Physical education and health courses at the 200, 300, and 400 levels are either physical education or health theory courses. The

PHYSICAL EDUCATION AND HEALTH

physical education courses are intended for the physical education major, but may be taken on a limited elective basis by non-majors. Courses in health are designed to meet the needs of the health minor and to provide those courses necessary for state teacher certification. These courses are available to any student wishing to minor in health or seeking elective credit.

Courses in physical education activity (100 level) and in physical education theory may be taken for elective credit by the non-physical education major, but no more than eight semester hours total from both categories may be applied toward a degree. Courses in health taken for elective credit are not subject to the eight-hour restriction.

BASIC PHYSICAL EDUCATION

Basic physical education courses are designed for the general student. These are all 100-level courses and represent a wide range of activities. Each student will be required to learn foundational knowledge concerning the biophysical values of activity in addition to individual course requirements concerning skill mastery, rules, history, etc.

BASIC PHYSICAL EDUCATION COURSES

- 100 Introduction to Physical Fitness (2)**
This course presents the principles and methods for developing and maintaining physical fitness. Major emphasis is on developing a personal exercise and nutrition program. Lecture, one hour per week; laboratory, two hours per week.
- 105 Basketball and Volleyball (2)**
The history, techniques, practice of skills, and rules of basketball and volleyball.
- 107 Beginning Swimming (2)**
A course designed to teach the non-swimmer how to swim. Emphasis on drown-proofing and elementary forms of water safety.
- 108 Advanced Swimming (2)**
A course designed to improve swimming skills with emphasis on water safety, stroke mastery, elementary forms of lifesaving, and life guarding.

- 109 Aerobics (2)**
The main emphasis of this course is the understanding of the basic physiological principles associated with physical activity and human movement as applied in a cardiovascular aerobic dance workout. The course also includes exercise programs for muscular endurance, strength and toning.
- 112 Tumbling and Gymnastics (2)**
An introductory course with instruction in tumbling (individual, dual, and group activities), rebound tumbling, pyramid building, and gymnastics, including the trampoline, vaulting, balance beam, parallel bars, and the side horse.
- 115 Physical Conditioning and Weight Training (2)**
A course designed to teach the accepted methods of developing and maintaining physical fitness. Consideration will be given to diet, nutrition, posture, physical form, and the role of resistance exercise in the improvement of physical fitness.
- 116 Beginning Golf (2)**
The history, techniques, practice of skills, and rules of golf.
NOTE: Lab fee required.
- 117 Badminton and Racquetball (2)**
The history, techniques, practice of skills, and rules of badminton and racquetball.
- 118 Sailing (2)**
The course will provide the student with instruction in the basic fundamentals of sailing. Attention will also be given to the safe, reasonable operation of sailing craft, as well as instruction in the proper care and maintenance of sailboats.
NOTE: Lab fee required.
- 119 Beginning Tennis (2)**
The history, techniques, practice of skills, and rules of tennis.
- 120 Special Topics (2, repeatable up to 4)**
A course designed to cover a variety of topics not otherwise offered in the basic physical education activity program.

PHYSICAL EDUCATION AND HEALTH

Popular activities representing both traditional and non-traditional activities will be offered on a random basis according to interest shown in the activity.

- 185** **Dance I (2)**
An introductory course involving modern dance, jazz, ballet, and other popular dance forms and techniques.
- 186** **Dance II (2)**
The course will focus on more advanced techniques in the dance forms involved, particularly modern and ballet, and will also include interpretation, improvisation, choreography, and elementary performance.

PHYSICAL EDUCATION

Physical education courses are intended for the physical education major, but may be taken on a limited elective basis by non-majors. These are technique and theory courses; they are not activity courses. Physical Education and Health 201 should be the first course for the prospective major, and lower-numbered courses should generally precede higher-numbered courses.

This is a two-track major in physical education. Students entering the program would normally choose between the teacher preparation track or the optional (non-teaching) track. It is possible, but not usual, for a student to complete both tracks.

Core Curriculum: This series of courses consists of 17 semester hours in physical education and three semester hours of health. It must be taken by all students seeking a bachelor of science degree with a major in physical education. The courses are Physical Education and Health 201, 201L, 216, 235, 330, 340, and 431. Core curriculum courses are indicated by an asterisk (*). (Note the prerequisites for Physical Education and Health 330, 340, and 431.)

Bachelor of Science in Physical Education with Teacher Certification: Includes 16 hours of physical education courses in addition to the core curriculum for a total of 36 semester hours. Specific courses in physical education and additional courses in education are required to meet NASDTEC and South Carolina Department of Education requirements for teacher certification. The physical education courses required for certification are indicated by a dagger (†).

Bachelor of Science in Physical Education, Optional Track:

Includes 15 semester hours in physical education courses in addition to the core curriculum for a total of 35 semester hours. Physical education majors following this track will have 24-30 hours of electives to complete. Working with a major advisor, the student should select a concentration area in which to complete these elective hours. Courses in the following areas have been selected and courses of study predetermined: recreation, business, sports medicine (athletic training and exercise physiology), adult health/fitness and physical therapy. The 15 semester hours that must be completed in physical education will be coordinated with the selected concentration area. A six-semester-hour internship in the concentration area may be included as part of the 15 semester hours.

PHYSICAL EDUCATION COURSES

- †*201 Introduction to Physical Education (3)**
A required introductory course for physical education majors. Content will include a study of history, principles, objectives, philosophy, current trends and issues, and literature related to physical education.
- †*201L Introduction to Physical Education Laboratory (1)**
An introductory course designed to evaluate the student's present level of performance in a variety of knowledge and skill competencies. The areas of evaluation are determined by the department.
- 209 Aerobics and Anaerobics (2)**
An introduction to the principles of aerobic and anaerobic training. The specific and general effects of scientifically sound training programs will be examined; students will then execute an individualized program designed to meet their training needs.
- †*235 Motor Learning and Development (3)**
The course focuses on skill acquisition with primary consideration being given to the cognitive and motor processes underlying the learning of skills. Topics covered include (but are not limited to) motor control, attention, individual differences, practice and knowledge of results, transfer of learning, and motivation.

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- 245 Beginning Athletic Training (3)**
An introduction to the field of sports medicine from an athletic training perspective. The basic skills required of an athletic trainer will be presented. These include basic techniques in prevention of athletic injuries, injury recognition, treatment/management of injuries, field related anatomy and physiology, and bandaging/taping skills.
- †250 Rhythms and Gymnastics (3)**
Designed to instruct the student in the teaching techniques of rhythms and gymnastics. Practical application will be gained through the teaching of mini-lessons in the class.
- 320 Special Topics in Physical Education (3, repeatable up to 12)**
Studies in topics of current interest designed to supplement offerings in the department or to investigate an additional specific area of physical education.
Prerequisite: Permission of the instructor.
- †*330 Kinesiology (3)**
This course explores the techniques of human motion analysis. Particular emphasis is placed on the anatomical, mechanical, and physical principles of motion analysis.
Prerequisite: Biology 202 (Human Anatomy).
- *340 Work Physiology and Lab (4)**
The major objective of this course is to assist the student in gaining an understanding and appreciation of the physiological and metabolic adaptations accompanying physical work.
Prerequisite: Biology 201 (Human Physiology).
- 345 Advanced Athletic Training (3)**
A continuation of basic athletic training. Special consideration will be given to orthopedic aspects of sport injuries, rehabilitative methodology, administrative procedures, and the use of specific treatment modalities.
Prerequisite: PEHD 245 Beginning Athletic Training.
- †350 Management of Intramurals and Recreation (3)**
Presentation of principles and practice in planning, con-

ducting, and evaluating intramural and recreation programs in public and private agencies and at all levels of education. The managerial and sociological aspects of each program will be emphasized. Appropriate observation experiences will be provided in selected programs.

- 399 Tutorial (3, repeatable up to 12)**
Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).
Prerequisite: Junior standing, plus permission of the tutor and the department chair.
- 400 Independent Study in Physical Education (1-3)**
401 Designed to give the student individually structured study
402 and experience in allied areas such as cardiac rehabilitation, athletic training, pre-physical therapy, coaching, commercial and industrial health, fitness, and recreation, or others approved by the department. Repeatable up to four semester hours.
Prerequisite: Permission of the department.
- 430 Sport Science and Rehabilitation (3)**
Designed to introduce the student to the prevention, care, and rehabilitation of sports-related injuries; and prescriptive, exercise, and cardiac rehabilitation.
Prerequisites: Physical Education 330 and 340.
- +*431 Analysis of Physical Performance (3)**
The course explores the unique measurement tools used for the assessment of human physical performance. Particular emphasis is placed on the design and use of instruments for assessment in body mechanics, sports skills, fitness and motor skills, as well as in the use and interpretation of standardized tests in the field. The application of statistical analysis procedures essential for the evaluation of such measures is included.
Prerequisites: Mathematics 104 or equivalent; knowledge of BASIC.
- +432 Physical Education and Recreation for the Exceptional Child (3)**
Course designed to prepare students to construct and

PHYSICAL EDUCATION AND HEALTH

implement an appropriate physical education and recreation curriculum for the handicapped learner. Field experience required.

- †456F **Teaching Physical Education K-12 (4)**
The course will cover the use of the systems approach in the development of the physical education program in grades K-12. Emphasis will be placed on curricular design and teaching techniques. Practical experience involving evaluation of teaching techniques will be required. (This course is a prerequisite for Physical Education and Health 458 and EDFs 460)
- †458 **Organization and Administration of Physical Education (3)**
A course covering the organization, planning, implementation and administration of a total program of physical education (grades K-12) and interscholastic activities. Prerequisite: Physical Education 456F. Corequisite: EDFs 460.
- 499 **Bachelor's Essay (6)**
A year-long research and writing project done during the senior year under the close supervision of a tutor from the department. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

HEALTH

Health courses are designed to provide knowledge about health, with the hope that increased knowledge will lead to better attitudes toward health and better health behaviors. Personal and Community Health (Physical Education and Health 216) is a required course for teacher certification within the physical education major. Therefore, it may not be counted toward the health minor for a physical education major.

A minor in health is available to all students, particularly to those in health-related fields. In order to declare a health minor, the student must meet with the Health Coordinator to complete a program

of study. The minor shall consist of 18 semester hours. The required courses for the student majoring in physical education are Physical Education and Health 217, 225, and 257. The required courses for the non-major are 216, 217 and 257. Nine hours of electives must be chosen from the following courses: Physical Education and Health 220, 317, 347, 390, 399, 403; Biology 204; and Psychology 333. Students electing to take the internship, PEHD 403 must have a minimum overall GPA of 2.5 and two letters of recommendation. The maintenance of a minimum GPA of 2.0 in the health minor course work is required for successful completion.

HEALTH COURSES

- †*216 Personal and Community Health (3)**
A study of principles and problems of personal, group, and community health as applied to everyday living.
- 217 Human Sexuality (3)**
The format focuses on providing information necessary for establishing a sound knowledge base on topics including sexual anatomy and physiology, birth control, basic psychological concepts of sexuality, sexual diseases, family planning, and parenting. The information is presented in relation to the decision-making process as applied to understanding one's own and others' sexuality.
- 220 Special Topics in Health Education (3, repeatable up to 12)**
Studies in topics of current interest designed to supplement offerings in the department or to investigate an additional specific area of health education. May be repeated for credit with different research topics.
- 225 Consumer Health (3)**
An examination of the factors involved in the selection and evaluation of health services and products. Emphasis will be placed on quackery, consumer protection laws and organizations, and health insurance considerations.
- 257 Nutrition Education (3)**
A study of food groups and nutrients and their relationship to health, physical activity, aging, and consumer-food programs.

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- 317 Sexual Behavior and Relationships (3)**
A study of contemporary issues in the field of human sexuality, such as sexual motivation, sexual orientation, sex roles, sexual dysfunction and therapy, the nature of sexual attraction, theories of love, critical factors in the maintenance of intimate relationships, and alternative life-styles. Prerequisite: Physical Education and Health 217 (Human Sexuality) or permission of the instructor.
- 347 Emergency Preparedness and First Aid (4)**
A study of safety; environmental, psychological and sociological factors in accidents; first aid procedures for illness and injury; and preparations for emergency situations. Lectures, three hours per week; lab, three hours per week.
- 390 Chronic and Communicable Diseases (3)**
The epidemiology of chronic and communicable diseases—their causes and progression, departures from normal body functioning, relationship of disease to functional ability, preventive and curative aspects of disease. Lectures, three hours per week; Lab, three hours per week.
- 399 Tutorial (3, repeatable up to 12)**
Individual instruction given by a tutor in regularly scheduled meetings (usually once a week). Prerequisites: Junior standing, plus permission of the tutor and the department chair.
- 403 Health Internship and Practicum (6)**
Students are placed in cooperating local agencies in areas of interest (public health, employee wellness, school health, physical therapy, etc.). The practicum is a laboratory class that requires participation in the daily activities of an assigned agency and in on-campus seminars. (Participation in the practicum requires satisfactory completion of 12 semester hours in health and related courses.) Prerequisites: Junior standing, permission of the department chair, and a minimum GPA of 2.5.

SCHOOL OF HUMANITIES AND SOCIAL SCIENCES

803-792-5770

DEAN

Samuel M. Hines, Jr.

Department of Anthropology

George E. Dickinson, Chair

Department of English

Nan Morrison, Chair

Department of History

Clark G. Reynolds, Chair

Department of Languages

Michael Pincus, Chair

**Departments of Philosophy and
Religious Studies**

Hugh T. Wilder, Chair

**Department of
Political Science**

William V. Moore, Chair

Department of Psychology

William Bischoff, Chair

Department of Sociology

George E. Dickinson, Chair

INTERDISCIPLINARY STUDIES

International Studies: Thomas A. Palmer, Director

American Studies: George W. Hopkins, Coordinator

Jewish Studies: Stuart Knee, Director

Communications: Greg Schmitt, Director

Women's Studies: Vacant

African Studies:

Urban Studies: George Hopkins, Director

The School of Humanities and Social Sciences exemplifies the diversity of academic programs and general education courses that characterize the very best liberal arts colleges. The largest of the five schools, it includes departments that offer a wide range of majors and minors. In addition, the School houses a variety of distinctive interdisciplinary programs. Thus, the School embraces the most traditional of liberal arts degree programs—the A.B. degree in Classics—as well as contemporary interdisciplinary subjects that reflect the continuing evolution of the disciplines to encompass new areas of knowledge. Dedicated faculty provide sound academic advising to a large number of students majoring in programs in the School.

ANTHROPOLOGY

ANTHROPOLOGY

792-8186

George E. Dickinson, Chair

Professor

George E. Dickinson

Associate Professor

John H. Rashford

Assistant Professors

Barbara E. Borg, Brad R. Huber

Anthropology, through its global and comparative methods, seeks to explore the worldwide diversity of human culture, both past and present. Anthropology is divided into four subdisciplines (physical, archaeological, linguistic, and cultural) through which it is linked to many sciences and humanities.

In order to understand human evolution, physical anthropologists study such things as non-human primates (monkeys and apes), as well as the fossil record and human genetics. Archaeologists collect and interpret artifacts and other material remains left by past and contemporary societies in order to reconstruct their lifestyles and to demonstrate major cultural developments such as the origin of agriculture and the emergence of civilization. Languages and the ability to use symbols are studied by linguists. Cultural anthropology provides a comparative perspective on the similarities and differences making up the range of human behavior. It shows that assumptions about human behavior based on the knowledge of a single society or one's own society are often inadequate.

Major Requirements

The student selecting anthropology as a major is required to take 33 hours, including Anthropology 101, 201, 210, 491 (or Sociology 371), and three hours in either 319 or 490. Students must also take four 300-level courses, one of which must be a geographic area course (320s). The remaining six hours are electives which can be fulfilled by taking two additional anthropology courses. Students majoring in anthropology are encouraged to include courses in sociology, history, political science, international studies, psychology, economics, statistics, and computer programming in their program of study.

Minor Requirements

A minor in anthropology requires the completion of 18 hours

of course work including Anthropology 101, 201, and 210. The remaining nine hours are electives which can be fulfilled by taking any three additional anthropology courses.

ANTHROPOLOGY COURSES

- 101 Introduction to Anthropology (3)**
An introduction to the study of humankind, including archaeology, ethnology, linguistics, and physical anthropology.
- 201 Comparative Social Organization (3)**
A comparative review of the principles used in social organization among various peoples of the world. Non-Western societies and their transformations through contact with the West will be examined.
Prerequisite: Anthropology 101 or permission of the instructor.
- 202 Archaeology (3)**
An introduction to basic theory and techniques of the reclamation of cultural remains.
Prerequisite: Anthropology 101 or permission of the instructor.
- 203 Introduction to Physical Anthropology (3)**
An introduction to the study of human physical development including a survey of human evolution, race, man's relationship to other primates, and the effects of culture upon man's physical development.
- 205 Language and Culture (3)**
A study of language in its social and cultural context. Relationships between language and the transmission of meaning, world view, and social identity will be examined.
Prerequisite: Anthropology 101 or permission of the instructor.
- 210 History of Anthropological Theory (3)**
A survey of major theories of anthropologists to explain human social and cultural behavior.
Prerequisite: Anthropology 101 or permission of the instructor.

ANTHROPOLOGY

- 302 Archaeology of North America (3)**
A survey of the prehistoric cultural data from the major culture areas of North America and the standard interpretations of that data.
Prerequisite: Anthropology 202 or permission of the instructor.
- 315 Peasant and Complex Cultures (3)**
A cross-cultural exploration of peasants and the role their productive activities play in the development of complex, class-structured societies.
Prerequisites: Anthropology 101 and 201 or 210 or permission of the instructor.
- 316 Ecological Anthropology (3)**
A study of the relationship between cultures and their physical/ecological environments.
Prerequisites: Anthropology 101 and 201 or 210 or permission of the instructor.
- 319 Special Topics in Anthropological Theory (3)**
An intensive comparative investigation of some limited problems in anthropological theory-building. Topics will be chosen ahead of time in response to both faculty and student interest. Can be repeated once with a change in topic.
Prerequisites: Anthropology 101 and 201 or 210 or permission of the instructor.
- 320 Peoples and Cultures of North America (3)**
A survey of the cultural areas of North America at the point of European contact. Typical cultures in each area will be described.
Prerequisites: Anthropology 101 and 201 or 210 or permission of the instructor.
- 321 Peoples and Cultures of the Pacific (3)**
An overview of the pre- and post-contact cultures of the Southern Pacific (Melanesia, Polynesia, Micronesia).
Prerequisites: Anthropology 101 and 201 or 210 or permission of the instructor.

- 322 Peoples and Cultures of Africa (3)**
A review of the major socio-cultural developments in pre-historic and historic Africa.
Prerequisites: Anthropology 101 and 201 or 210 or permission of the instructor.
- 325 Peoples and Cultures of Latin America (3)**
A review of major socio-cultural developments in prehistoric and historic Latin America. Emphasis will be placed on Central America and South America.
Prerequisites: Anthropology 101 and 201 or 210 or permission of the instructor.
- 326 Peoples and Cultures of Europe (3)**
A review of major socio-cultural developments in historic and modern Europe. Emphasis will be placed on modern peasant societies.
Prerequisites: Anthropology 101 and 201 or 210 or permission of the instructor.
- 327 Peoples and Cultures of the Caribbean (3)**
This course examines the history of the people of the Caribbean and the development of their diverse cultural traditions.
Prerequisites: Anthropology 101 and 201 or 210 or permission of the instructor.
- 340 Medical Anthropology (3)**
A review of the ways in which illness and health are conceptualized in different societies. Cultural variations in therapies also will be studied. Medical system of U.S. and interaction with non-Western medical systems will be discussed. Credit cannot be received for both Anthropology 340 and Sociology 340.
Prerequisites: Anthropology 101 and 201 or 210 or permission of the instructor.
- 345 Applied Anthropology (3)**
An examination of the practical uses of anthropological methods, concepts, and theories to bring about technological, cultural, economic, or social change.
Prerequisites: Anthropology 101 and 201 or 210 or permission of the instructor.

ANTHROPOLOGY

- 346 Anthropology of Gender (3)**
An examination of male and female gender roles in society from a cross cultural perspective.
Prerequisites: Anthropology 101 and 201 or 210 or permission of the instructor.
- 351 Urban Anthropology (3)**
An in-depth examination of the emergence of urban society, contemporary urbanization, and the nature of urban life. Credit cannot be received for both Anthropology 351 and Sociology 351.
Prerequisites: Anthropology 101 and 201 or 210 or permission of the instructor.
- 356 Anthropological Perspectives on Religion (3)**
A comparative analysis of socio-cultural factors influencing the development of religious beliefs, rituals, and organizations. Credit cannot be received for both Anthropology 356 and Sociology 356.
Prerequisites: Anthropology 101 and 201 or 210 or permission of the instructor.
- 357 Political Anthropology (3)**
A comparative review of non-Western and Western political structures. Theories of state formation, political change, political participation, and protest also will be studied. Credit cannot be received for both Anthropology 357 and Sociology 357.
Prerequisites: Anthropology 101 and 201 or 210 or permission of the instructor.
- 362 Social and Cultural Change (3)**
A study of current and historic theories concerning the process of socio-cultural change. Attention given to the techniques involved in the analysis and control of directed cultural and social change. Credit cannot be received for both Anthropology 362 and Sociology 362.
Prerequisites: Anthropology 101 and 201 or 210 or permission of the instructor.

- 399 Tutorial (3, repeatable up to 12)**
Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).
Prerequisites: Junior standing, plus permission of the tutor and the department chair.
- 490 Independent Study (1-3)**
Individually supervised readings and study of some anthropological work, problem, or topic of the student's interest.
Prerequisites: Anthropology 101 and 201 or 210 or permission of the instructor.
- 491 Field Methods (3,)**
This course reviews the variety of ways in which anthropological field research is conducted.
Prerequisites: Anthropology 101 and 201 or 210 or permission of the instructor.
- 492 Seminar in Anthropology (1-3)**
An overview of various theoretical areas of anthropology, with stress on student research and methodology.
Prerequisites: Anthropology 101 and 201 or 210 or permission of the instructor.
- 499 Bachelor's Essay (6)**
A year-long research and writing project during the senior year under the close supervision of a tutor from the department. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

ENGLISH

ENGLISH

803-792-5664

Nan D. Morrison, Chair

Professors

Conrad D. Festa, Bishop C. Hunt, Caroline C. Hunt
Jeffrey L. L. Johnson, Anna Katona, Nan Morrison, Norman Olsen

Associate Professors

Larry A. Carlson, Dennis M. Goldsberry
Joseph M. Harrison, Bret Lott

Assistant Professors

Paul E. Allen, Jr., Eugenie G. Comer, Robert L. Cross
Bonnie D. Devet, Sylvia H. Gamboa, Mary K. Haney
Tom Heeney, Shirley L. Moore
Gregory C. Schmitt, Patricia H. Ward

Instructors

Lynna Cherry, William T. Slayton, Anita L. Washam

The Department of English seeks to teach each student to read with insight, perception, and objectivity and to write with clarity and precision. After students have learned to examine analytically the ideas of others, and to express with clarity their own ideas, they have the foundation necessary to pursue a liberal education. The department also provides upper-level students with an understanding of their literary heritage, an aesthetic appreciation of literary art, a knowledge of the importance of literature in the life of any thinking individual, and a love for the beauty of man's deepest expressions. Finally, the department offers those courses in the discipline necessary to meet state certification requirements. Students seeking certification should meet with an advisor in the School of Education no later than the beginning of their junior year, and should see page 185 for complete information.

Major Requirements: 36 semester hours at or above the 200 level of which at least 30 hours must be selected from courses at or above the 300 level. The major must include English 201 and 202; English 301 or 302; English 304 or 306; three semester hours of early American literature (English 205 or 342 or 343); and three semester hours of later American literature (English 206 or 344 or 345).

English 101 and 102 are prerequisites for all English courses at or above the 200 level.

For English majors, English 201 and 202 are prerequisites for all English courses at or above the 300 level.

Only the grades in those courses which count toward the English major, as well as those in English 101 and 102, will be used in determining the grade-point average (GPA) in the major.

Minor Requirements: At least 18 semester hours, including English 201 and 202, English 205 or 206, and at least three other courses selected from those at or above the 300 level which are applicable to the major in English. English 101 and 102 are prerequisites for all English courses at or above the 200 level. English 201 and 202 are prerequisites for all courses at or above the 300 level.

For the Minor in Communications see page 252 under Interdisciplinary Studies.

Teacher Education Program: Students who major in English can become certified to teach English in secondary schools, grades 9-12. Requirements include admission to, and successful completion of, an approved teacher education program. After declaration of a major in English, students interested in teacher certification must contact the coordinator of certification and student teaching, School of Education, 9 College Way, for complete details about the program.

Humanities Requirements: The following English courses are among those courses that satisfy the humanities requirements: English 201, 202, 203, 204, 205, 206, 212, 240, 290, 301, 302, 304, 306, 307, 311, 312, 313, 314, 317, 318, 319, 320, 321, 323, 325, 327, 328, 335, 336, 337, 338, 340, 341, 342, 343, 344, 345, 350, 360, 370, 390, and 400.

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ENGLISH COURSES

English 101 and 102 are prerequisites for all English courses at or above the 200 level.

- 090 Basic Writing Skills (3)**
A rigorous study of the fundamentals of standard English grammar and of the formulation of grammatical sentences, leading to the writing of the paragraph. Credit hours for this course will not be applied toward degree requirements.
- 101 Composition and Literature (3)**
A study of expository and argumentative writing. Composition stresses organization, coherence, structure, mechanics, and the fundamentals of research. Essays and short stories are used for stylistic analysis and composition topics.
- 102 Composition and Literature (3)**
Continued study of expository and argumentative writing and of the preparation and writing of research papers. Plays and poetry are used for composition topics.
Prerequisite: English 101.
- 104 Public Speaking (3)**
The fundamentals of oral communication as they pertain to public speaking. An introduction to the techniques and skills involved in preparing and delivering various types of speeches. Attention is given to voice, diction, and platform presence.
- 201 Major British Writers (3)**
Intensive study of major works of representative authors, including Chaucer, Shakespeare, Milton, Swift, and Pope. Emphasis on close reading and analysis rather than on literary history. Lectures on intellectual background.
- 202 Major British Writers (3)**
Intensive study of major works of representative authors, including Wordsworth, Coleridge, Keats, Tennyson, Browning, Yeats, Eliot, and one 19th or 20th century novel. Emphasis on close reading and analysis rather than on literary history. Lectures on intellectual background.

- 203** **Survey of European Literature (3)**
A survey of the literature of Europe in English translation (exclusive of British literature) from ancient Greek through the Renaissance.
- 204** **Survey of European Literature (3)**
A survey of the literature of Europe in English translation (exclusive of British literature) from neoclassicism through the 20th century.
- 205** **American Literature to 1865 (3)**
A survey of American literature from the beginning to the Civil War.
- 206** **American Literature, 1865 to the Present (3)**
A survey of American literature from the Civil War to the present.
- 211** **Oral Interpretation (3)**
A study of the form and content of poetry and prose literature as they affect the performance of the oral interpreter.
- 212** **The Cinema: History and Criticism (3)**
An introduction to the critical appreciation and history of the motion picture, with special emphasis upon the place of the film within the liberal arts, dealing generally with the types and forms of the feature film, its background and development, and aiming to create an increased critical awareness of the basic elements of the filmmaker's art.
- 213** **Debate (3)**
Development of skill in investigative techniques and in logical reasoning in questions of public concern; the presentation of sound evidence in advocating policies; a study of the principles of controlling (influencing) the beliefs of individuals and groups.
Prerequisite: English 104 or permission of the instructor.
- 214** **Mass Media (3)**
The social, economic, and political roles of newspapers, magazines, radio, and television, with emphasis on their development, function, ethics, and legal restraints. An in-

ENGLISH

introductory course for those considering journalism as a career and those interested as critical readers.

Prerequisites: English 101 and 102.

215 Interdisciplinary Composition (3)

A course in writing strategies and skills, suitable for non-majors. Topics are interdisciplinary, with application to business and technical writing, the social and natural sciences, and the humanities.

Prerequisites: English 101 and 102.

220 Poetry Writing I (3)

A workshop examining the careful use of language in poetry, designed to help students gain insight into their own writing and the craftsmanship of other poets (open to beginners and experienced writers).

Prerequisites: English 101 and 102.

221 Poetry Writing II (3)

A continuation of English 220.

Prerequisite: English 220 or permission of the instructor.

223 Writing Fiction (3)

A workshop for new writers wishing to establish and enhance basic skills in the writing of short fiction—points-of-view, characterization, dialogue, setting, etc. Equal attention will be given to stories turned in for critique and to the development of the student's critical skills.

Prerequisites: English 101 and 102.

224 Advanced Fiction Writing (3)

This workshop will take a more critical look not only at student works but at selected classic and contemporary short-story collections. Students will subscribe to a literary journal of their choice. Some attention will be given to proper manuscript preparation in anticipation of submitting for publication.

Prerequisites: English 101, 102, and 223, or consent of instructor.

- 230 Writing for the Mass Media (3)**
Study of and practice in the fundamentals of news, feature, and editorial writing. Interviewing techniques and various methods of organizing and gathering the news are emphasized, along with the successful completion of writing assignments.
Prerequisite: English 214 or permission of instructor.
- 240 Science Fiction (3)**
An introduction to the main themes and issues of science fiction, including both "hard" or technologically oriented science fiction (time problems, robots, alien life forms, clones) and "soft" or socially oriented science fiction (conditioning, new forms of family and government, questions of gender and sexuality).
Prerequisites: English 101 and 102
- 285 Basic Photojournalism (3)**
Basic principles and practices of black-and-white photography, developing, and printing are studied under a variety of circumstances, emphasizing creative visual communication techniques for newspapers and magazines. Lectures, three hours per week.
Prerequisites: English 214 and permission of the instructor. Students must furnish their own 35 mm cameras, film and paper. Lab fee.
- 290 Special Topics**
An examination of a selected topic, designed to supplement or to investigate more fully offerings in the English curriculum. Choice of topics will reflect both student and faculty interest.
- 295 Special Topics in Communications (3,3)**
Special topics in written communications, oral communications, and media studies. (Students may receive no more than six hours of credit for this course; credits for this course may not be applied toward the English major.)
Prerequisite: ENGL 214 or permission of the instructor

ENGLISH

- 301 **Shakespeare: The Early Period (3)**
- 302 **Shakespeare: The Later Period (3)**
- 303 **Modern English Grammar (3)**
A study of grammatical analyses, with emphasis upon transformational-generative grammar.
- 304 **Chaucer (3)**
Selections from his major poetical works in the original.
- 305 **Advanced Composition (3)**
A study of the theory and principles of composition and the application of these principles in the student's own writing.
- 306 **Milton (3)**
The poetry and selected prose of John Milton.
- 307 **Introduction to Old English (3)**
An introduction to the Old English language with selected readings of prose and poetry from the 7th through the 11th century, and the epic poem Beowulf in translation.
- 311 **Middle-English Literature: Non-Chaucerian (3)**
- 312 **History of the English Language (3)**
The history and development of the English language, tracing its descent from prehistoric Indo-European to modern English, with attention especially to phonology, morphology and vocabulary.
- 313 **Afro-American Literature (3)**
A survey of Afro-American literature from the mid-18th century to the present.
- 314 **Non-Dramatic Literature of the Renaissance (3)**
A study of poetry and prose of 16th century Britain, with emphasis on political and ethical backgrounds and the poetry of Spenser.
- 317 **The Seventeenth Century (3)**
A study of poetry and prose of 17th century Britain; Donne,

Herbert, Marvell, Bacon, Browne, Hobbes, Locke.

- 318 The Eighteenth Century (3)**
A study of poetry and prose of 18th century Britain.
- 319 Literary Criticism (3)**
Major critical approaches to literature, in theory and practice, from Aristotle to the present.
- 320 Literature for Adolescents (3)**
A critical study of literature relevant to the adolescent, incorporating major literary genres and appropriate media.
- 321 The Romantic Period (3)**
A reading of six poets: Blake, Wordsworth, Coleridge, Byron, Shelley, and Keats.
- 323 The Victorian Period (3)**
A reading of major 19th century British poets from 1830 to 1900, including Tennyson, Browning, Arnold, and the Pre-Raphaelites, with selections from the prose of Carlyle, John Stuart Mill, Ruskin, Pater, and others.
- 325 Twentieth Century British Literature (3)**
A study of representative writers of the period such as Conrad, Joyce, Woolf, Auden, D.H. Lawrence, and Shaw.
- 327 The British Novel: I (3)**
A study of the major British novelists of the 18th century.
- 328 The British Novel: II (3)**
A study of the major British novelists of the 19th century.
- 332 Business Communications (3)**
This course includes communication theory (oral and written) and the application of theory to oral presentations and to writing letters, memoranda, and reports. Credits for this course may not be applied toward the English major.
- 335 Modern Poetry (3)**
A study of the specific nature and development of 20th century British and American poetry, limited to selected

major figures: Yeats, Eliot, Pound, Hopkins, Frost, Stevens, and Thomas.

- 336 Women Writers (3)**
Study of a representative selection of women's fiction, poetry, and drama, focusing on questions of women's styles, preferred genres, and place in the literary tradition. Readings may vary from year to year.
- 337 British Drama to 1642 (3)**
A study of selected plays from the medieval beginnings of British drama to the closing of the theatres in 1642, Shakespearean plays excluded.
- 338 Modern Drama (3)**
A study of the significant developments in British and American drama from Shaw to the Theatre of the Absurd.
- 339 Advanced Creative Writing (3)**
Prerequisites: English 220, 221 or 223, 224, and permission of the instructor.
- 340 Restoration and Eighteenth Century Drama (3)**
British drama from the reopening of the theatres in 1660 to the end of the 18th century.
- 341 Twentieth Century Southern Literature (3)**
A study of representative writers of the period, such as Faulkner, O'Connor, Welty, and Warren.
- 342 Colonial and Revolutionary American Literature (3)**
Intensive study of major writers of the period.
- 343 Nineteenth Century American Literature I (3)**
Intensive study of major writers of the first half of the century.
- 344 Nineteenth Century American Literature, II (3)**
Intensive study of major writers of the last half of the century.

- 345 **Twentieth Century American Literature (3)**
Intensive study of major writers since 1900.
- 347 **Writing the Novel (3, 3)**
348 A two-semester course for writers with motivation, ambition, and vision necessary to sustain an extended work of fiction. Taught both as a workshop and in private conferences. Students will complete and revise 50 pages of a proposed novel in the first semester, an additional 50-75 pages in the second.
Prerequisites: English 101, 102, either 223 or 224, and consent of the instructor.
- 350 **Major Authors (3,3)**
An intensive study of one or two major British or American writers. (Students may receive no more than six hours credit for this course.)
- 360 **Major Literary Themes (3,3)**
A thorough investigation of a theme or topic of central importance in British or American literature. (Students may receive no more than six hours credit for this course.)
- 370 **Major Literary Genres (3,3)**
A detailed examination of a significant literary form or type. (Students may receive no more than six hours credit for this course.)
- 375 **Editing (3)**
Principles, concepts, and practice of news and magazine editing, including copy reading, headline writing, makeup and design of pages, picture-editing techniques, and effective use of graphics and typography. Credits for this course may not be applied toward the English major.
Prerequisite: English 230 or permission of instructor.
- 380 **Studies in Communication (3,3)**
Special studies in oral communication, written communication or print, and broadcast journalism. (Students may receive no more than six hours credit for this course; credits for this course may not be applied toward the English major.)

Prerequisite: Permission of the instructor.

- 385 Advanced Photojournalism (3)**
Principles and practices of advanced photojournalism for newspapers and magazines. Emphasis is on creative vision and using advanced camera and darkroom techniques. Visually oriented ideas are developed into photo essays and features. Credits for this course may not be applied toward the English major.
Prerequisite: English 285 or permission of the instructor.
Lab fee.
- 390 Studies in Film (3,3)**
A detailed study of a film maker, topic, or genre. (Students may receive no more than six hours credit for this course; credits for this course may not be applied toward the English major.)
Prerequisite: English 212 or permission of the instructor.
- 395 Special Topics (3)**
Subjects to be announced as offered.
- 399 Tutorial (3, repeatable up to 12)**
Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).
Prerequisite: Junior standing, plus permission of the tutor and the department chair.
- 400 Seminar (3)**
A detailed study of an author, topic, or genre. Open to juniors and seniors with permission of the instructor.
- 401 Studies and Problems (3)**
Special studies, developed by visiting lecturers or individual department members, designed to supplement or to investigate more fully offerings in the department. Announcement of the particular subject is made prior to registration for the term in which offered. Offered at the discretion of the department and open to students with permission of the instructor.

- 404 Independent Study (1-3, repeatable up to 12)**
Research in a specified area in consultation with a department member who will guide the work and determine the hours of credit to be allowed. Open to juniors and seniors with permission of the instructor and the department chair. Students may earn no more than six hours of credit toward the English major requirements in this course.
- 405 Independent Study in Communications (3)**
Research in a specified communications area in consultation with a department member who will guide the work and determine the hours of credit. Open to juniors and seniors with permission of the instructor and the department chair. (Students may receive no more than six hours of credit toward the Communications Minor for this course; credits for this course may not be applied toward the English major.)
- 495 Field Internship (1-3)**
Provides the student minoring in communications with practical experience working with communications-related organizations (newspapers, broadcasting stations, public relations firms, advertising agencies, and magazines). Course may be taken more than once, but no more than three credits may be earned. Credits for this course may not be applied toward the English major.
- 499 Bachelor's Essay (6)**
A year-long research and writing project done during the senior year under the close supervision of a tutor from the department. Students must have grade point ratios of 3.25 in the major to qualify and must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A preliminary proposal must be submitted in writing and approved by the departmental Honors Committee prior to registration for the course. Students will confer regularly with their tutor both on the progress of their research (in the first term) and on the drafts of their paper (in the second term). The finished paper will normally be 50 or more pages and will reflect detailed research in the field.

HISTORY

803-792-5711

Clark G. Reynolds, Chair

Distinguished Professor Emeritus

George G. Heltai

Professors

Jung-Fang Tsai, Malcolm Clark, Lee Drago, Michael Finefrock
James Hagy, Wayne Jordan, Peter McCandless, Clark G. Reynolds

Associate Professors

Alpha Bah, Rosemary Brana-Shute, George Hopkins, Stuart Knee
Amy McCandless, John Newell

Assistant Professors

Richard Bodek, David Cohen
William Olejniczak, Randy Sparks

Associates in History

John R. Brumgardt, Jane H. Pease
William H. Pease, Alvin W. Skardon

The study of history provides a unique perspective and understanding of the human condition, past and present. The Department of History's course offerings are geared to meet the needs of majors and non-majors.

The comprehension and examination of history aids in the development of the research, analytical, and communicative skills needed in many fields. Libraries, historical societies, museums, archives, and similar institutions provide career options for the history major, as do careers in government service, journalism, ministry, education, politics, and the theater. A background in history also affords an excellent preparation for either medical or law schools. Furthermore, many businesses hire people with a good background in some area of the humanities such as history.

Humanities Requirements: All history courses except 101 and 102 satisfy the humanities requirements.

Major Requirements: The program leading to the Bachelor of Arts in History consists of at least 30 hours in history (exclusive of History 101 and 102), including a seminar which requires the writing of a research paper (History 410, 420, 430, 440, or 460). Students electing the history major must select or will be assigned a departmental adviser. In consultation with their advisers, students will choose an

area of concentration from among the four listed below, completing a minimum of 15 hours in that area. In addition, students must elect at least three hours in each of the areas other than the one in which they intend to specialize.

Seminars should normally be taken in the student's area of concentration in his or her junior or senior year. Exceptional students who have a particular research interest that cannot be addressed adequately in the research seminars being offered may petition the department to be allowed to satisfy this requirement by completing a senior paper (History 498). Students who are candidates for departmental honors will also write a bachelor's essay (History 499) and complete an additional three hours either in a second research seminar or in Independent Study (History 403) or by writing a senior paper.

AREAS OF CONCENTRATION AND DISTRIBUTION

- I. Western Civilization before 1715:
History 230, 231, 232, 234, 235, 243, 245, 251, 254, 256, 330, 334, 336, 337, 351, 354, 355, and 430.
- II. Europe since 1715:
History 242, 244, 246, 251, 255, 256, 340, 341, 342, 343, 344, 346, 351, 356, 357, 359, and 440.
- III. Asia, Africa, Latin America:
History 230, 262, 263, 272, 273, 276, 277, 282, 283, 286, 287, 360, 377, and 460.
- IV. United States:
History 201, 202, 211, 212, 213, 214, 222, 223, 224, 225, 301, 302, 303, 304, 305, 306, 307, 310, 311, 312, 313, 320, 323, 324, 410, and 420.

NOTE: History 400, 402, 403, 498, and 499 may be counted in any one of the four areas, depending upon the topic of study. Please note that some courses, such as History 230, 251, 256, and 351, appear under two areas and may be counted in either (but not both) for distribution requirements.

Minor in History: A minor in history consists of a minimum of 18 hours (exclusive of History 101 and 102). At least 12 hours must be in one area of concentration, including a research seminar (History 410,

HISTORY

420, 430, 440, or 460), or History 498 (senior paper), or History 403 (independent study, resulting in a seminar-length paper). The remaining six hours (to reach the minimum of 18 hours required) are electives which may be taken in any of the four areas of concentration.

Teacher Education Program: Students who major in history can become certified to teach social studies in secondary schools, grades 9-12. Requirements include admission to, and successful completion of, an approved teacher education program. After declaration of a major in history, students interested in teacher certification must contact the coordinator of certification and student teaching, School of Education, 9 College Way, for complete details about the program.

HISTORY COURSES

History 101 and 102, their equivalents, or permission of the instructor are prerequisites for all history courses at the 200-level and above.

101 The Rise of European Civilization (3)

A survey of the major developments in European history from antiquity to 1715. The course will examine ideas and events which contributed to the rise of Europe and the political, economic, and social institutions which developed in medieval and early modern Europe. Topics will include the Ancient World, the Middle Ages, the Renaissance, the Reformation, the Emergence of National Monarchies, and the Scientific Revolution. **This course must be taken before History 102.**

102 Modern Europe (3)

A survey of European civilization from 1715 to the present. The course will examine the individuals, institutions, and ideas which contributed to the development of modern Europe and to the global spread of Western culture. Topics will include the Enlightenment, the French Revolution, the Industrial Revolution, modern ideological movements, the causes and consequences of the world wars, and contemporary developments.

Prerequisite: History 101.

200 Historiography: Methods of Inquiry in History (3)

A critical study of the nature of history, examining the origins of historical writing, the different theories of historical devel-

opment taken by major philosophers of history, the problems of historical understanding for the would-be historian, and examples of the conflict of opinion over the interpretation of major trends and events.

Prerequisites: History 101 and 102.

201 United States to 1865 (3)

A general and thematic study of the culture, society, and politics of the United States from colonial origins through the Civil War.

Prerequisites: History 101 and 102.

202 United States Since 1865 (3)

A general and thematic study of the culture, society, and politics of the United States from the Civil War to the present.

Prerequisites: History 101 and 102.

211 American Urban History (3)

A survey of urban development from colonial times to the present. This course examines urbanization as a city-building process and its impact on American social, political, and economic life.

Prerequisites: History 101 and 102.

212 American Labor History (3)

The course will offer a survey of the history of American working people from colonial times to the present, with emphasis on workers' responses to industrialization and urbanization and the development of the modern labor movement.

Prerequisites: History 101 and 102.

213 American Jewish History: Colonial Times to the Present (3)

A study of the major events and personalities in American Jewish history since colonial settlement; the wave of Jewish immigration and development of the contemporary Jewish community.

Prerequisites: History 101 and 102.

214 American Ethnic History: 1607 to the Present (3)

American ethnic adjustments and immigration patterns from colonial times to the present. Treated are diverse peoples, the

HISTORY

frontier, urbanization, anti-ethnic responses, and post-1945 trends of ethnic militancy and societal accommodation.

Prerequisites: History 101 and 102.

222 History of South Carolina (3)

South Carolina from the colonial period to the present. Topics discussed include plantation slavery, Southern nationalism, pro-slavery ideology, the nullification crisis, the secessionist movement and the Civil War, the disintegration of slavery and the transition to a free labor economy, regional diversification, and the slow process of modernization that continued throughout the 20th century.

Prerequisites: History 101 and 102.

223 Afro-American History (3)

An introduction to the history of black Americans in the United States, with emphasis on the social forces underlying transitions from West Africa to the New World, from slavery to freedom, and from rural to urban life. Topics to be discussed include the Atlantic slave trade, American slave societies, maroon communities, free blacks in the antebellum United States, Reconstruction and free labor, colonization, emigration, and urban migrations.

Prerequisites: History 101 and 102.

224 History of the South to 1865 (3)

A study of the origins of plantation slavery, the emergence of mature plantation society with a distinctive ideology and culture, the causes of the Civil War, and the early stages of emancipation.

Prerequisites: History 101 and 102.

225 History of the South Since 1865 (3)

A study of the transition from slave to free-labor society, the emergence of sharecropping, agrarian movements, the rise of segregation, the collapse of the plantation system, and the modernization of Southern society since 1940.

Prerequisites: History 101 and 102.

230 Ancient Egypt and Mesopotamia (3)

A study of the ancient peoples and cultures of the Near East with emphasis on the Egyptians, Sumerians, and Babylonians.

Prerequisites: History 101 and 102.

231 Ancient Greece (3)

Greek civilization from its beginnings to Alexander the Great. Emphasis on political, economic, social, and intellectual movements.

Prerequisites: History 101 and 102.

232 Ancient Rome (3)

Roman history from its beginning until the Age of Constantine. Emphasis on political and social developments in the Republic and the early empire.

Prerequisites: History 101 and 102.

234 Early Middle Ages (3)

An examination of the ways of life and thought in the formation of Western society from A.D. 300 to A.D. 1100. Topics will include the fall of Rome, the rise of Christianity, the Barbarian invasions, Charlemagne, the Vikings, and the Investiture Controversy.

Prerequisites: History 101 and 102.

235 High Middle Ages (3)

An examination of the culture and society of Western Europe in town and countryside during the flowering of the Middle Ages. Topics will include the Crusades, the rise of towns, feudal monarchy, monasteries and cathedrals, the rise of universities, and the changing role of laity, women, and heretics.

Prerequisites: History 101 and 102.

242 History of Modern France (3)

French Revolution and Napoleon; autocracy, constitutionalism, and revolution; development of the French Empire; establishment of the Third Republic; World War I and World War II; Fourth Republic, DeGaulle, and the Fifth Republic.

Prerequisites: History 101 and 102.

243 History of Germany to 1815 (3)

Political, social, and cultural development of Central Europe from the Middle Ages to the end of the Napoleonic Wars. Topics include the evolution of the Holy Roman Empire, the

HISTORY

Reformation, the Wars of Religion, the rise of Austria and Prussia, the Germanies, the impact of the French Revolution and Napoleon on Central Europe.
Prerequisites: History 101 and 102.

244 History of Germany Since 1815 (3)

Political, social, and cultural development of Central Europe from the Congress of Vienna to the contemporary period. Reaction and revolution, the rise of nationalism and liberalism, German modernization and unification, evolution of the Hapsburg lands, the Second Reich, Weimar, the Nazi regime, divided Germany, and the post-war world.
Prerequisites: History 101 and 102.

245 Tsarist Russia to 1796 (3)

Kiev, the Mongol Invasions, and the rise of Muscovy. The development of Russian culture, society, and politics from Ivan the Terrible through the reigns of Peter the Great, with emphasis on the themes of orthodoxy, autocracy, and serfdom.
Prerequisites: History 101 and 102.

246 Imperial Russia to 1917 (3)

Nineteenth-century Russian politics, literature, and society from Catherine the Great to Nicholas and Alexandra, with emphasis on the themes of nationalism, imperialism, populism, socialism, and economic backwardness.
Prerequisites: History 101 and 102.

251 The Cosmos in History (3)

Humankind's efforts to create order out of the physical universe through the cosmological syntheses of prehistory, the ancient world, the modern era, and the Space Age, utilizing astronomy, religion, philosophy, and the impulses to explore and fly.
Prerequisites: History 101 and 102.

254 History of England to the 18th Century (3)

A study of society, politics, and culture in medieval and early modern England.
Prerequisites: History 101 and 102.

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- 255 History of England Since the 18th Century (3)**
A study of society, politics, and culture in modern England.
Prerequisites: History 101 and 102.
- 256 History of Science and Technology (3)**
An introduction to the major scientific and technological developments in Western Civilization from the ancient world to the present with an emphasis on the development of the scientific method, the Scientific Revolution, the Industrial Revolution and mechanization, and the historical interplay between science, technology, society and thought.
Prerequisites: History 101 and 102.
- 262 Colonial Latin America (3)**
A survey of Spanish and Portuguese colonial America to 1825. Topics include native populations on the eve of conquest; exploration and conquest by Europeans; the development of multiracial societies; the colonial economies; the institutions of Ibero-American empires; the social, economic, and intellectual roots of revolution; independence movements.
Prerequisites: History 101 and 102.
- 263 Latin America in the National Period (3)**
A survey of Spanish and Portuguese America since the wars for independence. Topics include the aftermath of the independence movements, incorporation into the international economy, changing social organization, race relations, the search for political stability, the role of the military, 20th century revolutionary movements, intellectual and cultural trends, and the debt crisis.
Prerequisites: History 101 and 102.
- 272 Pre-Colonial Africa (3)**
An introduction to the pre-colonial history of sub-Saharan Africa. Special attention will be focused on the growth of Islam in West Africa, the East African city-states and kingdoms, and the upheaval in 19th century southern Africa. African slavery and the slave trade also will be considered.
Prerequisites: History 101 and 102.
- 273 Modern Africa (3)**
A history of the development of Africa during the modern

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period, including European penetration, the Colonial era, African resistance and independence, and contemporary issues.

Prerequisites: History 101 and 102.

276 Medieval Islamic Civilization (3)

The prophet Muhammad and rise of Islam, its institutions, doctrines, politics, and cultural achievements. Decline of the Arab Muslim Empire and Caliphate, the Mongol invasions and development of separate Mamluk, Persian, and Turkish states.

Prerequisites: History 101 and 102.

277 The Modern Middle East (3)

Tradition, modernization, and change in the contemporary Islamic world. The impact of nationalism, secularism, and Westernization in the Middle East, from the disintegration of the Ottoman Empire and emergence of successor states, to the Arab-Israeli conflict, the oil crisis, and Great Power confrontation.

Prerequisites: History 101 and 102.

282 History of China to 1800 (3)

A general survey of political, economic, social, and intellectual developments in China from the earliest times to 1800.

Prerequisites: History 101 and 102.

283 History of Modern China (3)

A study of Chinese history from 1800 to the present, emphasizing the transformation of the Confucian empire into a modern national state. Topics include imperialism, nationalism, revolution, communism, and the Four Modernizations.

Prerequisites: History 101 and 102.

286 History of Japan to 1800 (3)

A survey of political, economic, and cultural developments in Japan from the earliest times to 1800, with emphasis on the borrowing and adaptation of Chinese culture and the development of a unique Japanese civilization.

Prerequisites: History 101 and 102.

- 287 History of Modern Japan (3)**
A study of modern Japanese history from 1800 to the present. Topics include the creation of the modern state, Westernization, liberalism, Taisho democracy, militarism, imperialist wars and expansion, and post-war transformation.
Prerequisites: History 101 and 102.
- 301 Colonial America, 1585-1763 (3)**
The European background; the founding of the colonies; the growth of economic, social, and political institutions; the roots of American intellectual development; the colonies within the British imperial system.
Prerequisites: History 101 and 102.
- 302 Era of the American Revolution, 1763-1800 (3)**
Imperial policy redefined; the ideas and grievances that led to American independence; the problems of the Confederation; the formation of the federal union; the emergence of political parties.
Prerequisites: History 101 and 102.
- 303 History of the United States: The Young Republic, 1800-1845 (3)**
The origin of American political parties, the War of 1812, nationalism, "The Era of the Common Man," reform movements, Manifest Destiny, slavery, and sectionalism.
Prerequisites: History 101 and 102.
- 304 History of the United States: The Civil War and Reconstruction, 1845-1877 (3)**
The growth of sectional antagonisms; the causes of the war; the politicians and military leadership during the war; the Reconstruction period.
Prerequisites: History 101 and 102.
- 305 United States: The History of the Response to Industrialism, 1877-1918 (3)**
The rise of corporate capitalism; the labor movement; populism; progressivism; urbanization; the new immigration; "Jim Crow" legislation; and America's entry into World War I.
Prerequisites: History 101 and 102.

HISTORY

- 306 History of the United States: Affluence and Adversity, 1918-1945 (3)**
Domestic impact of World War I; Versailles Treaty and League of Nations; the Red Scare; Republican Normalcy; social tensions and cultural conflicts in the 1920s; the Great Depression; Roosevelt and the New Deal; World War II.
Prerequisites: History 101 and 102.
- 307 History of the United States: Cold War America, 1945- Present (3)**
The Cold War; McCarthyism; growth of the Guarantor State and presidential power from Truman to Nixon; social tensions; from civil rights to Black Power, from feminine mystique to women's liberation; the Indochina War; the New Left and the New Nixon; Watergate; Ford, Carter, and Reagan.
Prerequisites: History 101 and 102.
- 310 Special Topics in U.S. History**
Intensive examination of a specific topic in the history of the United States. Specific topic will be listed with the course when offered.
Prerequisites: History 101 and 102.
- 311 Diplomatic History of the United States, 1776-1898 (3)**
The foundations of American foreign policy; tendencies toward isolation and expansion; disputes with foreign countries and their settlement; and the activities of American diplomatic representatives.
Prerequisites: History 101 and 102.
- 312 Diplomatic History of the United States Since 1898 (3)**
The emergence of America as a world power; the persistence of isolationist sentiment; the diplomacy of the world wars; and the commitment to the Atlantic Community and the other forms of collective security.
Prerequisites: History 101 and 102.
- 313 Strategic History of the United States (3)**
The history of American strategy-making, in peacetime and war, from colonial times to the present, interrelating political, diplomatic, and economic aspects but with special emphasis on the role of the military in strategic planning since 1900.

Prerequisites: History 101 and 102.

320 Special Topics in Low Country History

Intensive examination of a specific topic in the history of the Low Country (the tidewater and the adjacent islands between Winyah Bay and Florida). The course will consider the European, African, and Caribbean components of Low Country culture. Specific topic will be listed with the course title when offered.

Prerequisite: History 101 and 102; Permission of the instructor.

323 Society and Culture of Early Charleston (3)

Topics in American social history studied through a focus on society and culture in 18th and early 19th century Charleston. Topics include immigrant groups, demography, mortality, economic and social structure, urban and plantation life, slavery, the role of women, education, religion, fine arts, architecture, and decorative arts.

Prerequisites: History 101 and 102 or permission of the instructor.

324 Charleston Through Oral History (3)

Post-Reconstruction Charleston and Low Country history, life, and culture. Because of the paucity of available secondary sources on Charleston since Reconstruction, focus is on recovering Charleston's modern history through oral history methodology aided by newspapers and other documentary sources. The course will attempt to place Charleston's historical experience in the context of state, regional, and national events.

Prerequisites: History 101 and 102.

330 Special Topics in European History Before 1715

Intensive examination of a specific topic in the history of ancient, medieval, or early modern Europe. Specific topic will be listed with the course title when offered.

Prerequisites: History 101 and 102.

334 European Social History to 1800 (3)

A study of material life, social conditions and elite and popular mentalities in Europe. Specific topics and time-period will

HISTORY

be designated by the instructor.
Prerequisites: History 101 and 102.

336 Italian Renaissance (3)

An examination of the cultural, social, and political developments of the Renaissance in Italy and its impact on the rest of Europe. Topics will include the Italian city-states, despots and republics, humanism from Petrarch to Machiavelli, Papal Rome, and Renaissance art and architecture.

Prerequisites: History 101 and 102.

337 The Age of Reformation (3)

An examination of Western Europe in the time of the Reformation. Topics will include the background of medieval thought and piety, Northern Humanism, the major Protestant and Catholic Reform movements, and the social impact of the Reformation.

Prerequisites: History 101 and 102.

340 Special Topics in European History Since 1715

Intensive examination of a specific topic in the history of modern Europe. Specific topic will be listed with the course title when offered.

Prerequisites: History 101 and 102.

341 Age of Enlightenment and Revolution (3)

The major social, political, and cultural changes in Europe from the death of Louis XIV to the fall of Napoleon. Special emphasis on the intellectual history of the enlightenment.

Prerequisites: History 101 and 102.

342 Europe, 1870-1939 (3)

Political, social, cultural, and diplomatic history of Europe from the unification of Germany to the outbreak of World War II.

Prerequisites: History 101 and 102.

343 Europe Since 1939 (3)

Political, social, economic, and cultural impact of National Socialism and war, resistance and liberation; restoration and reconstruction; influence of the United States and the Soviet Union; cold war, European unification movement, and poly-

centrism. Changing relations with Africa and Asia. Social and cultural changes.

Prerequisites: History 101 and 102.

346 History of the Soviet Union

An examination of the political, social, and cultural developments in Russia from the eve of the Revolution to the present day. Topics will include the Bolshevik Revolution, Lenin and Russian Communism, Stalinization, the Cold War, and *Glasnost*.

Prerequisites: History 101 and 102.

351 Women in the Western World (3)

An examination of the ideas, institutions, and events in Western civilization that specifically affected women. Lectures and readings will be organized topically rather than geographically or chronologically. Areas to be examined include religion, education, sex and marriage, the family, work, and the feminist and suffragist movements.

Prerequisites: History 101 and 102.

354 Tudor England, 1485-1603 (3)

A survey of political, economic, and social developments in England from 1485 to 1603. Areas of concentration will include the Wars of the Roses, the Reformation, and the English Renaissance.

Prerequisites: History 101 and 102.

355 Stuart England, 1603-1714 (3)

A survey of Stuart society and politics. Topics will include major political developments such as the English Civil War, Restoration, and the Glorious Revolution; the philosophical and literary works of Locke, Hobbes, Dryden, and Milton; the relationship between Protestantism and capitalism; the emergence of the modern family; cultural developments in theatre, music, and architecture.

Prerequisites: History 101 and 102.

356 Georgian England (3)

A study of the interrelationships of society, politics, and culture in eighteenth-century England.

Prerequisite: History 101, 102, and 255 or permission of instructor.

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- 357 Victorian Britain (3)**
A social and cultural history of Britain at the peak of its power and influence.
Prerequisite: History 101, 102, and 255 or permission of instructor.
- 359 Modern Jewish History: French Revolution to the Present (3)**
Developments in Jewish civilization from 1789 to the present. Topics include societal, economic, intellectual, cultural, political, and diplomatic developments. Treated in this course are international communities, including Israel, remnant communities in the Arab world, Latin America, North and South Africa, Europe, and the United States.
Prerequisites: History 101 and 102.
- 360 Special Topics in Asia, Africa, and Latin America (3)**
Intensive examination of a specific topic in the history of the Asia, Africa, or Latin America. Specific topic will be listed with the course title when offered.
Prerequisites: History 101 and 102.
- 377 Iran/Persia: From Cyrus to Ayatollah Khomeini (3)**
A survey of the evolution of Persian religion, culture, society, and institutions, from ancient Achaemenid civilization to the release of the American hostages. Topics examined will include Zoroastrianism, Shi'ism, Surfism, Bahaism, nationalism, OPEC, the Shah, and the Islamic Revolution.
Prerequisites: History 101 and 102.
- 400 Seminar**
A topical seminar focused around a central historical problem.
Prerequisites: History 101 and 102.
- 402 Tutorial (3, repeatable up to 12)**
Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).
Prerequisite: History 101, 102; Junior standing, plus permission of the tutor and the department chair.

- 403 Reading and Independent Study in History (3)**
Designed primarily for the student whose interest has been aroused in a particular topic or field. This independent study may take the direction of producing a research paper, of reading a number of books and discussing them on a regular basis with the professor, of reading a number of books and writing critical reviews of them, etc. The amount of reading or the nature of the project will be agreed to by the student and the professor.
Prerequisites: History 101, 102; Permission of the instructor and the department chair.
- 410 Research Seminar in U.S. History**
A topical seminar focused around a central historical problem in U.S. history with a major research paper required. Specific topic will be listed with the course title when offered.
Prerequisite: History 101, 102; Permission of the instructor.
- 420 Research Seminar in Low Country History**
A topical seminar focused around a central historical problem in the history of the Low Country (the tidewater and the adjacent islands between Winyah Bay and Florida). The course will consider the European, African, and Caribbean components of Low Country culture. Specific topic will be listed with the course title when offered.
Prerequisite: History 101, 102; Permission of the instructor.
- 430 Research Seminar in European History Before 1715**
A topical seminar focused around a central historical problem in the history of Europe before 1715 with a major research paper required. Specific topic will be listed with the course title when offered.
Prerequisite: History 101, 102; Permission of the instructor.
- 440 Research Seminar in European History Since 1715**
A topical seminar focused around a central historical problem in the history of Europe since 1715 with a major research paper required. Specific topic will be listed with the course title when offered.
Prerequisite: History 101, 102; Permission of the instructor.

- 460 Research Seminar in Asia, Africa, and Latin America**
A topical seminar focused around a central historical problem in the history of Asia, Africa, or Latin America with a major research paper required. Specific topic will be listed with the course title when offered.
Prerequisite: History 101, 102; Permission of the instructor.
- 496 Field Internship (3)**
A field internship is designed to provide the advanced student with the opportunity to pursue a research topic in the context of an experiential learning situation—in a historical organization or foundation in the Tri-county area.
Prerequisites: Junior or senior students in good academic standing, permission of the instructor; HIST 101, 102.
- 498 Senior Paper (3)**
The Senior Paper is intended for the exceptional student who has a well thought out research topic, and it may be taken only with prior approval of the History Department. At least one month before the end of the semester prior to the semester in which the paper is to be written, the student must select a topic and obtain approval of that topic from a professor willing to direct the paper. The student must then petition the department for the right to register for the course and have that petition approved by department. The Senior Paper may be directed by any member of the department. Another member of the department will serve as second reader. A copy of the paper will be kept in the department office. Other prerequisite: History 101, 102.
- 499 Bachelor's Essay (3)**
Independent research for students who are candidates for departmental honors.
Prerequisite: History 101, 102; Permission of the department. Students must apply to the department chair.

INTERNATIONAL STUDIES

Thomas Palmer, Director

803-792-5724

The International Studies minor is an elective program which provides a structured course of study designed to acquaint students with the international community and its problems. In an increasingly interdependent world it seems especially important that undergraduate education provide the means to understand the political, economic, and social nature of other cultures, peoples, and nations. Through the International Studies Program students as early as the freshman year can take appropriate classes toward this goal.

Completion of this minor course of studies poses many academic advantages for the student and, in addition, will provide an important background for individuals planning internationally oriented careers in government, private enterprise or non-governmental institutions.

Requirements for International Studies Minor: The International Studies minor requires completion of at least 18 semester hours of study: nine of these hours consist of required courses—International Studies 100 (Global Issues) and International Studies 200 (Comparative Worlds); Study in Third World Development; and Political Science 261 (International Relations—Theories and Concepts). The remaining hours required for the minor are elective in nature and are directed toward a specific field of study, for example, Soviet Studies or Middle East Studies. Determination of elective courses is made by consultation between the student and members of the international studies staff.

International Studies Curriculum: The following courses represent the international studies curriculum at the College. These courses may be taken by students enrolled in the minor or as elective courses by other students.

100 Global Issues (3)

A basic interdisciplinary survey course of the world and its current problems and issues. The themes of the course are: Man and His Environment, Evolution of the International Community, and Contemporary Issues. This course is usually team-taught in order to bring varied expertise and points of view to the student. International Studies 100 is open to all students, but is primarily for freshmen. This course is cross-listed as Political Science 103.

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- 200 Comparative Worlds: Study in Third World Development (3)**
An interdisciplinary course with its focus on the Third World and the problems involved in the efforts of those countries to modernize and develop. Emphasis also will be on the comparative approach involving the use of area case studies. The course is open to all students, but is designed primarily for sophomores and juniors. This course is cross-listed as Political Science 200.
- 300 Special Topics in International Studies (3)**
This course deals on an interdisciplinary basis with specially selected topics in international studies. Formulation of the topic will reflect both student and faculty interest.
- 350 Major Issues in Global Affairs (2)**
This course will take an interdisciplinary approach to studying the origins, current dilemmas, and future trends of major issues confronting the world community. The course will be divided into two parts: first, general issues such as population, food, resource scarcity, and eco-politics; second, the interrelation of those issues in major regions of the world. This course is cross-listed as Political Science 355.

AMERICAN STUDIES

George W. Hopkins, Coordinator
803-792-5711

An interdisciplinary minor in American Studies is available to students interested in a guided exploration of American culture and society. By focusing on the interplay of American arts, literature, philosophy, and social sciences within historical contexts, American Studies students will gain a more integrated and coherent awareness of the complexity and diversity of the American experience.

The 18-hour minor in American Studies consists of (1) American Studies 200, an introductory, interdisciplinary, team-taught overview of American culture and society. (2) Twelve hours of related courses in English, fine arts, history, philosophy, and social sciences. No more than six hours are permitted in any one discipline. Students will select these related courses in consultation with the American Studies Coordinator to ensure a coherent focus of study. (3) American Studies 400, an interdisciplinary seminar which focuses on a particular historical period and/or a central theme of American Studies. Success-

INTERDISCIPLINARY STUDIES

ful completion of an American Studies minor must be certified by the American Studies Coordinator. That certification will be designated on the student's transcript.

The prerequisites for student participation in American Studies are English 101 and 102.

200 Introduction to American Studies (3)

An integrated and interdisciplinary study which relates a broad range of American culture—arts, literature, and philosophy, formal and popular—to the specific historical experiences of this country's development from the colonial era to the present.

The first week of this interdisciplinary, team-taught course will be spent on discussion of the concept and methodology of American Studies. The balance of the course will be used to explore six major themes (Natural Environment/Frontier, People/Immigration, Constitutional Government Urbanization/Industrialization, the American Dream, America and the World) during specific historical periods (pre-European-1763; 1763-1800; 1800-1877; 1877-1917; 1917-Present).

Prerequisites: English 101, 102.

NOTE: Enrolling in American Studies 200 does not obligate a student to complete a minor in American Studies.

400 Seminar in American Studies (3)

This interdisciplinary seminar will apply the perspectives of the humanities and the social sciences in an intensive investigation of a particular period and/or central theme of American Studies. The instructor will select the semester's topic in consultation with colleagues in the program. Examples of topics are "The Great Depression of the 1930s" and the "American Dream: Past and Present." Regardless of the topic, the seminar's purpose always will be the same: an in-depth analysis of an important aspect of American culture and society.

Prerequisites: American Studies 200 and at least one 200- or 300-level course in American literature, arts, history, and social science, or permission of instructor. The social science requirement will be waived for students pursuing a humanities "cluster" in American Studies.

JEWISH STUDIES

Stuart Knee, Coordinator

803-792-5711

The Jewish Studies minor is an 18-credit interdisciplinary program with required course work in history and philosophy/religion. Electives may be chosen from many fields, including English, political science, languages, and sociology/anthropology. Students will select courses with and have their minor approved by the Jewish Studies director. Upon completion of the requisite course work, including a three-credit research and writing project culminating in an essay of high quality, the Jewish Studies minor will be certified on the student's transcript by the program director.

There exists within the Jewish Studies program a unique opportunity for students to be challenged inside and outside the classroom. Language instruction in both Hebrew and Yiddish is available in the Self-Instructional Languages (SIL) Program; honors seminars on the holocaust, upper-level offerings on the vision of American Jewish writers, and archeological digs in Israel will be added; and research opportunities in Southern Jewish life abound.

Further information about the program is available from the director of Jewish Studies, Department of History, College of Charleston.

COMMUNICATIONS

Greg Schmitt

803-792-5664

The College offers a 21-hour interdisciplinary concentration in communications combining concepts and theories with broad-based practice in written, oral and visual skills.

The objectives of the minor in communications program are to:

- 1) Provide students with an understanding, as critical consumers, of the scope and consequences of communications in society—understanding, evaluating, and contributing intelligently to the operation and development of media in contemporary culture, with special emphasis on the role of a free and responsible media, and on the patterns and significance of the international flow of information.
- 2) Provide students with the opportunity to develop practical skills in communications—writing, speaking, and critical

thinking—thus preparing for careers in the mass media, business, teaching, government, law, and in general service to their communities.

3) Provide students with a firm foundation in the research methods and theoretical literature in communications studies, thus preparing students for lifelong learning and possibly for graduate study in communications.

Students are requested to declare their communications minor as early as possible so that they may be assigned a departmental advisor and establish the sequence of courses that will best suit their needs for the future.

For further information, contact the English Department, College of Charleston, Charleston, S.C. 29424, (803) 792-5664.

WOMEN'S STUDIES

803-792-5770

Women's Studies is a relatively new and growing interdisciplinary field of scholarship devoted to the study of women and gender in different cultures and time periods. There are now more than 500 Women's Studies programs at colleges and universities across the nation, including at least 64 master's programs and 25 doctoral programs.

Women's Studies courses serve both female and male students by enabling them to become more aware of gender roles and relations, women's cultural contributions, the social, political, and economic status of women, the intersection of race, class, and gender issues, and theoretical concerns about the relation of gender to knowledge. The minor in Women's Studies provides students with an opportunity to explore new areas of research and to integrate their humanities and social science course work by focusing on issues related to women and gender.

What are the distinctive features of Women's Studies?

1) Women's Studies is an interdisciplinary field in two senses. First, Women's Studies scholars work from within the various academic disciplines. Because they apply the analytic tools of different disciplines in studying women, the content, style, and focus of Women's Studies reflects the diversity of academic disciplines. Second, although their research typically bears the stamp of a particular discipline, Women's Studies scholars attempt to escape disciplinary

boundaries both by drawing on research outside their own discipline and by constructing new analytical tools and themes that are shared across disciplines.

2) Women's Studies uses gender as a main category of analysis. Sensitive to the way that past scholarship has tended to equate human activity and human nature with male activity and male nature, Women's Studies stresses the gender nature of human life. It thus focuses on the ways that women's experiences, activities, and nature differ from men's. This sensitivity to gender differences often goes hand in hand with a sensitivity to other fundamental differences between humans—differences in race, class, ethnicity, age—and to the need to provide analyses of human life that take these differences into account.

3) The themes of exclusion and inclusion are central to Women's Studies. Women's Studies emerged in response to the recognition that women have typically been excluded as subjects of research. A primary aim of Women's Studies is to include women in our knowledge of human life. This means that Women's Studies is devoted to researching and accurately depicting women's roles in and contribution to culture, history, and social life. This often requires reconstructing the methods, central questions, conceptual categories, and value system of the different academic disciplines. Thus Women's Studies is not just the study of women. It also involves critical reflection on the process of knowing and on established understandings of history, literature, culture, art, economics, and so on.

4) The study of women has both negative and positive foci. On the one hand, because women have been subordinated to men in virtually every society, Women's Studies inevitably involves attempts to document and explain the different forms that women's subordination has taken. But within the confines of oppressive social arrangements, women have also been active agents, making positive contributions to history, social life, and the arts. Thus the study of women is also the study of women's activities and contributions.

5) Because women have traditionally been located in the private sphere and have not had access to the same avenues of cultural contribution as men, investigating women's activities and contributions requires a shift away from traditional research topics. Non-traditional topics researched within Women's Studies include reproduction, sexuality, the family, and the household economy; women's

INTERDISCIPLINARY STUDIES

organizations, kinship networks, and female friendships; and craft art, diaries, and salon music.

Requirements for Women's Studies Minor: 18 semester hours of interdisciplinary coursework in Women's Studies which must include **WS 200 Women's Studies** and five additional courses chosen from the following:

Anthropology 346	Women, Culture, and Society
English 336	Women Writers
French 474	French Women Writers
History 351	Women in the Western World
Philosophy 165	Philosophy and Feminism
Philosophy 275	Feminist Theory
Religious Studies 265	Women and Religion
Sociology 206	Sociology of the Family
Women's Studies 300	Special Topics
Women's Studies 400	Independent Study

- 200 Women's Studies (3)**
A survey of the interdisciplinary and multicultural field of women's studies. The course will trace the conceptual tradition of contemporary feminist writing by examining key literature of the past two centuries that has critically addressed women's condition.
- 300 Special Topics (3)**
An examination of an area in women's studies in which a regular course is not offered. The course may be repeated for credit if the content is different.
Prerequisite: If cross-listed with a special topics course in another department, the prerequisites of that department will apply.
- 400 Independent Study (1-3)**
Individually supervised readings and study of some work, problem, or topic in women's studies of the student's interest. Students may apply only one independent study toward the minor requirements.
Prerequisites: Women's Studies minor, junior or senior standing with at least a 2.5 GPA, and permission of the instructor and Women's Studies coordinator.

Students interested in more information about Women's Studies at the College and students wishing to declare a minor should consult the Women's Studies coordinator at 14 Glebe Street.

AFRICAN STUDIES

803-792-5770

The minor in African Studies is composed of 18 hours of which nine credit hours are core courses and nine hours are electives selected from an approved list.

The core courses are:

- AFRS 101 Introduction to African Civilization (3)**
An interdisciplinary survey of the history, geography, literature, culture, politics and economics of the peoples and nations of the continent of Africa.
- HIST 272 Pre-Colonial Africa (3)**
An introduction to the pre-colonial history of sub-Saharan Africa. Special attention will be focused on the growth of Islam in West Africa, the East African city-states and kingdoms, and the upheaval in 19th century southern Africa. African slavery and the slave trade also will be considered.
Prerequisites: History 101 and 102.
- HIST 273 Modern Africa (3)**
A history of the development of Africa during the modern period, including European penetration, the Colonial era, African resistance and independence, and contemporary issues.
Prerequisites: History 101 and 102.

The remaining nine credit hours would be selected from among the following:

- POSC 353 Developing Countries: Africa (3)**
POSC 495 International and Regional Organization: OAU (3)
ANTH 322 Peoples and Cultures of Africa (3)
FREN 470 African Literature of French Expression (3)
LITR 250 Literature in Translation: A Foreign Literature (3)
LITR 450 Literature in Translation: Comparative Literature (3)

Departmental special topics, tutorials and independent study courses will also be offered as appropriate.

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URBAN STUDIES

George Hopkins, Director
803-792-5711

Urban Studies is the only interdisciplinary major at the College of Charleston. This program is designed to provide students with the academic foundation necessary to become aware of, and sensitive to, the problems and potential of the city and its environment. Students become acquainted with various approaches to the study of urban and metropolitan life and development through courses in economics, political science, sociology, history, fine arts, business administration, and psychology. The Urban Studies faculty is drawn from all of these departments.

The program is designed to provide maximum flexibility for the individual student within the structured curriculum. Students can concentrate in one of two areas: Urban Planning and Administration or Urban Policy and Social Problems. The academic program is complemented by the experience of a practicum (Urban Studies 400) in urban-related agencies, both public and private. The required practicum offers the student unparalleled vocational opportunities by allowing for the exploration and evaluation of talents and interests in a non-academic work setting.

The Urban Studies program is administered by the Department of History.

URBAN STUDIES CURRICULUM

Major Requirements: The urban studies major requires a total of 39 semester hours: 18 hours in core requirements and 21 hours in a designated area of concentration. The following core courses provide the foundation on which a concentration is built.

CORE COURSES FOR ALL MAJORS

All core courses must be taken by urban studies majors. They are: **Business Administration 231: Applied Statistics (3); or Mathematics 231: Applied Statistics (3):**

BADM 231 Applied Statistics (3)
Statistical methods with applications to regression, correlation, analysis of variance, and associated models.

- INTERDISCIPLINARY STUDIES
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- Pre-requisite: Mathematics 105 or 120
or
- MATH 231** **Applied Statistics (3)**
Topics include sampling, hypothesis testing, confidence intervals, simple linear regression, and related probability concepts.
Prerequisite: Mathematics 105 or 120
NOTE: Students may not receive credit toward graduation for both Mathematics 216 and Mathematics 231.
- ECON 307** **Urban Economics (3)**
An examination of the economics of spatial organization focusing on the location of economic activity and the growth of cities and regions. This course will provide a theoretical and empirical basis for analyzing contemporary urban issues.
Prerequisites: Junior standing; Economics 201, 202; Mathematics 105 or 120.
- HIST 211** **American Urban History (3)**
A survey of urban development from colonial times to the present. This course examines urbanization as a city—building process and its impact on American social, political and economic life.
Prerequisites: History 101 and 102.
- POSC 223** **Urban Government and Politics (3)**
Attention is focused on the impact of an urban society upon the forms, structure, and functions of county and municipal governments; the political problems generated by metropolitan growth; the various approaches to the governing of the metropolis; the political process in urban communities; and community power structure and decision-making.
- SOCY 351** **Urban Sociology (3)**
A close examination of the emergence of urban society, contemporary urbanization, and the nature of urban life.
Prerequisite: Sociology 101 or permission of the instructor.
NOTE: Credit cannot be received for both Sociology 351 and Anthropology 351.

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URST 201

Introduction to Urban Studies (1)

This course provides an introductory overview of the interdisciplinary field of urban studies. Various aspects of urban life will be explored, utilizing the insights derived from disciplines such as history, sociology, political science, economics, and architecture. The focus will be the multi-faceted city and the continual interaction between its components, especially the efforts of human beings to shape the city while also being shaped by it.

NOTE: This should be one of the first courses taken.

URST 400

Practicum (2)

This is a supervised field learning experience in an urban setting. The student observes and becomes involved in the functions and operations of a private sector, governmental, or community agency. The weekly seminar provides a forum in which the student, in concert with the faculty coordinator, can integrate knowledge gained in the classroom with that acquired during the field experience.

NOTE: Students must obtain instructor's permission the term before enrolling in this course.

The following courses are prerequisites for the core courses:

Economics 201 and 202 for Economics 307;

History 101 and 102 for History 307

Mathematics 105 or 120 for Business Administration 231 or Mathematics 231;

Political Science 101 for Political Science 223;

Sociology 101 for Sociology 351.

Students should plan their courses of study with their faculty advisor to assure that prerequisites are satisfied early enough in their program so as not to interfere with enrollment in core courses. Several courses in the concentrations also have prerequisites.

AREAS OF CONCENTRATION

Students may select one of two areas of concentration: Urban Planning and Administration, or Urban Policy and Social Problems.

Each concentration requires 21 hours.

Urban Planning and Administration Concentration:

A. Core Curriculum—choose three from:

- BADM 203 Accounting Concepts I (3)**
An introduction to accounting principles applicable to single proprietorships and partnerships with emphasis on the accounting cycle and the preparation of financial statements.
- ECON 320 Managerial Economics (3)**
The application of economic principles relating to cost, revenue, profit, and competition that aid business decision making and policy formulation.
Prerequisites: Junior standing; Economics 201 and 202; Mathematics 231 and 105 or 120; Business Administration 232.
- PHIL 155 Environmental Ethics (3)**
A study of the philosophical and ethical dimensions of environmental issues, including such topics as the moral status of other species and the nature of human obligations toward the environment.
- POSC 201 Public Administration (3)**
An analysis of the basic principles, functions, and practices of public administration; emphasis on decision-making and bureaucratic behavior.
- POSC 211 Policy Evaluation (3)**
A review of the strategies for analyzing performance and goal achievement in the public sector. The course includes a survey of the criteria, methodology, and analytical techniques employed in governmental evaluations. An opportunity will be provided to apply these strategies and techniques in an evaluative situation.
Prerequisite: Political Science 210
- URST 310 Urban Planning (3)**
Topics will include the history of planning, macro

INTERDISCIPLINARY STUDIES

theories of planning, goal setting, and implementation within contemporary political settings. Primary emphasis will be placed upon the application of planning techniques within agencies and within urban communities; appropriate case studies will be used.

B. Electives—choose four from:

- ARTH 395** **Modern Architecture (3)**
A study of modern architecture from 1885 to the present concentrating on the American contributions of Sullivan and Wright, the European modernists, Gropius, Mes van der Rohe, Le Corbusier and post World War II developments.
Prerequisite: Art 109, or Art 245, or permission of the instructor.
- BADM 204** **Accounting Concepts II (3)**
A continuation of Business Administration 203. Accounting principles applicable to corporations with emphasis on accounting for manufacturing activities and the information used in management decision-making.
Prerequisite: Business Administration 203.
- BADM 303** **Business Finance (3)**
This course presents the fundamental concepts of corporate finance. Special attention will be given to the financial administrator's role in the area of working capital, capital budgeting and financing decisions, including international investment and financial considerations.
Prerequisites: Junior standing; Business Administration 203 and 204; Economics 201 and 202; Mathematics 105 and 231. (Business Administration 232 suggested).
- BADM 307** **Personnel Management (3)**
A review of personnel policy, manpower planning, staffing, training and development, compensation administration, and union management relations.
Prerequisite: Junior standing; Business Administration 301

- BADM 335 Governmental and Institutional Accounting (3)**
Fundamental accounting principles applicable to federal, state, and municipal governmental units and other non profit organizations such as hospitals, colleges and universities, and voluntary health and welfare organizations.
Prerequisites: Business Administration 203 and 204.
- BADM 406 Quantitative Methods and Decision Making (3)**
Students are introduced to quantitative modeling techniques and to the role quantitative models play in the decision-making process. Emphasis will be placed on the understanding of tools necessary to quantify decision-making with extensive use of computers and computer-assisted solution methods.
Prerequisites: Junior standing; Business Administration 232; Mathematics 105 and 231.
- ECON 304 Labor Economics (3)**
This course examines the workings and outcomes of the market for labor. It is primarily concerned with the behavior of employers and employees in response to the general incentives of wages, prices, profits, and non-pecuniary aspects of the employment relationship. Topics include the supply and demand for labor, investments in human capital, unions and collective bargaining, and governmental policies affecting labor.
Prerequisites: Junior standing; Economics 201 and 202; Mathematics 105 or 120.
- ECON 317 Microeconomic Analysis (3)**
A study of the analytical techniques used in investigating the determination of produce and factor prices under different market structures to include analysis of indifference, production theory and utility concepts.
Prerequisites: Junior standing; Economics 201 and 202; Mathematics 105 or 120.
- ECON 318 Macroeconomic Analysis (3)**
A study of classical, Keynesian, and post-Keynesian

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economics involving the issues of consumption, monetary and fiscal policy, growth, interest, and liquidity.

Prerequisites: Junior standing; Economics 201 and 202; Mathematics 105 or 120.

- ECON 320** **Managerial Economics (3)**
The application of economic principles relating to cost, revenue, profit, and competition that aid business decision-making and policy formulation.
Prerequisites: Junior standing; Economics 201 and, 202; Mathematics 231 and 105 or 120; Business Administration 232.
- BIOL 204** **Man and the Environment (3)**
A study of the interdependence of man and his environment. Emphasis will be on man's place in nature, pollution, man-modified habitats, and environmental protection.
- GEOLOG 205** **Urban and Environmental Geology (3)**
Man's impact on the geologic environment, waste disposal, mineral resources and conservation, land reclamation, energy, population growth, and other related topics will be discussed. Lectures, three hours per week.
Prerequisite: Geology 101, or permission of the instructor.
- PHIL 210** **Ethics and the Law**
An examination of the relationship between moral theory and legal institutions, covering issues such as the legal enforcement of morality, the relationship between moral rights and legal rights, and the moral justification of state coercion in general and penal systems in particular.
- POSC 203** **Organization Theory (3)**
A survey of the organizational aspects of the administrative process. Considerations of organizational goal-setting and displacement, as well as social and structural pathologies affecting administrative practice.

- POSC 204** **Public Management (3)**
 A review of management philosophies and strategies pertaining to administrative practice in the public sector. The course will include topics ranging from the management of resources to the management of personnel.
- POSC 210** **Introduction to Policy Analysis (3)**
 An introduction to the perspectives, literature, and substantive knowledge in the area of public policy analysis. The relationship between the environmental context of politics, political institutions, and policy decisions will be emphasized. The role of the public in the policy formulation process is given particular attention.
- POSC 409** **Seminar in Government Finance (3)**
 The role of fiscal management and planning in the administrative process, budgetary theory and process, and intergovernmental fiscal relations.
- PSYC 329** **Environmental Psychology (3)**
 A study of the relationships between human behavior and the physical environment, including a consideration of such topics as the effects of the arrangement of interior spaces, structures of communities, crowding in urban environments, climate, and natural disasters. Opportunity will be provided for student participation in research projects. Offered as demand warrants. Prerequisites: Psychology 101 and 102.
- SOCY 252** **Population and Society (3)**
 An introduction to the basic concepts, theories, and methods of population analysis. In addition, major issues related to population growth will be examined from a problem-solving perspective. Prerequisite: Sociology 101 or the permission of the instructor.
- SOCY 352** **Essentials of Demographic Analysis (3)**
 An in-depth examination of the principles, assumptions, and methods needed for the formal analysis of

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population distribution; population structure; and fertility, mortality and migration.

Prerequisite: Sociology 101 or permission of the instructor.

SOCY 358 Complex Organizations (3)

An examination of contemporary theories and research strategies concerning complex organizations such as manufacturing firms, hospitals, schools, churches, and community agencies.

Prerequisite: Sociology 101 or permission of the instructor.

URST 350 Environmental Policy (3)

Historical and current issues affecting public perspectives and policies toward the environment will be examined. The focus of the course will be interdisciplinary, emphasizing legal and economic considerations as well as those in the applied life and physical sciences.

URST 399 Special Topics Seminar (3)

This course is designed to study the development and process of policy-making in a specialized field in urban society. Topics, which change each semester, have included Public Sector Procurement and Dynamics of Historic Preservation.

URST 401 Independent Study (3)

A study directed by a faculty member on various subjects.

NOTE: Permission of the instructor and advisor required before registration. A student may take no more than six hours of independent study.

URST 499 Bachelor's Essay (3)

Independent research for the student who is a candidate for Honors in the major. The student must take the initiative in seeking faculty help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the faculty prior to registration for the course.

Urban Policy and Social Problems

- A. **Core Courses**—choose three (no more than two from one field) from:

- HIST 307** **History of the United States: Cold War America, 1945-Present (3)**
The Cold War; McCarthyism; growth of the Guarantor State and presidential power from Truman to Nixon; social tensions; from civil rights to Black Power, from feminine mystique to women's liberation; the Indo-china War; the New Left and the New Nixon; Water-gate; Ford; Carter; and Reagan.
Prerequisites: History 101 and 102
- PHIL 155** **Environmental Ethics (3)**
A study of the philosophical and ethical dimensions of environmental issues, including such topics as the moral status of other species and the nature of human obligations toward the environment.
- POSC 210** **Introduction to Public Policy Analysis (3)**
An introduction to the perspectives, literature, and substantive knowledge in the area of public policy analysis. The relationship between the environmental context of politics, political institutions, and policy decisions will be emphasized. The roles of the public in the policy formulation process is given particular attention.
- POSC 263** **Criminal Justice (3)**
An analysis of the criminal justice system from defining crimes through arrest to conviction and sentencing, with emphasis on the relationships between the actors and institutions in the system and purposes served by the system.
- POSC 340** **Urban Policy (3)**
This course examines the urban service system, and policy formulation and implementation processes. The potential advantages and disadvantages of citizen participation in local policy implementation are assessed, and the barriers to formulating a national

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urban policy are identified. The latter half of the course examines specific urban policy areas.

SOCY 205

Contemporary Social Issues (3)

The sociological approach to the analysis of contemporary social issues.

Prerequisite: Sociology 101 or permission of the instructor

B. Electives: Choose four from:

ECON 304

Labor Economics (3)

This course examines the workings and outcomes of the market for labor. It is primarily concerned with the behavior of employers and employees in response to the general incentives of wages, prices, profits, and non-pecuniary aspects of the employment relationship. Topics include the supply and demand for labor, investments in human capital, unions and collective bargaining, and governmental policies affecting labor.

Prerequisites: Junior standing; Economics 201 and 202; Mathematics 105 or 120.

ECON 305

Money and Financial Institutions (3)

The nature and role of money, the development and operation of the commercial banking system, the structure and functions of the Federal Reserve System, and the impact of monetary changes on business decisions and economic activity.

Prerequisite: Junior standing; Economics 201, 202; Mathematics 105 or 120.

ECON 318

Macroeconomics Analysis (3)

A study of Classical, Keynesian, and Post-Keynesian economics involving the issues of consumption, monetary and fiscal policy, growth, interest, and liquidity.

Prerequisites: Junior standing; Economics 201, 202; Mathematics 105 or 120.

- ECON 325** **Economics for Development (3)**
An analysis of international poverty and inequality, dualistic development, the employment problem, mobilization of domestic resources, mobilization of foreign resources, human resource development, agricultural strategy, industrialization strategy, trade strategy, development planning, and policy making.
Prerequisites: Junior standing; Economics 201 and 202; Mathematics 105 or 120. Offered alternate years.
- ECON 330** **Comparative Economic Systems (3)**
An analysis and appraisal of the theories and practices underlying economic systems. Consideration given to capitalistic, socialistic, and communistic economies.
Prerequisites: Junior standing; Economics 201 and 202; Mathematics 105 or 120. Offered alternate years.
- HIST 212** **American Labor History (3)**
The course will offer a survey of the history of American working people from colonial times to the present, with emphasis on workers' responses to industrialization and urbanization and the development of the modern labor movement.
Prerequisites: History 101 and 102.
- PHIL 210** **Ethics and the Law (3)**
An examination of the relationship between moral theory and legal institutions, covering issues such as the legal enforcement of morality, the relationship between moral rights and legal rights, and the moral justification of state coercion in general and penal systems in particular.
- POSC 201** **Public Administration (3)**
An analysis of the basic principles, functions, and practices of public administration; emphasis on decision making and bureaucratic behavior.

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- POSC 203 Organization Theory (3)**
A survey of the organizational aspects of the administrative process. Considerations of organizational goal setting and displacement as well as social and structural pathologies affecting administrative practice.
- POSC 204 Public Management (3)**
A review of management philosophies and strategies pertaining to administrative practice in the public sector. The course will include topics ranging from the management of resources to the management of personnel.
- POSC 211 Policy Evaluation (3)**
A review of the strategies for analyzing performance and goal achievement in the public sector. The course includes a survey of the criteria, methodology, and analytical techniques employed in governmental evaluations. An opportunity will be provided to apply these strategies and techniques in an evaluation situation.
Prerequisite: Political Science 210
- POSC 319 Political Parties and Interest Groups (3)**
The nature, functions, organization, and activities of political parties and interest groups. Topics include the processes of nomination, campaigns, and elections in the American political system as well as comparative analysis of parties and interest groups in other systems.
- POSC 409 Seminar in Government Finance (3)**
The role of fiscal management and planning in the administrative process, budgetary theory and process, and inter-governmental fiscal relations.
- PSYC 310 Social Psychology (3)**
A study of the principles of human interaction, including a consideration of such topics as social learning, person perception, attitudes, prejudice, and analysis of small group behavior. F,S
Prerequisites: Psychology 101 and 102

- PSYC 329** **Environmental Psychology (3)**
A study of the relationships between human behavior and the physical environment, including a consideration of such topics as the effects of the arrangement of interior spaces, structures of communities, crowding in urban environments, climate, and natural disasters. Opportunity will be provided for student participation in research projects. Offered as demand warrants.
Prerequisites: Psychology 101 and 102
- SOCY 332** **Collective Behavior (3)**
An examination of the theories and literature, both historical and contemporary, relevant to the more dramatic forms of human social behavior; panics, riots, revolutions, and the like.
Prerequisite: Sociology 101 or permission of the instructor
- SOCY 341** **Criminology (3)**
A study of criminal behavior, penology, and rehabilitation, including the analysis of crime statistics, theories of criminal behavior, and important Supreme Court decisions.
Prerequisite: Sociology 101 or permission of the instructor
- SOCY 342** **Juvenile Delinquency (3)**
A detailed analysis of the nature, extent, and causative theories of juvenile delinquency, and an evaluation of treatment and preventive programs designed to reduce juvenile delinquency.
Prerequisite: Sociology 101 or permission of the instructor
- SOCY 343** **Race and Ethnic Relations (3)**
An in-depth examination of the problems associated with race and ethnic relations in contemporary American society.
Prerequisite: Sociology 101 or permission of the instructor

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- SOCY 344 Social Gerontology (3)**
An investigation of the sociological aspects of aging with an emphasis on the social problems faced by older citizens and those faced by the members of society because of those citizens. Biological and psychological influences on the social behavior of the aged will be considered as they relate to the problems studied.
Prerequisite: Sociology 101 or permission of the instructor
- SOCY 352 Essentials of Demographic Analysis (3)**
An in-depth examination of the principles, assumptions, and methods needed for the formal analysis of population distribution; population structure; and fertility, mortality, and migration.
Prerequisite: Sociology 101 or permission of the instructor
- SOCY 357 Political Sociology (3)**
A comparative review of non-Western and Western political structures. Theories of state formation, political participation, political change, and protest also will be studied.
Prerequisite: Sociology 101 or permission of the instructor
NOTE: Credit cannot be received for both Sociology 357 and Anthropology 357
- SOCY 358 Complex Organizations (3)**
An examination of contemporary theories and research strategies concerning complex organizations such as manufacturing firms, hospitals, schools, churches and community agencies.
- SOCY 362 Social and Cultural Change (3)**
A study of current and historical theories and research strategies concerning the process of socio-cultural change. Attention given to the techniques involved in the analysis and control of directed cultural and social change.

Prerequisite: Sociology 101 or permission of the instructor

NOTE: Credit cannot be received for both Sociology 362 and Anthropology 362.

URST 310

Urban Planning (3)

Topics will include the history of planning, macro theories of planning, goal setting, and implementation within contemporary political settings. Primary emphasis will be placed upon the application of planning techniques within agencies and within urban communities; appropriate case studies will be used.

URST 350

Environmental Policy (3)

Historical and current issues affecting public perspectives and policies toward the environment will be examined. The focus of the course will be interdisciplinary, emphasizing legal and economic considerations as well as those in the applied life and physical sciences.

URST 399

Special Topics Seminar (3)

This course is designed to study the development and process of policy making in a specialized field in urban society. Topics, which change each semester, have included Public Sector Procurement and Dynamics of Historic Preservation.

URST 401

Independent Study (3)

A study directed by a faculty member on various subjects.

NOTE: Permission of the instructor and advisor required before registration. A student may take no more than six hours of independent study.

INTERDISCIPLINARY STUDIES

- URST 499 Bachelor's Essay (3)**
Independent research for the student who is a candidate for Honors in the major. The student must take the initiative in seeking faculty help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the faculty prior to registration for the course.

In addition to those courses specified above as electives, any core courses taken beyond the minimum of three may also be counted as electives.

- 101 Freshman Seminar (2)**
The purpose of this course is to introduce the student to the value and applications of a liberal arts education. In addition, this course focuses on the benefits of becoming an active member of the academic community by developing self-awareness, awareness of the college community and the community at large. The course is designed to help freshman: a) understand the maturational changes they will undergo during the college experience and the roles they will play as students; b) identify personal and work values, establish realistic career and life goals; c) obtain information about academic programs, including course, major and graduation requirements; understand occupational implications of their educational choices; e) develop or improve study and time-management skills; and f) become familiar with the College's procedures, resources and services.

LANGUAGES

803-792-5713

Michael S. Pincus, Chair

Professors

Jorge Marbán (Spanish and Italian), Michael S. Pincus (Spanish)

Associate Professors

Virginia Benmaman (Spanish), Jeffrey Foster (French)

Carla Lowrey (German), Gerard Montbertrand (French)

J. Frank Morris (Classics), Lawrence J. Simms (Classics)

Beatrice Stiglitz (French and Italian), Godwin Uwah (French)

E. Paige Wisotzka (French)

Assistant Professors

Abdellatif Attafi (French),

José Escobar (Spanish), Herbert Espinoza (Spanish)

Walter Fuentes (Spanish), Elaine Griffin (Spanish)

Simone Guers (French), Ada Johnson (Spanish),

Jozef Modzelewski (German), Norbert Sclippa (French)

Instructors

Karen Berg (Spanish), Martine Cuvillier-Hiers, (French)

Eileen Howe (Spanish), Dorothy Marbán (Spanish)

Ruth Mercado (Spanish), Stephanie Mignone (German)

Anne Saunders (Classics), Georgia Schlau (Spanish)

Katie Sprang (Language Laboratory Director, German)

Liliane Vilatte-Cooper (French),

Critical Languages Tutors

Abdellatif Attafi (Arabic), Talia Arnon (Hebrew)

Smaragda Huddleston (Greek), Ellen Klemper (Chinese)

Miyoko LaPass (Japanese)

ABOUT LANGUAGE STUDY

Language, by its very nature, structure, and application, is the foundation of any society. Knowledge of another language offers direct access to another literature, the living memory of a nation. The appreciation of the heritage, beliefs, and ideas held by another society is of significant cultural value, especially when it leads to a clearer perception of one's own society.

People study languages for a variety of reasons. The ability to communicate directly with someone who does not know English has a certain practical value; for example, Americans faced with the realities

of international commerce are discovering that they need foreign language skills in this highly competitive area.

STATEMENT OF PURPOSE

The Department of Languages provides students with:

- a) instruction in modern foreign language communication skills—reading and listening comprehension, oral and written expression;
- b) instruction in Latin and Ancient Greek and the Classics;
- c) opportunities, on campus and abroad, to apply foreign language skills to the study of other cultures;
- d) an understanding and appreciation of another literature in the original language;
- e) an introduction to selected works of world literature in translation; and,
- f) guidance and training in non-literary applications of languages—government, business, teaching, professional or public service, and graduate study.

PROGRAMS

The Department of Languages offers major programs in Classical Studies, French, German, and Spanish. The department also offers minor programs in French, German, and Spanish. Specific information about each major or minor program is presented in the individual section descriptions.

Artium Baccalaureatus (A.B.) Degree:

To receive the A.B. degree in any of the four majors, in addition to required courses in the major, a student must satisfy the following requirements in the Classics:

1. Classical Languages: 18 semester hours in Latin or 18 semester hours in Greek;
2. Classical Civilization: 6 semester hours in courses in classical civilization, such as HIS 230 *Ancient Egypt and Mesopotamia*, HIS 231 *Ancient Greece*, HIS 232 *Ancient Rome*, PHL 220 *History of Ancient Philosophy*, ART 345 *Greek and Roman Art*, courses in the Classics such as CLA 124 *Classical Civilization*, CLA 153 *Ancient Epic*, etc. The Registrar as well as the Languages Department will maintain a list of courses which can be used to satisfy this requirement.

3. An earned grade point ratio of 2.5 or higher in the courses used to satisfy the classical languages and classical civilization requirements.

Basic Language Sequences: The basic sequence of elementary and intermediate language courses is offered in several instructional modes or programs.

Traditional classes: 101, 102, 201, and 202 courses meet three times weekly for three semester hours of credit each.

Intensive classes: 150 and 250 courses meet daily for six semester hours of credit each.

Self-Instructional Language Program (SIL): 101, 102, 201, and 202 courses in the less commonly taught languages for three semester hours credit each, with tutorial sessions to be arranged.

Satisfactory completion of course work through the intermediate level of *any* of the instructional modes outlined above shall fulfill the general education requirement in foreign language.

Teacher Education Program: The department offers courses in French, German, Latin, and Spanish necessary to meet secondary level teacher certification requirements as approved by NASDTEC (National Association of State Directors of Teacher Education and Certification). Candidates for certification should consult with the language major advisor before the beginning of the junior year.

Students who major in Classical Studies, French, German, or Spanish can become certified to teach foreign languages in secondary schools, grades 9-12. Requirements include admission to, and successful completion of, an approved teacher education program. After declaration of a major in either Classical Studies, French, German, or Spanish, students interested in teacher certification must contact the coordinator of certification and student teaching, School of Education, 9 College Way, for complete details about the program.

POLICIES

Placement: All entering students must take a placement test in the language(s) studied in high school. The results of the placement test will be carefully followed by the student and the advisor during the orientation period.

1. If the student places in, and subsequently passes with a grade of C or higher, the Language 102 or Language 105 course, six credits will

be granted for the 101 and 102/105 courses. The validation course must be completed within the first two semesters of study at the College.

2. If the student places in, and subsequently passes with a grade of C or higher, the Language 201 course, nine credits will be granted for the 101, 102, and 201 courses. The validation course must be completed within the first two semesters of study at the College.

3. If the student places in, and subsequently passes with a grade of C or higher, the Language 202 course, 12 credits will be granted for the 101, 102, 201, and 202 courses. The validation course must be completed within the first two semesters of study at the College.

4. If the student places in, and subsequently passes with a grade of C or higher, a 300-level course, 15 credits will be granted for the 101, 102, 201, 202, and 300 level courses. The validation course must be completed within the first two semesters of study at the College.

5. Students who pass but do not receive a grade of C or higher in the validation course will receive the 3 credits for the course, but will not receive placement credits.

6. Students who place in a 300-level course will have satisfied the College's minimum degree requirement in Languages whether or not they take a validation course.

7. The results of the placement tests are not binding. A student may choose to take a lower level course than the placement test indicates or to begin a new language.

8. Students who present two or more years of high school study in a language and who do not place in the Language 102 or higher course may take the Language 101 course, or may start the study of a new language. No placement credits will be granted.

Advanced Placement (CEEB): The Advanced Placement Program of the College Entrance Examination Board (CEEB) is accepted by the College of Charleston. A student who has taken college-level courses in a foreign language or literature will be awarded advanced placement credit in accordance with the following scale:

Advanced Language Test (French, German, Spanish)

- 5 — will receive 12 semester hours credit;
- has fulfilled general education requirement in a foreign language;
- may enroll in an advanced course in that language.

- 4 — will receive nine semester hours credit;
 - has fulfilled general education requirement in a foreign language;
 - may enroll in an advanced course in that language.
- 3 — Will receive six semester hours credit;
 - If the department placement tests so indicate, may enroll in an advanced course in that language, and has fulfilled the general education requirement in a foreign language.

Advanced Literature Test (French, German, Latin, Spanish)

- 5 — Will receive 15 semester hours credit;
 - has fulfilled the general education requirement in a foreign language;
 - three of the above credits will be in a literature course in that language, applicable either to the major or to the Humanities requirement in general education;
 - may enroll in an advanced course in that language.
- 4 — Will receive 15 semester hours credit;
 - has fulfilled the general education requirement in a foreign language;
 - three of the above credits will be in a literature course in that language, applicable either to the major or to the Humanities requirement in general education;
 - may enroll in an advanced course in that language.
- 3 — Will receive 12 semester hours credit;
 - has fulfilled the general education requirement in a foreign language;
 - may enroll in an advanced course in that language.

NOTE: All students awarded Advanced Placement credits and who seek to continue study of that language at the College are encouraged to take the departmental placement tests to assure proper placement levels. Except as noted above, the placement test results will not change the credits awarded.

English as a Second Language: Any student whose native language is *not* English and who has received formal instruction and is

LANGUAGES

literate in the native language, may demonstrate proficiency in English by satisfactorily completing one semester of study at the College and thus fulfill the General Education Requirement in a foreign language. Contact the Dean of Undergraduate Studies for validation. The department also offers courses in English as a Second Language; see below.

Language Laboratory: Students of modern languages who are enrolled in 100- or 200-level courses and specifically designated upper-level courses are expected to make use of the Language Laboratory in developing listening comprehension and speaking skills. The Laboratory Fee supports programming services, upkeep, and operation of the facilities and the duplication and distribution of study cassettes.

Humanities Requirements: The following foreign languages courses are among those courses that can satisfy the humanities requirements: Literature 150, 250, 350, 450; Greek 371, 372; Latin 321, 322, 323, 324, 371, 372; Classical Languages, all numbers; French 324, 325, 421, 461, 462, 463, 464, 465, 466, 471, 472, 473, 474; German 324, 365, 463, 464, 465, 466, 470; Spanish 320, 324, 325, 361, 362, 371, 372, 450, 451, 452, 453, 454, and 455. Course numbers 370, 390, 490, 496, and 498 in all language areas do not satisfy the humanities requirements if they deal with language rather than literature, culture, or history.

DEPARTMENTAL ELECTIVES

Honors: A student who participates in the College of Charleston Honors Program may elect the Tutorial and the Bachelor's Essay in the Department of Languages.

- 399 Tutorial (3, repeatable up to 12)**
Individual instruction given by a tutor in regularly scheduled meetings (usually once a week). Course to be designated by specific subject language.
Prerequisites: Junior standing, plus permission of the tutor and the department chair.
- 499 Bachelor's Essay (6)**
A year-long research and writing project done during the seminar year under the close supervision of a tutor from the department. The student must take the initiative in seeking a tutor to help in the design and supervision of the project. A project proposal must be submitted in writing and ap-

proved by the department prior to registration for the course, to be designated by specific subject-language.

Applied Language Studies: Only through practice can one hope to acquire command of a language. This can take place on campus by participating in courses which emphasize development of communicative skills, awareness of different cultures, and the interconnections among various fields of study. These are some elective courses which would be, at registration, listed by specific language, field of study, or both:

113 Language Practicum I (3)

Intensive Maymester or Summer Session course designed to develop conversation skills in a foreign language through guided activities and practice. Instruction available in French, German, and Spanish.

NOTE: This elective course may not be applied to fulfill the language requirement, nor may it count toward the major.

213 Language Practicum II (3)

Intensive Maymester or Summer Session course designed to strengthen communicative skills in a foreign language and to enhance awareness of another culture or society. Recommended especially for the student preparing for study abroad. Instruction available in French, German, and Spanish.

NOTE: This elective course may not count toward the major or minor.

330 Collateral Study (1)

Individually supervised course of reading in a language other than English and in the subject area of a concurrent course offered by another department. The nature and extent of readings will be determined in consultation among student, instructor of the primary subject-matter course, and the language instructor who will supervise and evaluate the student's linguistic performance. Collateral Study courses are recorded by language and specific primary course (*e.g.*, French 330; Psychology 322). A Collateral Study course may be repeated only once in a given language in conjunction with another primary course.

- 370 **Studies in Film and Literature (3)**
Study of major works of literature and their adaptation to the screen, with emphasis on the similarities and differences between the two media. The course will be conducted in English.
- 390 **Special Topics in Languages and Cultures (3)**
Intensive study of a particular subject or theme. (Specific topics will be listed with the course title when offered, *e.g.*, German 390: Special Topics in German: German commercial practice.)

Study Abroad: The department encourages foreign language study abroad. Careful academic preparation and financial planning are essential. The student can earn academic credit for such study in two ways: by enrolling in an institution abroad which has a credit transfer agreement with the College, such as the International Student Exchange Program (ISEP); or by enrolling in College courses listed below especially designed for study abroad. For more information about Study Abroad, refer to page 90 of this *Bulletin*.

- 220 **Special Assignment Abroad (3)**
An internship or other experiential learning project designed to enhance command of a foreign language in a special cultural setting through life and work in another country or society. Assignment to be undertaken and nature of its evaluation to be determined in consultation with the instructor.
NOTE: Course to be recorded by language and place of study (*e.g.*, German 220: Special Assignment/Austria.)
- 328 **Foreign Language Study Abroad (3)**
Designed to develop confidence in communicative skills and greater facility in dealing with ideas in another language through study of the cultural heritage and contemporary concerns of a foreign nation or society. Course is recorded by language and place of study (*e.g.*, Spanish 328: Spanish/Argentina).
Prerequisite: Permission of the instructor, or, if an independent study, the student must first consult with his or her academic advisor, prepare a study plan, determine the amount of credit, agree upon the process of evaluation and

obtain the endorsement of the chair of the Department of Languages.

- 329 Current Issues Abroad (3)**
 A study of the most important current political, socio-economic, and cultural issues in the country visited. Information from the communications media (newspapers, magazines, TV, etc.) will be used and discussed whenever possible. The course is recorded by language and place of study (*e.g.*, SPN 329, Current Issues Abroad: Spain).
 Prerequisites: An appropriate 202 or 250 language course or permission of the instructor.

Literature in Translation: These courses provide access to the literature of other languages through translation. For the student of a particular literature, it is intellectually stimulating to make the acquaintance, through translation, of other literatures.

These courses are conducted in English and are recorded as Literature courses. They can be applied to the general education requirement in Humanities, but not in foreign language.

- 150 Literature in Translation: Gallery of World Literatures (3)**
 Study of selected works from a number of literatures, other than English and American, which offer different perspectives on the world and human-kind.
- 250 Literature in Translation: A Foreign Literature (3)**
 Study of selected works, representing major literary periods and genres, which illuminates another language and culture or era of a shared human condition (To be listed, *e.g.*, Literature 250: French Literature).
- 350 Literature in Translation: A Foreign Author (3)**
 Study of selected works by an author whose influence is felt in the world at large. (To be listed, *e.g.*, Literature 350: Dostoyevsky).
- 450 Literature in Translation: Comparative Literature (3)**
 A study of selected works by major authors representing different cultures with emphasis on common themes as viewed from the perspectives of these writers.

CLASSICAL LANGUAGES

The study of Classical languages and literatures provides a necessary basis for understanding the cultural origins of our western tradition and forms an essential part, therefore, of any liberal education. A knowledge of the Classics prepares the student to pursue humanistic studies in all areas of the standard college curriculum.

Major in Classical Studies: Thirty semester hours are required, including a minimum of 18 hours in Greek and Latin beyond the elementary level: 12 hours in the principal Classical language selected by the student and six hours in the secondary language. An additional 12 hours, in any combination, must be taken from the following: Upper-level Greek or Latin courses, Classics courses, and courses in the culture and civilization of the ancient world (Fine Arts 345; Linguistics/Education 385; History 230, 231, and 232; and Philosophy 220).

Minor in Greek: For a minor in Greek, 18 hours in the Greek language beyond Greek 102 or 104 or their equivalents are required.

Minor in Latin: For a minor in Latin, 18 hours in the Latin language beyond Latin 150 or 102 or their equivalents are required.

GREEK COURSES

- 101 **Ancient Greek (3, 3)**
- 102 Instruction designed to enable the student to read elementary Ancient Greek.
Prerequisite: Greek 101 is a prerequisite for 102.
- 103 **Biblical Greek (3, 3)**
- 104 An introduction to the Greek of the Old and New Testaments.
Prerequisite: Greek 103 is a prerequisite for 104.
NOTE: Greek 102 or 104 or their equivalents are prerequisites for all 200-level Greek courses.
- 201 **Attic Greek (3)**
Selected readings from Attic prose or verse.
- 202 **Attic Greek (3)**
Continuation of selected readings from Attic prose or verse.

- 203 **New Testament Greek (3)**
Selected readings from the New Testament.
- 204 **New Testament Greek (3)**
A continuation of selected readings from the New Testament.
- 205 **Homeric Greek (3)**
Selections from Homeric epic poetry.
- 206 **Old Testament Greek (3)**
Selected readings from the Septuagint version of the Old Testament.
- 371 **Readings in Greek Literature—Poetry (3)**
Selected readings from one or more of the genres of Greek poetic literature.
Prerequisite: Two 200-level Greek courses.
- 372 **Readings in Greek Literature—Prose (3)**
Comprehensive readings of Plato, readings of the historians Herodotus and Thucydides, or reading of the Greek orators as represented by Lysias, Demosthenes, and Isocrates.
Prerequisite: Two 200-level Greek courses.
- 490 **Seminar: Special Topics in Ancient Greek (3)**
Intensive studies designed to supplement or to investigate more fully the offerings in the Greek curriculum. Formulation of the specific subject matter for the course will reflect both student and faculty interest.
Prerequisite: Permission of the instructor.
- 496 **Directed Reading (1-3)**
Individually supervised readings in ancient Greek, agreed upon in consultation with the instructor. Credit hours assigned will be determined by the nature and extent of the reading.
Prerequisite: Permission of the instructor.
- 498 **Independent Study (1-3)**
Research on a topic to be defined by the individual student in consultation with the instructor who will direct the

project and determine the credit hours to be assigned.
Prerequisite: Permission of the instructor.

LATIN COURSES

- 101 Elementary Latin (3, 3)**
102 Introduces the fundamental grammar, syntax, and vocabulary of Latin with emphasis on reading comprehension. Prerequisites: 101 is open only to beginning students of Latin; placement or Latin 101 is a prerequisite for 102.
- 150 Intensive Elementary Latin (6)**
An introduction to the fundamental grammar, syntax, and vocabulary of Latin with emphasis on reading comprehension.
Prerequisite: This course is open only to beginning students in Latin.
NOTE: This course covers the materials of Latin 101-102 in one semester. Classes meet five days a week for a total of six hours of instruction. It is designed for students who seek to accelerate their study of Latin. Students who have completed Latin 101 and/or 102 may not receive credit for Latin 150. Students who complete Latin 150 may not receive credit for 101 or 102.
- 201 Intermediate Latin (3, 3)**
202 Completes the introduction to basic Latin grammar, syntax, and vocabulary, followed by an introduction to the reading of Latin literature.
- 250 Intensive Intermediate Latin (6)**
Completes the introduction to basic Latin grammar, syntax, and vocabulary, followed by an introduction to the reading of Latin literature.
Prerequisite: Latin 102 or 150 with a grade of C+ (2.5) or better, or placement via placement exam. Students are advised not to postpone completion of their language requirement until their senior year, since this course might not be available to them.
NOTE: This course covers the materials of Latin 201-202 in one semester. Classes meet five days a week for a total of six hours of instruction. It is designed for students who seek to

accelerate their studies of Latin. Having completed 201 and/or 202, students may not take 250 for credit; conversely, students who complete Latin 250 may not receive credit for 201 or 202.

NOTE: LATIN 202 OR 250 OR THEIR EQUIVALENTS ARE PRE-REQUISITES FOR ALL 300-LEVEL LATIN COURSES.

- 321 Cicero (3)**
Selected readings from one or more of Cicero's speeches, letters or philosophical works.
- 322 Vergil (3)**
Selections from the *Aeneid* will be read.
- 323 Roman Historiography (3)**
The style and content of Roman historical literature will be studied through readings from one or more of the major historians.
- 371 Roman Comedy (3)**
Representative plays of Plautus and Terence will be read.
- 372 Roman Satire (3)**
Survey of Roman satirical literature with emphasis on Horace and Juvenal.
- 373 Roman Biography (3)**
A study of the Roman biographical tradition with readings from Cornelius Nepos, Tacitus or Suetonius.
- 374 Medieval Latin (3)**
An introduction to the reading of Medieval Latin prose and verse.
- 490 Seminar: Special Topics in Latin (3)**
Intensive studies designed to supplement or to investigate more fully offerings in the Latin curriculum.
Prerequisite: Permission of the instructor.
- 496 Directed Readings (1-3)**
Individually supervised readings in Latin, agreed upon in

consultation with the instructor. Credit hours assigned will be determined by the nature and extent of the reading.

Prerequisite: Permission of the instructor.

498 Independent Study (1-3)

Research on a topic to be defined by the individual student in consultation with the instructor who will direct the project and determine the credit hours to be assigned.

Prerequisite: Permission of the instructor.

CLASSICS COURSES

The following courses are conducted in English. They can be applied to the minimum degree requirements in humanities, but not in foreign language. No course is prerequisite to any other.

124 Classical Civilization (3)

Greek and Roman civilization from the Minoan period to the age of Constantine. Emphasis will be on history and literature with selected reading in translation of Classical authors.

153 Ancient Epic (3)

Historical backgrounds and study of the ancient epic tradition as a whole. Reading and analysis of Homer's *Iliad* and *Odyssey*, Apollonius' *Argonautica* and Vergil's *Aeneid*.

154 Classical Drama: Tragedy (3)

A survey of Greek and Roman tragedy as represented by the works of Aeschylus, Sophocles, Euripides, and Seneca.

155 Classical Drama: Comedy (3)

A survey of Greek and Roman comedy as represented by the works of Aristophanes, Menander, Plautus, and Terence.

156 Ancient Satire (3)

The beginnings and development of satirical literature at Rome and the later adaptation of the genre. Concentration on the works of Horace, Juvenal, Martial, and Lucian.

158

Man the Mythmaker (3)

An introduction to the study of mythic thought, with emphasis on primitive Indo-European mythological beliefs, as a basis for understanding later systems created to explain the world and to account for the human condition.

190

Special Topics in Mythology (3)

A detailed study of one of the various mythological systems, its evolution, and its importance as a medium for literary and artistic expression within a culture such as Greek and Roman, Egyptian and Near Eastern, Indian and Oriental, or Nordic. (Specific topics will be listed with course title when offered, e.g., Special Topics in Mythology: Greek and Roman.)

290

Special Topics in Classics (3)

Intensive studies designed to supplement or to investigate more fully the offerings in the Classics curriculum.

MODERN LANGUAGES

FRENCH COURSES

French: French cultural, economic, and political influence is being felt not only in the United States but also in many other parts of the world, in particular areas of the Third World where French is spoken. The varieties of human experience are portrayed in French literature; the study of French cultural history is essential to an understanding of the meaning of western civilization.

Major in French: The major in French requires 30 hours at the 300 or 400 level. Students will be expected to have completed a minimum of two 300-level courses in French before taking any course in the series French 461-466. Students will be expected to have completed two of the courses in the series French 461-466 before taking any of the genre courses, French 471, 472, or 473. All majors are encouraged to study abroad in a country where French is spoken. **NOTE:** A revised major will be implemented in fall 1992.

Minor in French: For a minor in French, 18 hours beyond French 202 or 250 are required. These shall include 313, 314, 324, and 325. Additional courses shall be selected from the 300 level and above.

- 101 Elementary French (3, 3)**
102 Introduces the fundamental structures of French with emphasis on acquisition of the basic language skills: reading and listening comprehension, oral and written expression. Prerequisite: 101 open only to beginning students of French; placement or French 101 is a prerequisite for 102.
NOTE: A student having completed French 101 and 102 may not take French 100 or 105 for credit.
- 101C Elementary French Conversation Supplement (1, 1)**
102C A one-hour weekly session for intensive listening-speaking practice in French utilizing vocabulary and grammatical structure presented in the corresponding basic course.
NOTE: A "C" course may be taken only in conjunction with the basic sequence course in which the student is currently enrolled. Credit may not be applied to fulfill the language requirement nor may it count toward the major.
Corequisite: To be taken concurrently with the basic course having the same number.
- 105 Basic Review of French Grammar and Syntax (3)**
For students who have completed a minimum of two years of high school French as preparation for study at the intermediate level.
NOTE: A student receiving credit for French 105 cannot take the equivalent sequence 100, 101, or 102 for credit. Conversely, a student who has completed French 100, 101, or 102 may not take French 105 for credit.
- 150 Intensive Elementary French (6)**
Equivalent to French 101-102. Introduces the fundamental structures of French with emphasis on acquisition of the basic language skills: reading and listening comprehension, oral and written expression.
Prerequisite: This course is open only to those who are beginning students in French.
NOTE: This course covers the materials of French 101 and 102 in one semester. Classes meet five days a week for a total of six hours of instruction. It is designed for students who seek to accelerate their studies of French. Students who have completed French 101, 102, or 105 may not receive credit for French 150.

- 201** **Intermediate French (3, 3)**
202 Develops a basic proficiency in French and familiarity with French culture through practice in the use of the basic language skills and acquisition of vocabulary.
Prerequisite: Placement, French 100, 102, or 105 for 201; placement or French 201 for 202.
- 201C** **Intermediate French Conversation Supplement (1,1)**
202C Optional one-hour weekly sessions for intensive listening-speaking practice in French, utilizing vocabulary and grammatical structure presented in a corresponding basic course.
NOTE: A "C" course may be taken only in conjunction with a basic sequence course in which the student is currently enrolled. "C" course credit may not be applied to fulfill the language requirement nor may it count in the major.
Corequisite: To be taken concurrently with the basic course having the same number.
- 250** **Intensive Intermediate French**
Equivalent to French 201-202. Aims to develop a basic proficiency in French and familiarity with French culture through practice in the use of the basic language skills and acquisition of vocabulary.
Prerequisite: French 102, 105, or 150 with a grade of C+ (2.5) or better, or placement via placement exam. Students are advised not to postpone completion of their language requirement until their senior year since this course might not be available to them.
NOTE: This course covers the materials of French 201-202 in one semester. Classes meet five days a week, for a total of six hours of instruction. It is designed for students who seek to accelerate their studies of French. Having completed 201 and/or 202, students may not take 250 for credit; conversely, students who complete French 250 may not receive credit for 201 or 202.
NOTE: Prerequisite for all upper level courses in French: French 202, 250, or permission of the instructor.
- 313** **French Conversation and Composition (3, 3)**
314 Intensive practice in the written and spoken language. Assigned readings and compositions. The course will be conducted in French.

Prerequisite: French 313 or permission of the instructor for 314.

- 324 French Civilization and Literature (3)**
 French civilization, history, and customs studied through literature; through the 17th century.
- 325 French Civilization and Literature (3)**
 A continuation of French 324, with emphasis on the Enlightenment, the 19th century, and contemporary France.
 Prerequisite: French 324 or permission of the instructor.
- 331 French for Business and Finance (3)**
 This course presents the essential French vocabulary and situations needed for a business career. Lectures, dialogues, and exercises will reinforce the context of typical business situations ranging from insurance negotiations to installation of data processing equipment.
 Prerequisite: French 313 or permission of the instructor.
- 341 Phonetics and Advanced Language Study (3)**
 Phonetics, corrective drills for the improvement of pronunciation and intonation, as well as the phonological structure of French.
- 342 Advanced Grammar**
 A review of the fundamentals of French grammar and structure, with emphasis on verbs and pronouns, as well as the expansion of certain rules in conformity with current usage.
- 421 La France Contemporaine (3)**
 Readings, activities, and discussion of culture and life in modern France.
- 461 The Middle Ages and Renaissance in France (3)**
 Study of the beginnings and development of the earliest forms of the novel: The *Chansons de geste* and *Roman Courtois* through Rabelais; the evolution of French lyrical poetry through La Pleiade; the growth of theatre from the *drame religieux* and farce through the birth of French tragedy; and the Humanist movement with an emphasis on Montaigne.

Texts will be read in modern versions.

- 462 **The Seventeenth Century (3)**
French Neo-Classicism: Descartes, Pascal, Boileau, La Fontaine, the moralists and orators.
- 463 **The Eighteenth Century (3)**
The Enlightenment: Fontenelle, Montesquieu, Voltaire, Diderot, *l'Encyclopédie*, l'Abbé Prevost, Rousseau, and others.
- 464 **Literature of the Nineteenth Century (3, 3)**
465 Pre-Romanticism, Romanticism in prose and poetry, Realism, Naturalism, and Symbolism. Intensive study of the works of Chateaubriand, Balzac, Baudelaire, Flaubert, Verlaine, Rimbaud, and Mallarmé.
Prerequisite: 464 or permission of the instructor for 465.
- 466 **Twentieth Century French Literature (3)**
A study of the major movements of contemporary French literature.
- 470 **African Literature of French Expression (3)**
The evolution of the major genres of the African literature in French south of the Sahara from 1808 to present and a study of the main literary currents of some of the significant works of the major writers.
- 471 **The Baroque and Classic Theatre in France (3)**
Study of the evolution of theatre in 17th century France from its origins. Emphasis will be on the works of Corneille, Moliere, and Racine.
- 472 **The Legacy of the French Classic Theatre (3)**
The Neo-classic comedy and tragedy; development of the *drame bourgeois*; conceptions of Romantic drama, realism, naturalism, and symbolism in the theatre; revival of classical mythology in the 20th century; *avant garde* theatre.
- 473 **The Novel in France (3)**
A survey of its development from the early psychological novel through the modern novel and *Nouveau Roman*.

Theoretical works will be studied as well.

- 474 French Women Writers (3)**
This course will survey the historical, religious, and psycho-philosophical aspects of women's conditions in various cultures, with emphasis on the French experience as portrayed by contemporary women novelists: Colette, Louise de Vilmorin, Françoise Sagan, Simone de Beauvoir, Nathalie Sarruzate, Marguerite Duras, and Christiane Rochefort.
- 490 Seminar: Special Topics in French (3)**
Intensive studies designed to supplement or to investigate more fully offerings in the French curriculum. Formulation of the specific subject matter for the course will reflect both student and faculty interest.
Prerequisite: Permission of the instructor.
- 496 Directed Reading (1-3)**
Individually supervised reading in French, agreed upon in consultation with the instructor. Credit hours assigned will be determined by nature and extent of reading.
- 498 Independent Study (1-3)**
Research on a topic to be defined by the individual student in consultation with the instructor in the department who will guide the work and determine the credit hours to be assigned.
Prerequisite: Permission of the instructor.

GERMAN COURSES

German: America has many long-established social and cultural ties with the nations of the German-speaking world: Austria, Germany, and Switzerland. Today, a knowledge of German has become important for anyone engaged in international commerce, research, and technology.

Major in German: The major in German requires 24 hours in German beyond the intermediate level (German 202 or 250), including German 314, 466, and at least one other 400-level course.

Minor in German: For a minor in German, 15 hours beyond German 202 or 250 are required. These shall include 314 and at least two three-hour literature courses, one of which must be at the 400 level.

101 Elementary German (3, 3)

102 Introduces the fundamental structures of German with emphasis on acquisition of the basic language skills: reading and listening comprehension, and oral and written expression.

Prerequisite: 101 is open only to beginning students of German; placement or German 101 is a prerequisite for 102.

NOTE: A student having completed German 101 or 102 may not take German 150 for credit.

101C Elementary German Conversation Supplement (1,1)

102C A one-hour weekly session for intensive listening-speaking practice in German utilizing vocabulary and grammatical structure presented in the corresponding basic course.

NOTE: A "C" course may be taken only in conjunction with the basic sequence course in which the student is currently enrolled. Credit may not be applied to fulfill the language requirement nor may it count towards the major.

150 Intensive Elementary German (6)

Equivalent to German 101-102. Introduces the fundamental structures of German with emphasis on acquisition of the basic language skills: reading and listening comprehension, and oral and written expression.

Prerequisite: This course is open only to beginning students of German.

NOTE: This course covers the materials of German 101-102 in one semester sequence. Classes meet five days a week for a total of six hours of instruction. It is designed for students who seek to accelerate their studies of German. Having completed 201 and/or 202, the student may not take 250 for credit; conversely, students who complete German 250 may not receive credit for 201 or 202.

201 Intermediate German (3, 3)

202 Develops a basic proficiency in German and familiarity with German culture through practice in the use of the basic

language skills and acquisition of vocabulary.

Prerequisite: Placement, German 100 or 102 for 201; placement or German 201 for 202.

NOTE: Having completed German 201 or 202, the student may not take German 250 for credit.

- 201C** **Intermediate German Conversation Supplement (1,1)**
202C Optional one-hour weekly sessions for intensive listening and speaking practice in German, utilizing vocabulary and grammatical structure presented in a corresponding basic course.
NOTE: A "C" course may be taken only in conjunction with a basic sequence course in which the student is currently enrolled. "C" course credit may not be applied to fulfill the language requirement nor may it count in the major.
NOTE: Prerequisite for all upper-level courses in German: German 202, 250 or permission of the instructor.
- 250** **Intensive Intermediate German (6)**
Equivalent to German 201-202. Develops a basic proficiency in German and familiarity with German culture through practice in the use of the basic language skills and acquisition of vocabulary.
Prerequisite: German 102 or 150 with a grade of C+ (2.5) or better, or placement via placement exam. Students are advised not to postpone completion of their language requirement until their senior year, since this course might not be available to them.
NOTE: This course covers the materials of German 201-202 in one semester. Classes meet five days a week for a total of six hours of instruction. It is designed for students who seek to accelerate their studies of German. Having completed 201 and/or 202, the student may not take 250 for credit; conversely, students who complete German 250 may not receive credit for 201 or 202.
- 314** **German Composition and Conversation (3)**
Intensive practice in the spoken and written language, based on contemporary German materials and sources.
- 324** **German Civilization and Culture (3)**
Study of cultural history and contemporary culture in the

Federal Republic of Germany, Austria, and Switzerland. Emphasizes the application of these language skills: reading speed, listening comprehension, and speaking.

- 331 **German for Business (3)**
An introduction to the vocabulary and syntax necessary to carry on normal business transactions with German firms. Topics for reading, lectures, written assignments, and oral reports will include: the banking system, the role of government and trade unions in German business, the organization of corporations in Germany, and cultural matters pertinent to business people.
- 341 **Advanced Grammar and Syntax (3)**
Advanced study of the structure of the German language, including practice with stylistic characteristics of the language as it is written and spoken today.
- 365 **Introduction to Literature (3)**
Designed for those students who have limited awareness of literary genres and concepts, or those whose German is in the intermediate stage. Students read and discuss representative works of prose, poetry and drama, and learn the basics of German literary history.
- 463 **Nineteenth-Century Literature (3)**
A survey of literature from the end of the Classical period to the turn of the century, including the major literary movements (Biedermeier, Realism, Naturalism) and important writers of prose, poetry, and drama.
- 464 **Twentieth-Century Literature (3)**
A survey of 20th-century prose, poetry, and drama from Expressionism to contemporary movements.
- 465 **Contemporary Literature (3)**
A review of current writers and literary trends in the German-speaking countries, including the German Democratic Republic.
- 466 **Age of Goethe (3)**
A survey of the major literary figures and trends, such as

LANGUAGES

Classicism and Romanticism, of the period 1770-1830. Students read and discuss in depth several full-length works, including Goethe's *Faust*, as well as representative poetry. Some attention is given to general cultural and historical background of the period, based on excerpted readings from theoretical writings.

Prerequisites: One 300-level course or consent of the instructor.

470 The Novelle (3)

A study of the development of the *Novelle* from Goethe to the present, including a review of criticism and *Novelle* theory and discussion of selected works of this genre.

490 Seminar: Special Topics in German (3)

Intensive studies designed to supplement or to investigate more fully the offerings in the German curriculum. Formulation of the specific subject matter for the course will reflect both student and faculty interest.

Prerequisite: Permission of the instructor.

496 Directed Reading (1-3)

Individually supervised reading in German, agreed upon in consultation with the instructor. Credit hours assigned will be determined by nature and extent of reading.

Prerequisite: Permission of the instructor.

498 Independent Study (1-3)

Research on a topic to be defined by the individual student in consultation with the instructor in the department who will guide the work and determine the credit hours to be assigned.

Prerequisite: Permission of the instructor.

ITALIAN COURSES

101 Elementary Italian (3, 3)

102 Introduces the fundamental structure of Italian with emphasis on acquisition of the basic language skills, reading and listening comprehension, and oral and written expression. Prerequisite: 101 open only to beginning students of Italian; placement or Italian 101 is a prerequisite for 102.

- 201** **Intermediate Italian (3, 3)**
202 Develops a basic proficiency in Italian and familiarity with Italian culture through practice in the use of the basic language skills and acquisition of vocabulary.
Prerequisite: Placement or Italian 102 for 201; placement or Italian 201 for 202.

JAPANESE COURSES

- 101** **Elementary Japanese (3,3)**
102 Introduces the fundamental structures of Japanese with emphasis on acquisition of the listening comprehension and oral expression. Introduction to the writing and reading of Japanese characters.
Prerequisites: Japanese 101 is only open to beginning students of Japanese; placement or Japanese 101 is a prerequisite for 102.
- 201** **Intermediate Japanese (3,3)**
202 Develops a proficiency in Japanese and familiarity with Japanese culture through practice in the use of the basic language skills (listening, speaking, reading, writing) and acquisition of vocabulary.
Prerequisites: Placement or Japanese 102 for Japanese 201; placement or Japanese 201 for Japanese 202.

RUSSIAN COURSES

- 101** **Elementary Russian (3,3)**
102 Introduces the fundamental structures of Russian with emphasis on acquisition of the basic language skills: reading and listening comprehension, oral, and written expression.
Prerequisite: 101 open only to beginning students of Russian; Russian 101 is a prerequisite for 102.
NOTE: Study of Russian may be continued at the intermediate level in Critical Languages Tutorial courses: 201P, 202P.

SPANISH COURSES

Spanish: Spanish ranks fourth among world languages at the present time, with more than 200 million speakers, and serves as the

official language of some 20 countries. Within the United States, Spanish is the second most prevalent language, numbering over 11 million speakers.

Major in Spanish: The major in Spanish requires a minimum of 30 hours beyond Spanish 250 or 202, or 202A. The following courses are required for the major: 313 or 314; 444 or 445; 320; 324, 325, or 328; two courses from 361, 362, 371, 372; and nine credit hours of 400-level literature course work. All majors are encouraged to study abroad in a country where Spanish is spoken as the primary language.

Minor in Spanish: For a minor in Spanish, 18 hours beyond Spanish 202 or 250 are required. These shall include 313 and 314, and three hours from 324 or 325. It is recommended that one of the following sequences be included in the remaining nine hours: 361-362 or 371-372.

101 Elementary Spanish (3,3)

102 Introduces the fundamental structure of Spanish with emphasis on acquisition of the basic language skills: reading and listening comprehension, and oral and written expression.

Prerequisite: 101 open only to beginning students of Spanish; placement or Spanish 101 is a prerequisite for 102.

NOTE: A student having completed Spanish 101, 102 may not take Spanish 101A, 102A or 150 for credit.

101A Elementary Spanish (V,V)

102A The Individualized Learning Program (ILP) introduces the fundamental structures of Spanish with emphasis on acquisition of the basic language skills: reading and listening comprehension, and oral and written expression. Credit received in ILP courses is variable (V) according to the pace of study the student maintains.

Prerequisite: 101A open only to beginning students of Spanish; placement, Spanish 101 or 101A is a prerequisite for 102A.

NOTE: A student having completed 101A, 102A may not take Spanish 101, 102, or 150 for credit.

101C Elementary Spanish Conversation Supplement (1, 1)

102C A one-hour weekly session for intensive listening-speaking practice in Spanish utilizing vocabulary and grammatical

structure presented in the corresponding basic course.
NOTE: A "C" course may be taken only in conjunction with the basic sequence course in which the student is currently enrolled. Credit may not be applied to fulfill the language requirement nor may it count towards the major.

150 Intensive Elementary Spanish (6)
Equivalent to Spanish 101-102. Introduces the fundamental structure of Spanish with emphasis on acquisition of the basic language skills: reading and listening comprehension, and oral and written expression.

Prerequisite: This course is open only to beginning students in Spanish.

NOTE: This course covers the material of Spanish 101-102, or 101A-102A in one semester. Classes meet five times a week, for a total of six hours of instruction. Students who have completed Spanish 101/101A or 102/102A may not receive credit for Spanish 150. Students who complete Spanish 150 may not receive credit for Spanish 101/101A, or 102/102A.

201 Intermediate Spanish (3, 3)
202 Develops a basic proficiency in Spanish and familiarity with Hispanic culture through practice in the use of the basic language skills and acquisition of vocabulary.

Prerequisite: Placement, Spanish 100, 102 or 102A for 201; placement, Spanish 201 or 201A for 202.

NOTE: Having completed 201, 202, the student may not take either 201A, 202A or 250 for credit.

201A Intermediate Spanish (V, V)
202A The Individualized Learning Program (ILP) develops a basic proficiency in Spanish and familiarity with Hispanic culture through practice in the use of the basic skills and acquisition of vocabulary. Credit received in ILP courses is variable (V) according to the pace of study the student maintains.

Prerequisite: Placement, Spanish 100, 102, or 102A for 201A; placement, Spanish 201, or 201A for 202A.

NOTE: A student having completed Spanish 201A and/or 202A may not take Spanish 201, 202 or 250 for credit.

(Not offered in 1991-1992, 1992-1993).

- 201C** **Intermediate Conversation Supplement (1, 1)**
202C Optional one-hour weekly sessions for intensive listening-speaking practice in Spanish utilizing vocabulary and grammatical structure presented in a corresponding basic course.
NOTE: A "C" course may be taken only in conjunction with a basic sequence course in which the student is currently enrolled. "C" course credit may not be applied to fulfill the language requirement nor may it count in the major.
- 250** **Intensive Intermediate Spanish (6)**
Equivalent to Spanish 201-202. Aims to develop a basic proficiency in Spanish and familiarity with Hispanic culture through practice in the use of the basic grammatical structures and acquisition of vocabulary stressing the four basic language skills.
Prerequisite: Spanish 102/102A or 150 with a grade of C+ (2.5) or better, or placement via placement exam. Students are advised not to postpone completion of their language requirement until their senior year since this course might not be available to them.
NOTE: This course covers the material of Spanish 201-202, or 201A-202A in one semester. Classes meet five times a week, for a total of six hours of instruction. Having completed Spanish 201/201A or 202/202A students may not take 250 for credit; conversely, students who complete Spanish 250 may not receive credit for Spanish 201/201A, or 202/202A.
NOTE: Prerequisite for all upper-level courses in Spanish: Spanish 202, 202A, 250, or permission of the instructor.
- 313** **Spanish Conversation and Composition (3, 3)**
314 Intensive practice in the spoken and written language.
Prerequisite: Spanish 313 or permission of the instructor for 314.
- 316** **Applied Spanish (3)**
A study of Spanish language as relevant to various career areas, such as Spanish for business, medical personnel, law enforcement. Course content will vary from semester to semester and will focus on only one area per semester.
Prerequisites: Spanish 202, 202A, 250, or permission of the

instructor.

NOTE: Spanish 316 may be taken only once for credit in the Spanish major or toward the total hour requirement for graduation.

- 320 Introduction to the Study of Hispanic Literature (3)**
A preparatory course for students intending to pursue studies in Hispanic literature. Selected readings will provide the basis for stylistic and textual analysis and understanding of the structure of literary works. The historical development of genres and the technical vocabulary necessary for critical analysis also will be included.
Prerequisites: Completion of Spanish 202, 202A, 250, or permission of the instructor.
NOTE: This course is a prerequisite for Spanish and Spanish American 300- and 400-level literature courses.
- 324 Spanish Civilization and Culture (3)**
Designed to provide greater understanding of the culture and heritage of Spain. This will be achieved through the study of history, geography, art, attitudes, and customs.
- 325 Spanish American Civilization and Culture (3)**
Cultural development of Spanish America from the pre-Columbian civilization through the 20th century. To be achieved through the study of geography, art, attitudes, and customs.
- 361 Introduction to Spanish Literature I (3)**
Spanish literature studied from the origins of lyric and epic poetry through the Golden Age.
Prerequisites: Spanish 313 or 314, and 320, or permission of the instructor.
- 362 Introduction to Spanish Literature II (3)**
A continuation of Spanish 361, from the beginning of the Bourbon reign through contemporary movements.
Prerequisites: Spanish 313 or 314, and 320, or permission of the instructor.
- 371 Spanish American Literature (3)**
A study of the literature of Spanish America from the pre-

Columbian era to Modernism.

Prerequisites: Spanish 313 or 314, and 320, or permission of the instructor.

- 372 **Contemporary Spanish American Literature (3)**
Spanish American literature from Modernism through contemporary movements.
Prerequisites: Spanish 313 or 314, and 320, or permission of the instructor.
- 444 **Advanced Grammar and Syntax (3)**
Advanced practice with the grammatical structure of Spanish, designed to provide a more refined and sophisticated study of Spanish syntax and usage.
Prerequisite: Spanish 313 or 314, or permission of the instructor.
- 445 **Phonetics and Advanced Language Studies (3)**
An introduction to the sound system of Spanish, designed to provide intensive practice in pronunciation, and presentation of other special topics in linguistics, such as dialectology or history of the Spanish language.
Prerequisite: Spanish 313 or 314, or permission of the instructor.
- 451 **18th and 19th Century Spanish Literature (3)**
Reading and discussion of selected works of poetry, prose, and theatre from the Neoclassic period to the Generation of 1898. Writers such as Feijóo, Espronceda, El Duque de Rivas, Larra, Zorrilla, Galdós, and Pardo Bazán may be included.
Prerequisites: Spanish 313 or 314, Spanish 320, and a 300-level literature course, or permission of the instructor.
- 452 **20th Century Spanish Literature (3)**
A study of the major works of Spanish literature in the 20th century from the Generation of 1898 to the most important contemporary writers, including authors such as Unamuno, Baroja, García Lorca, Buero Vallejo, Goytisolo, and Marsé.
Prerequisites: Spanish 313 or 314, Spanish 320, and a 300-level literature course, or permission of the instructor.

453

Early Spanish American Literature (3)

Reading and analysis of selected works representing one or more genres from the beginning of Spanish American literature to the 19th century. Content may include such masterworks as *Los infortunios de Alonso Ramírez*, *El Periquillo Sarniento*, *Amalia*, and *María*, as well as the poetry of Sor Juana Inés de la Cruz and that of the Romantic period.

Prerequisites: Spanish 313 or 314, Spanish 320, and a 300-level literature course, or permission of the instructor.

454

Contemporary Spanish American Poetry (3)

Reading and critical analysis of selected Spanish American poetry from Modernism to the Contemporary period. Poets such as Dario, Mistral, Vallejo, Parra, Neruda, and Octavio Paz will be studied.

Prerequisites: Spanish 313 or 314, Spanish 320, and a 300-level literature course, or permission of the instructor.

455

Contemporary Spanish American Fiction (3)

An intensive reading and critical analysis of the novels and short stories of the most important 20th century Latin American writers. Consideration will be given to Borges, Cortázar, Rulfo, Fuentes, and García Marquez, among others.

Prerequisites: Spanish 313 or 314, Spanish 320, and a 300-level literature course, or permission of the instructor.

473

The Golden Age (3)

A study of the theatre, poetry, and novel of the age of Lope de Vega, Calderón de la Barca and Miguel de Cervantes. Content may include such masterworks as *Don Quijote de la Mancha*, *La vida es sueño*, *El burlador de Sevilla*; and the poetry of Garcilaso de la Vega, Fray Luis de León, Luis de Góngora and Francisco de Quevedo.

Prerequisites: Spanish 313 or 314, and Spanish 320 or permission of the instructor.

490

Seminar: Special Topics in Spanish (3)

Intensive studies designed to supplement or to investigate more fully the offerings in the Spanish curriculum. Formulation of the specific subject matter for the course will reflect both student and faculty interest.

Prerequisite: Permission of the instructor.

- 496 **Directed Reading (1-3)**
 Individually supervised readings in Spanish, agreed upon in consultation with the instructor. Credit hours assigned will be determined by nature and extent of the reading.
 Prerequisite: Permission of the instructor.

- 498 **Independent Study (1-3)**
 Research on a problem-topic to be defined by the individual student in consultation with the instructor in the department who will guide the work and determine the credit-hours to be assigned.
 Prerequisite: Permission of the instructor.

CRITICAL LANGUAGES TUTORIALS (LANG)

The Critical Languages Program offers study of less commonly taught languages at the elementary and intermediate levels. Recent offerings in the department include:

Arabic	Mende
Hebrew	Modern Greek
Mandarin Chinese	Japanese
Portuguese	Russian

These languages are offered in small tutorial classes. Instructors are under the supervision of a faculty member in the department.

Consult the Schedule of Courses, under the prefix LANG, for current offerings.

Critical Languages courses count toward the graduation requirement in foreign languages. Critical Languages courses may also be incorporated into the International Studies minor program.

English as a Second Language (ESOL)

The Languages Department offers instruction in ESL for international students who have been admitted to the College but who need additional work in speaking and understanding American English. These offerings do not replace the College's requirement of English 101-102. Residents of the Greater Charleston area may enroll in the ESL courses after submitting appropriate TOEFL scores and/or participating in the placement testing program.

Placement Testing: All entering international students must offer the TOEFL test scores, as well as letters of evaluation of language competency. In addition, the Department and the Office of International Students require students to take a writing test (currently, either a writing sample or the Michigan test) and an oral interview to assess oral proficiency. Times for these tests will be announced during orientation sessions. Students will be placed according to the Department's evaluation procedures, and must successfully complete the assigned course level to maintain good academic standing.

- 105** **ESL Practicum I (3)**
Develops competency in speaking and understanding English. Daily conversations in discussion groups will be based on the grammar topics; written assignments will follow the practice sessions.
Prerequisite: Enrollment restricted to students who are non-native speakers of English, and who have satisfied the Department placement policies.
- 111** **ESL Practicum II**
Continuation of ESOL 105, with emphasis on developing skills in speaking English.
Prerequisite: ESOL 105, or permission of the instructor.
- 205** **ESL Writing Practicum**
Development of appropriate vocabulary and techniques for academic writing.
Prerequisite: Enrollment restricted to students who are non-native speakers of English. Placement in the course will be per departmental policies.

LINGUISTICS

- 343** **The Teaching of Foreign Languages (3)**
Instructional techniques and procedures in foreign language teaching. Examination of materials and methods appropriate to the teaching of predetermined objectives, implications of linguistics and psycholinguistics for the foreign language teacher.
Prerequisite: Two courses beyond the intermediate level of a foreign language or permission of the instructor.
NOTE: This course may not be applied toward the major

requirements in a foreign language.

385 Language Arts Through Latin (3)

Training in the audio-lingual method of teaching simple Latin dialogues; strategies for transferring Latin Vocabulary to English; an introduction to selected stories from classical mythology and to certain aspects of Roman culture.

NOTE: Although this course may be applied toward a major in classical studies, it does not count toward the minimum degree requirement. This course is cross-listed as Education 385.

PHILOSOPHY

803-792-5687

Hugh T. Wilder, Chair

Professors

Harry M. Lightsey, Jr., Hugh T. Wilder

Associate Professors

James E. Abbott, Glenn Lesses

Richard Nunan, Martin Perlmutter

Assistant Professors

Jane Braaten, Ned Hettinger

"The unexamined life is not worth living."

—Socrates

What is philosophy? Philosophy is not a factual discipline like chemistry or biology, learned by acquiring information and applying theories. It is, instead, a kind of questioning of our world view. Most of us adopt, without realizing that we do, our own society's conventional assumptions about what the world is like. As a result, we tend to take our own picture of the world and our place in it for granted without first asking whether it is a good picture. By asking what reasons there are for accepting one conception of the world over another, philosophy questions conventional wisdom about, for example, the rationality of religion, the benefits of leading a moral life, the desirability of a capitalist economic system, and the possibility of acquiring knowledge. Philosophy also tries to clarify the meaning of those concepts that are fundamental to our understanding of the world, for example, the concepts of moral goodness, religious faith, equality, and truth. Philosophy thus helps us develop an understanding of the nature of morality, religion, art, political life, and science. Because philosophy is learned through questioning, speculation, and rational argumentation, it stresses the importance of being an active seeker of understanding and not a passive recipient of information. And because philosophy involves the critical analysis of such a broad range of issues, including the conceptual starting points of other disciplines, philosophy has a place in every area of human inquiry.

What is the role of philosophy in the undergraduate curriculum? Both the content and the instructional methods used in philosophy courses stimulate intellectual autonomy, develop reasoning skills, and encourage a more reflective understanding of our fundamental beliefs about ourselves and our place in the world.

The philosophy program is designed to serve non-majors in two ways: first, by providing an appreciation for and understanding of philosophy as an essential part of a well-rounded liberal education; and second, by offering courses that complement other major programs. Many courses apply philosophical analysis to specific areas of human concern, such as religion (255), the natural and social sciences (150, 265), medicine (170), business (175), the environment (155), law (210, 270), aesthetics (180, 185, 280), ethical and political values (301, 315), and the human condition (165, 203, 205). The history series (220, 230, 235, 306, 307, 310) offers an overview of the history of philosophy. The three courses in logic (215, 216, 217) are designed to develop students' reasoning skills in the analysis and evaluation of arguments.

Minimum Degree Requirements: All philosophy courses except Philosophy 215, 216, and 217 satisfy the minimum degree requirements in the humanities. Six semester hours in logic (Philosophy 215 and either Philosophy 216 or 217), satisfy the College's minimum degree requirement in mathematics or logic. This requirement may not be met by a combination of course work in mathematics and logic.

Major and Minor in Philosophy: The department offers a major's program for students interested in pursuing a concentrated study of philosophy. The major also serves those students interested in preparing either for graduate study in philosophy or for careers in such areas as law, public administration, or religion. A minor in philosophy is available for non-majors with a serious interest in philosophy.

Major Requirements: 30 semester hours in philosophy, which must include the following:

- 1) One logic course (215, 216, or 217);
- 2) History of Ancient Philosophy (220) and History of Modern Philosophy (230);
- 3) Six additional semester hours at or above the 200 level;
- 4) Six additional semester hours at the 300 level;
- 5) Seminar in Philosophy (450).

Students interested in a professional career in philosophy should consult with their advisor in choosing philosophy electives. As a general rule, students will be better prepared for graduate work if they take a course in symbolic logic and take additional 300-level courses.

Minor Requirements: 18 semester hours in philosophy, which must include the following:

- 1) One introduction to philosophy course (101 or 102);
- 2) One logic course (215, 216, or 217);
- 3) One history of philosophy course (220, 230, 235, 306, 307, or 310);
- 4) Three additional courses in philosophy, two of which must be at or above the 200 level.

Prerequisites: No 100- or 200-level course, except 216, 217, 220, 230, and 235, has a prerequisite. All 300- and 400-level courses have the following prerequisite: either six semester hours in philosophy (other than 215, 216, or 217) or permission of the instructor. The Seminar in Philosophy (450) has the additional prerequisite of junior or senior standing.

PHILOSOPHY COURSES

- 101 Introduction to Philosophy: Beliefs and Values (3)**
An introduction to philosophy through an examination of ethical, political, and religious problems.
- 102 Introduction to Philosophy: Knowledge and Reality (3)**
An introduction to philosophy through an examination of some of the major problems that arise in the inquiry into the nature of reality and knowledge. Philosophy 102 may be taken before Philosophy 101.
- 150 Nature, Technology, and Society (3)**
An examination of the philosophical problems arising from the impact of science and technology on contemporary society. Topics include the relation of technology to society and political systems, the place of the individual within a modern technocratic society, the influence of technology on views of nature, and the question of human values and scientific knowledge.
- 155 Environmental Ethics (3)**
A study of the philosophical and ethical dimensions of environmental issues, including such topics as the moral status of other species and the nature of human obligations toward the environment.

- 165** **Philosophy and Feminism (3)**
An examination of philosophical issues in feminism such as the nature of freedom and equality, what it is to be a person and to respect others as persons, and whether or not our language encourages or pre-supposes a demeaning view of women. Specific topics may include equal opportunity, abortion, rape, and marriage.
- 170** **Biomedical Ethics (3)**
The application of ethical theories to issues and problems in biomedical ethics such as abortion, euthanasia, genetic engineering and genetic counseling, behavior control, death and dying, and medical experimentation.
- 175** **Business and Consumer Ethics (3)**
An examination of some of the ethical issues of the marketplace, such as the obligations of the business community to consumers, the role of government in protecting the consumer, fair advertising practices, the nature of the corporation, and the extent to which it is appropriate for government to regulate business affairs.
- 180** **Philosophy of Art (3)**
A study of introductory issues in philosophy of art, using works presented in Spoleto U.S.A. Issues include theories of art, the place of art in society, and problems of interpretation and evaluation of works of art. (Maymester only.)
- 185** **Philosophy and Film (3)**
An introduction to philosophical thought about film, studying films themselves and theoretical and critical writing about film. This course deals with both philosophical problems exhibited in films as well as philosophical problems about the nature of film.
- 198** **Topics in Philosophy (3)**
An introductory examination of selected topics or issues in philosophy. The course may be repeated if the content is different.
- 203** **Philosophy of Human Nature (3)**
An examination of what influential thinkers such as Dar-

win, Descartes, Freud, Marx, Plato, Sartre, and Skinner have said about human nature.

205 Existentialism (3)

A study of existential philosophy, covering thinkers such as Kierkegaard, Nietzsche, Jaspers, Heidegger, Marcel, and Sartre.

210 Ethics and the Law (3)

An examination of the relationship between moral theory and legal institutions, covering issues such as the legal enforcement of morality, the relationship between moral rights and legal rights, and the moral justification of state coercion in general and penal systems in particular.

215 Informal Logic (3)

An examination of logical methods for the analysis of arguments in ordinary language, including a consideration of the uses of language and definition, the detection of errors of reasoning found in everyday communication, and the structure of elementary arguments.

NOTE: This course does not count toward the humanities minimum degree requirement.

216 Symbolic Logic (3)

A study of the techniques and principles of symbolic logic. Prerequisite: Philosophy 215 or permission of the instructor.

NOTE: This course does not count toward the humanities minimum degree requirement and may not be taken for credit if credit has been received for Philosophy 217.

217 Accelerated Symbolic Logic (3)

A comprehensive introduction to sentential logic, predicate logic, and mathematical induction. This course may include further topics as time and interest permit—e.g., set theory, inductive logic, or metatheoretical logic.

Prerequisite: Philosophy 215, or mathematics or computer science major, or permission of the instructor.

NOTE: This course does not count toward the humanities minimum degree requirement and may not be taken for credit if credit has been received for Philosophy 216.

- 220 History of Ancient Philosophy (3)**
An examination of the development of the philosophical views of the ancient Greeks, including the Presocratics, Socrates, Plato, and Aristotle.
Prerequisite: Three semester hours in philosophy or permission of the instructor.
- 230 History of Modern Philosophy (3)**
An examination of the rise of modern philosophy and some of its principal characteristics as exemplified in some major philosophers from the close of the Middle Ages through the philosophy of Immanuel Kant.
Prerequisite: Three semester hours in philosophy or permission of the instructor.
- 235 Nineteenth Century Philosophy (3)**
An examination of philosophical thought during the 19th century, covering thinkers such as Hegel, Marx, Comte, Bentham, and Mill.
Prerequisite: Three semester hours in philosophy or permission of the instructor.
- 250 Marxism (3)**
An examination of some of the philosophical writings of Karl Marx as well as his precursor, Hegel, and followers such as Gramsci, Marcuse, and Althusser.
- 255 Philosophy of Religion (3)**
An examination of issues such as the nature of religious experience, arguments for the existence of God, the conflict between reason and faith, immortality, the nature of miracles, and the problem of evil.
NOTE: This course may not be taken for credit if credit has been received for Religious Studies 255.
- 265 Philosophy of Science (3)**
An examination of the methodology and conceptual foundations of the sciences, including topics such as the structure of scientific theory, the relation of theory to experiment, the genesis and development of scientific concepts, and the evolution of scientific theories.

- 270 Philosophy of Law (3)**
A philosophical examination of some fundamental features of a legal system, focusing on issues such as the nature and function of law, judicial decision-making, legal reasoning, legal responsibility, and the relationship of morality, justice, and liberty to a legal system.
- 275 Feminist Theory (3)**
A study of the connections between gender and knowledge, culture, and social practice. The course investigates the claim that cultural definitions and valuations of masculinity and femininity are reflected in such areas as science, ethics, literature, art, and language.
- 280 Aesthetics (3)**
A philosophical study of beauty and of the creation, appreciation, and criticism of works of art.
- 285 Philosophical Issues in Literature (3)**
A study of selected aesthetic problems related to literature, philosophical themes expressed in literary works, and philosophical problems raised by literature.
- 298 Special Topics in Philosophy (3)**
An intensive examination of selected topics or issues in philosophy. The course may be repeated if the content is different.

Prerequisite for all 300- and 400-level courses: either six semester hours in philosophy (other than 215, 216, or 217) or permission of the instructor.

- 301 Ethics (3)**
A study of moral theories, such as utilitarianism, Kantian ethics, virtue ethics, and egoism. The concepts of the good and the right, the justification of ethical beliefs, and the origin and nature of morality may also be discussed.
- 306 Twentieth Century Analytic Philosophy (3)**
A study of major movements in recent Anglo-American philosophy such as Logical Atomism, Logical Positivism, and Ordinary Language Philosophy.

- 307 **Twentieth Century Continental Philosophy (3)**
An intensive examination of major figures, such as Husserl, Heidegger, Habermas, Foucault, and Derrida; movements such as phenomenology and deconstruction; or problems such as representation, the structure of language, and the nature of technology.
- 310 **American Philosophy (3)**
A critical treatment of leading philosophers in the United States up to the present with major emphasis on the works of philosophers such as Peirce, James, Royce, Santayana, Dewey, and Whitehead.
- 315 **Political and Social Philosophy (3)**
An examination of contemporary and traditional positions on issues such as justice, equality, liberty, human rights, political and legal obligations, and the role and limits of government.
- 320 **Metaphysics (3)**
A study of various attempts that philosophers have made to formulate consistent and comprehensive conceptual systems regarding the nature of reality.
- 325 **Epistemology (3)**
An examination of historical and contemporary views concerning answers to the following questions: What is knowledge? Under what conditions are beliefs justified? What is the role of reason and sensory experience in obtaining knowledge? Is anything certain? What is the nature of truth?
- 330 **Philosophy of Mind (3)**
A study of basic issues in the philosophy of mind, such as the relationship of mind to body, knowledge of other minds, and the nature of mental states. The course may focus on selected topics, such as the emotions or artificial intelligence.
- 399 **Tutorial (3, repeatable up to 12)**
Individual instruction by a tutor in regularly scheduled meetings (usually once a week). The student must take the initiative in seeking a tutor to help in both the design and the

supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

Prerequisites: Junior standing, plus permission of the tutor and the department chair.

450 Seminar in Philosophy (3)

An intensive examination of a selected perspective or tradition, problem, or philosopher. May be repeated for credit.

Prerequisite: Junior or senior philosophy major or permission of the instructor.

499 Bachelor's Essay (6)

A year-long research and writing project done during the senior year under the close supervision of a tutor from the department. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

RELIGIOUS STUDIES

Hugh T. Wilder, Chair

803-792-5687

Assistant Professors

David Frankfurter, Lee Irwin, June McDaniel

Religion is a central element of human cultures, and the study of religion is an important part of liberal education. The religions of the world exhibit a variety of beliefs and doctrines, rituals and practices, institutions and ways of life. Courses in Religious Studies inquire into these different aspects of religions and religious experiences, and draw on methods from many fields, including history, literature, philosophy, psychology, sociology, and anthropology.

Religious Studies courses at the College take an objective and impartial approach toward the study of world religions. Religious issues are discussed and sacred texts are studied from an academic rather than from a faith-oriented point of view. Courses adopt the traditional methods of scientific, historical, philosophical, and textual scholarship.

Courses in Religious Studies introduce students to the methods and subjects of inquiry in the academic study of religion (101), to the historical and critical study of sacred texts (201, 202, 310), to the fundamental beliefs and rituals of the major religions of the world (102, 225, 230, 235, 240, 245), and to such thematic issues as women in religion (265), mystical experience (301), and religion and society (115).

The Department of Religious Studies is administered by the chair of the Philosophy Department. All Religious Studies courses satisfy the minimum degree requirement in the Humanities and do so separately from Philosophy courses satisfying that requirement.

There is a minor in Religious Studies for students who wish to engage in a structured program which focuses on religion. Requirements for the minor are listed below.

Minor Requirements: A minimum of 18 semester hours (at least three hours of which must be at or above the 300 level) that must include the following:

- 1) Religious Studies 101: Introduction to Religious Studies;
- 2) Religious Studies 102: Introduction to World Religions
- 3) One religious tradition course from the following:
Religious Studies 225: The Jewish Tradition

- Religious Studies 230: The Christian Tradition
- Religious Studies 235: The Islamic Tradition
- Religious Studies 240: The Buddhist Tradition
- Religious Studies 245: The Hindu Tradition

- 4) One course on a religious text from the following:
- Religious Studies 201: Introduction to the Old Testament
 - Religious Studies 202: Introduction to the New Testament
 - Religious Studies 310: Sacred Texts
- 5). Two additional courses from the following:
- Any courses in Religious Studies
 - Anthropology 356: Anthropological Perspectives on Religion
 - Classics 158: Man the Mythmaker
 - Classics 190: Special Topics in Mythology
 - History 350: The Age of Reformation
 - History 361: Ancient Egypt and Mesopotamia
 - History 363: Medieval Islamic Civilization
 - Philosophy 255: Philosophy of Religion
 - Sociology 356: Sociological Perspectives on Religion

RELIGIOUS STUDIES COURSES

- 101 Introduction to Religious Studies (3)**
 An introduction to the study of religious phenomena such as myth, symbol, and ritual. The concepts of sacred narrative, sacred history, and religious experience will be discussed along with differing approaches (psychological, sociological, anthropological) to the study of religion. Examples of religious beliefs and practices will be introduced from a variety of religious traditions.
- 102 Introduction to World Religions (3)**
 An introductory survey of the major religions of mankind, beginning with a treatment of tribal religions and including Hinduism, Buddhism, Confucianism, Taoism, Judaism, Christianity, and Islam.
- 115 Religion and Society (3)**
 A study of the social and political dimensions of religion, including the role of religion in the framework of culture and history.

- 201** **The Old Testament: History and Interpretation (3)**
An introductory study of the Hebrew Bible, or Old Testament, which considers the development of biblical literature in the context of ancient Near Eastern culture and history. Topics covered may include the telling of creation, the roots of monotheism, the interpretation of misfortune, prophecy and prophets, kingship and exile, the formation of the Hebrew canon, and critical methods of scriptural study.
- 202** **The New Testament: History and Interpretation (3)**
An introductory study of the New Testament. Readings from primary and secondary sources will concern the historical, social, religious, and literary backgrounds of gospels, letters, and the Apocalypse. Other topics covered may include the earliest Christian communities, the career of Paul, religious influences and the Greco-Roman world, women in the early churches, the formation of the Christian canon, and critical methods of scriptural study.
- 220** **Comparative Religious Ethics (3)**
An examination of the nature of ethical doctrines within different religions, including the manner in which a particular religious ethics is grounded in text, culture, and tradition.
- 225** **The Jewish Tradition (3)**
An introduction to the Jewish religious tradition from the perspective of history and practice. The long history of Judaism will be surveyed in order to understand the development of Jewish beliefs, culture, and institutions. Customary Jewish practice in all periods also will be investigated.
- 230** **The Christian Tradition (3)**
An examination of the Christian religious tradition from the perspective of history and practice. Attention will be given to the development of some of its religious ideas.
- 235** **The Islamic Tradition (3)**
An examination of Islamic beliefs and practices, covering Muhammad's life, Islamic social and religious institutions, and the Sunni, Shi'ite, and Sufi traditions.

- 240 The Buddhist Tradition (3)**
An examination of the principal Buddhist beliefs and doctrines as reflected in Buddhist literature and practice. The influence of Taoism, Confucianism, Shinto, and folk religions on the varieties of Buddhism will also be discussed.
- 245 The Hindu Tradition (3)**
An examination of Hindu religious beliefs and practices, with emphasis on primary texts, doctrines, rituals, and the arts. Attention will be given to the change and development of its religious ideas. The influences of Islam, Jainism, and Buddhism will also be explored.
- 250 American Religious Traditions (3)**
A survey of various issues of American religion, covering such topics as the role of religion in the African-American experience, denominational religious histories, religion in American reform movements, and American theological traditions.
- 255 Philosophy of Religion (3)**
An examination of issues such as the nature of religious experience, arguments for the existence of God, the conflict between reason and faith, immortality, the nature of miracles and the problem of evil.
Note: This course may not be taken for credit if credit has been received for Philosophy 255.
- 265 Women and Religion (3)**
An examination of the images and roles of women within various religious traditions, along with a consideration of their impact of social attitudes and structures. The course will include such topics as the nature of the goddess, priestess, saint, witch, holy virgin and martyr.
- 298 Special Topics in Religious Studies (3)**
An examination of a special topic in religious studies. The course may be repeated for credit if the content is different.
Prerequisite for all 300 and 400 level courses: either three semester hours in religious studies or permission of the instructor.

RELIGIOUS STUDIES

- 301** **Mysticism and Religious Experience (3)**
An examination of the breadth and variety of mystical and religious experiences, with special consideration given to their symbols, dynamics, and historical interpretations.
- 305** **Tribal Religions (3)**
A comparative examination of the religious traditions of tribal peoples. Cosmologies, shamanism, beliefs about ancestors, myths, rituals, art, and symbolism will be considered.
- 310** **Sacred Texts (3)**
A critical analysis of selected major texts from the world's religious traditions. May be repeated for credit with the permission of the instructor if the texts vary.
- 330** **Christian Origins (3)**
An examination of the origin and development of Christian thought and practice in the context of Jewish, Hellenistic and Roman civilizations.
- 399** **Tutorial (3, repeatable up to 12)**
Individual instruction given by a tutor in regularly scheduled meetings (usually once a week). The student must take the initiative in seeking a tutor to help in both the design and the supervisor of the project. A project proposal must be submitted in writing and approval by the department prior to registration for the course.
Prerequisite: Junior standing, plus permission of the tutor and the department chair.
- 401** **Theories and Methods in the Study of Religion (3)**
An examination of the problems and methods of the study of religion. Theories of the nature, origins and functions of religion will be considered.

POLITICAL SCIENCE

803-792-5724

William V. Moore, Chair

Professors

Samuel M. Hines, Earl O. Kline, William V. Moore
Thomas A. Palmer, Jack D. Parson, Frank T. Petrusak

Associate Professors

Luther F. Carter, Arthur A. Felts
Douglas S. Friedman, David S. Mann

Assistant Professors

Lynne E. Ford, Philip H. Jos
Alfreda Jane McCollough

Political science is the study of domestic and international politics, government, law, political behavior, public policy, and political philosophy. At the College of Charleston, political science courses are available in five general subfields of the discipline: American Politics, Comparative Politics, International Politics, Political Thought and Public Law, and Public Administration and Public Policy. The student majoring in political science has the opportunity to approach the study of politics from several perspectives. Departmental faculty members make ample use of contemporary analytic methods and techniques of social science. They also take care to emphasize the historical, cultural, and philosophical contexts in which political action occurs.

Political science majors are employed in a variety of occupations. Graduates are currently pursuing careers in law; business and industry; local, state, and federal government; academe; and politics.

Special features of the major include the Political Science Seminar (Political Science 403) for highly qualified advanced students, various special topics courses concerning specific issues, the opportunity for independent study (Political Science 402), the opportunity to participate in international or regional organization models (Political Science 495), and the field internship (Political Science 497, 498), which is designed to enable students to put their theoretical classroom knowledge to the test in actual working situations in government. For qualified students, tutorial study (Political Science 399) and the opportunity in the senior year to undertake a Bachelor's Essay (Political Science 499) also are available.

POLITICAL SCIENCE

Major Requirements: 36 semester hours are required for a major in political science. All political science majors must include a minimum of three semester hours in four of the five subfields of political science. Political Science 101, 202 and 260 are required of all political science majors. Political Science 101 is a prerequisite for all political science courses above 200 except for Political Science 202, 260, 265, 365 and those courses in the comparative politics subfield. Political Science 202 must be completed within the first 15 hours of Political Science course work. This is applicable to both majors and non-majors.

The appropriateness of various elective courses depends on the career plans of the individual political science major. Generally, students are encouraged to take courses in history, philosophy, psychology, sociology and statistics.

International Studies 100 and 200 will count as course credit for the political science major. (See the Interdisciplinary Studies section of this *Bulletin* for the International Studies Minor.)

Teacher Education Program: Students who major in political science can become certified to teach social studies in secondary schools, grades 9-12. Requirements include admission to, and successful completion of, an approved teacher education program. After declaration of a major in political science, students interested in teacher certification must contact the coordinator of certification and student teaching, School of Education, 9 College Way, for complete details about the program.

Minor Requirements: A minor in political science will consist of a minimum of 18 hours of course work in political science. Political Science 101 and 202 are required for the minor.

Students may structure the minor in one of two ways:

- 1) A general political science minor consisting of 12 hours beyond Political Science 101 and 202, with the 12 hours selected from a minimum of two of the five subfields in political science. These subfields are: American Politics, Comparative Politics, International Politics, Political Thought and Public Law, and Public Administration and Public Policy.
- 2) A special orientation minor consisting of 12 hours beyond Political Science 101 and 202, with 9 hours selected from one subfield and three hours selected from one other subfield.

Minor in Criminal Justice Requirements: The criminal justice minor is designed to provide a better understanding of the criminal justice system. This is an interdisciplinary minor involving courses in political science, sociology, philosophy, and psychology. In addition to participation in a traditional classroom setting, students are required to undertake an internship through either the department of political science or sociology/anthropology. Required courses for the minor in criminal justice include Sociology 341, Criminology; Political Science 263, Criminal Justice; Sociology 381 or Political Science 497/498, Internship. Nine hours in electives must be chosen from the following courses: Philosophy 210, 270; Political Science 275, 307, 316, 403; Psychology 307; and Sociology 205, 342, or 339/349/359.

Graduate Program: The Department of Political Science's Institute for Public Affairs and Policy Studies and the University of South Carolina's Department of Government and International Studies jointly offer a Master's degree in Public Administration. The joint program concentrates on public administration and policy analysis. The basis for the program is a strong emphasis in public management designed to train students for increasingly complex responsibilities at the federal, state, and local levels. Urban policy and management provide the focal points of the curriculum and are consistent with the expertise of faculty who staff the program from the two institutions.

GENERAL COURSES

- 101 American Government (3)**
Structure, context, functions, and problems of American national government. This course, or the equivalent, is a prerequisite for all political science courses above Political Science 200 except for those courses in the comparative politics subfield and 202, 260, 265 and 365.
- 102 Contemporary Political Issues (3)**
An introductory course for majors and non-majors. Emphasis is placed on analyzing current domestic and international issues. Specific issues covered will vary from semester to semester.
- 103 Global Issues (3)**
A basic interdisciplinary survey course of the world and its

POLITICAL SCIENCE

current problems and issues. The themes of the course are: Man and His Environment, Evolution of the International Community, and Contemporary Issues. This course is cross-listed as International Studies 100.

- 200 Comparative Worlds: A Study of Third World Development (3)**
An interdisciplinary course with its focus on the Third World and the problems involved in the efforts of those countries to modernize and develop. This course is cross-listed as International Studies 200.
- 202 Introduction to Political Inquiry (3)**
An introduction to the nature and practice of Political Science. This course includes an overview of what political scientists study as well as an examination of the various approaches to inquiry which they utilize. This course must be completed within the first 15 hours of Political Science course work.
- 342 Special Topics in Political Science (3)**
An intensive examination of an advanced topic in political science. Formulation of the specific subject matter for the course will reflect both student and faculty interest. An individual course may be applied toward a specific upper level subfield requirement. The course may be repeated for credit if the topic changes.
- 355 Major Issues in Global Studies (2)**
This course will take an interdisciplinary approach to studying the origins, current dilemmas, and future trends of major issues confronting the world community. The course will be divided into two parts: first, general issues such as population, food, resource scarcity, and ecopolitics; second, the interrelation of those issues in major regions of the world. This course is cross-listed as International Studies 350.
- 399 Tutorial (3)**
Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).
Prerequisites: Junior standing, plus permission of the tutor

and the department chair.

- 402 Reading and Independent Study in Political Science (1-3)**
Designed primarily for the student whose interest has been aroused in a particular topic. The amount of reading or the nature of the project will determine the credit to be assigned. Limited to majors in political science.
Prerequisite: Permission of the instructor.
- 403 Seminar: Special Topics in Political Science (3)**
Deals with special topics in the subfields of political science. Topics change each semester.
- 495 International and Regional Organization (3)**
Investigates the structure, operation, and prospects of international and/or regional organizations such as the United Nations, Organization of African Unity, Organization of American States, Arab League, etc. Includes participation in international or regional organization models.
Prerequisite: Permission of the instructor.
- 497 Field Internship (3, 3)**
498 Designed to provide the advanced student with the opportunity to pursue a research topic in the context of an experiential learning situation. Open to juniors and seniors only.
Prerequisite: Permission of the department.
- 499 Bachelor's Essay (6)**
A year-long research and writing project done during the senior year under the close supervision of a tutor from the department. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

AMERICAN POLITICS COURSES

- 205 Comparative State Politics (3)**
This course compares political institutions and behaviors of different states, emphasizing state legislatures, governors,

judiciaries, state political parties, and public budgeting.

- 223 Urban Government and Politics (3)**
Attention is focused on the impact of an urban society upon the forms, structure, and functions of county and municipal governments; the political problems generated by metropolitan growth; the various approaches to the governing of the metropolis; the political process in urban communities; and community power structure and decision-making.
- 306 The Congress (3)**
Organization, procedures, and behaviors of legislative bodies in America, with emphasis on the United States Congress.
- 307 Judicial Process (3)**
An analysis of the major legal concepts and operations of the American judicial system; emphasis on the political as well as legal factors involved in judicial decision-making. Offered alternative years.
- 309 Executive Process: The Presidency (3)**
An analysis of structure, behavior, history, and roles of executive institutions in the American political system.
- 310 American Bureaucracy (3)**
An evaluation of America's public bureaucracy in terms of its ability to provide efficient management, public service, and a humane environment for its members.
- 312 Southern Politics (3)**
A comparative study of selected political patterns and trends in the Southern states since World War II.
- 318 Extremist Politics (3)**
An analysis of the organization, philosophy, and activities of American extremist movements.
- 319 Political Parties and Interest Groups (3)**
The nature, functions, organization, and activities of political parties and interest groups. Topics include the processes of nomination, campaigns, and elections in the American

political system as well as comparative analysis of parties and interest groups in other systems.

320 Public Opinion and Voting Behavior (3)
An examination of the variables that affect opinion formation and voting behavior.

370 National Security Policy (3)
An analysis of American security policies and strategies with emphasis on the operations and functions of the institutions involved.

COMPARATIVE POLITICS COURSES

219 Introduction to Comparative Politics (3)
An introduction to the structures and processes of foreign political systems and to the nature of comparative inquiry.

221 Comparative Contemporary Democracies (3)
An examination of the forms of democratic government with particular emphasis on European political systems, including Britain, Germany, and France.

222 Comparative Communist Political Systems (3)
Issues to be treated include the meaning and essential characteristics of communism, the role of the party and its leadership, states of development, the role of ideology, and instruments of mobilization. Countries to be studied include the Soviet Union, China, and Cuba.

350 Developing Countries: Latin America (3)
A survey of the political, economic, social forces, and problems involved in the politics of Latin America.

352 Developing Countries: India and Pakistan (3)
A survey of the economic, social, and political problems of India and Pakistan, and their impact on the political development of the two nations.

353 Developing Countries: Africa (3)
An examination of the political, social, and economic problems encountered by the independent countries of Africa.

360 Modernization, Dependency, and Political Development (3)

An examination of the major theories of development and their application to the Third World. Domestic and international political, social, and economic factors that promote or retard development in Africa, Latin America, Asia, and the Middle East will be addressed.

361 Politics of Protest and Revolution (3)

A comparative study of protest and revolution in industrialized and Third World countries. The political, economic, and social conditions that give rise to protest and revolution will be examined. Reform movements, revolts and revolutions, both historical and contemporary, will be compared from a cross-system perspective.

INTERNATIONAL POLITICS COURSES

230 American Foreign Policy (3)

A study of the institutions and elements involved in the formulation of American foreign policy. The diverse factors, national and global, influencing the position and actions of the United States in international society will be analyzed.

261 International Relations—Theories and Concepts (3)

Introductory survey of the nation-state system, its characteristic forms, and principal forces making for international conflict and adjustment. Nationalism, imperialism, economic relations, war, diplomacy, and concepts of national interest are given special attention.

330 Far Eastern Affairs (3)

An analysis of political, social, and economic patterns and forces in China, Japan, Korea, and Southeast Asia in recent times. Emphasis will be placed on the impact of Western imperialism and the breakup of colonial empires as well as contemporary problems. United States security interests and involvements in the Far East will also be stressed.

335 The Middle East in World Affairs (3)

An analysis of selected major problems of the post-war

Middle East, including colonialism, independence movements, minorities, intra-area relations, economic underdevelopment, and the Arab-Israeli dispute.

336

War and Diplomacy (3)

Diplomatic negotiations in modern state systems will be stressed to bring out component elements involved in the international process. Failures as well as successes will be studied to contribute to an understanding of the causes of war.

338

Soviet Affairs (3)

A study of the foreign policy of the U.S.S.R., with emphasis on the understanding and evaluation of Soviet capabilities and objectives in the post-World War II years to the present.

430

Case Studies in American Foreign Policy (3)

A selected number of individual cases concerning the substantive problems encountered in American foreign policy will be given intensive study. Readings and case studies will emphasize crisis analysis and relate current policies to domestic and international inputs and pressures on this nation's policy-making machinery.

POLITICAL THOUGHT AND PUBLIC LAW COURSES

260

Western Political Thought (3)

A survey of ideas about the purposes, goals, and processes of political life from ancient to modern times. The development and clarification of key concepts—authority, freedom, justice, equality, obligation, representation—will be examined by reading and discussing a selection of political theorists' writings and secondary sources. Students will develop theories of politics based on this survey.

263

Criminal Justice (3)

An analysis of the criminal justice system from defining crimes through arrest to conviction and sentencing, with emphasis on the relationships between the actors and institutions in the system and purposes served by the system.

- 265 **Democratic and Anti-Democratic Thought (3)**
This course focuses on democratic theory and its enemies. Students will read a variety of democratic and anti-democratic theorists and, on the basis of these readings, examine the various contending definitions of democracy, discern the value of democracy, and evaluate the arguments of those opposed to democracy. Theorists will include: Rousseau, Marx, Cole, MacPherson, Michels, Mosca, Pareto, Schumpeter, and Spitz.
- 275 **Jurisprudence (3)**
The purpose of this course is to study the historical and theoretical development of the concept of law. It will examine problems in the field ranging from general principles on which legal rules are based to analysis of fundamental legal concepts and normative theories.
- 315 **Constitutional Law (3)**
Origin and development of the American Constitution and constitutional issues; relationship of English constitutional development to doctrines and principles of American constitutionalism. Offered alternate years.
- 316 **Civil Liberties (3)**
A study of the court's interpretation of the basic rights and freedoms of the individual; emphasis on development and application of the Bill of Rights.
- 326 **Mass Media and the First Amendment (3)**
This course focuses on theoretical issues involving mass media and the First Amendment, as well as issues of conflict and consensus between mass media and political institutions. Topics examined include theories of free expression, obscenity, licensing, privacy and media restrictions as they affect constitutional freedoms, the Freedom of Information Act and the Federal Communications Commission.
- 331 **International Law (3)**
An examination of the principles of international law, particularly as interpreted and applied by the United States. Emphasis will be on current legal problems of the international community, such as maritime law, space law, trade

agreements, and regulatory treaties.

- 365 **Modern Ideologies (3)**
A study of the major political doctrines and political cultures of the present day, with primary emphasis upon Communism, Fascism, Socialism, and the doctrines of the modern democratic state.
- 366 **American Political Thought (3)**
An analysis of political ideas and beliefs that condition and influence the political system. Topics include a history of American political thought, the development of civic culture, and the ideology of the common man.
- 368 **Methods of Political Science (3)**
An examination of the methodological foundations of contemporary political science, including a survey of the dominant approaches to political inquiry.

PUBLIC ADMINISTRATION AND PUBLIC POLICY COURSES

- 201 **Public Administration (3)**
An analysis of the basic principles, functions, and practices of public administration; emphasis on decision-making and bureaucratic behavior.
- 203 **Organization Theory (3)**
A survey of the organizational aspects of the administrative process. Considerations of organizational goal-setting and displacement, as well as social and structural pathologies affecting administrative practice.
- 204 **Public Management (3)**
A review of management philosophies and strategies pertaining to administrative practice in the public sector. The course will include topics ranging from the management of resources to the management of personnel.
- 210 **Introduction to Public Policy Analysis (3)**
An introduction to the perspectives, literature, and substantive knowledge in the area of public policy analysis. The relationship between the environmental context of politics,

political institutions, and policy decisions will be emphasized. The role of the public in the policy formulation process is given particular attention.

- 211 Policy Evaluation (3)**
A review of the strategies for analyzing performance and goal achievement in the public sector. The course includes a survey of the criteria, methodology, and analytical techniques employed in governmental evaluations. An opportunity will be provided to apply these strategies and techniques in an evaluative situation.
Prerequisite: Political Science 210 or permission of the instructor.
- 340 Urban Policy (3)**
This course examines the urban service system, and policy formulation and implementation processes. The potential advantages and disadvantages of citizen participation in local policy implementation are assessed, and the barriers to formulating a national urban policy are identified. The latter half of the course examines specific urban policy areas.
- 341 Politics of the Budgetary Process (3)**
An analysis of the federal budgetary process with an emphasis on the political and procedural factors that affect reform efforts, revenues, expenditures and budget control.
- 409 Seminar in Government Finance (3)**
The role of fiscal management and planning in the administrative process, budgetary theory and process, and inter-governmental fiscal relations.
- 410 Seminar in Public Personnel Policy (3)**
A review of the history, characteristics, and operational components of public personnel administration. Consideration of contemporary research affecting organizational development in the public and quasi-public domain.

PSYCHOLOGY

803-792-5590

William Bischoff, Chair

Professor

Charles F. Kaiser

Associate Professors

William Bischoff, Mary G. Boyd, G. David Gentry,
Paul W. Holmes, Michael M. Marcell, Peter J. Rowe
Faye B. Steuer, Carol C. Toris

Assistant Professors

Robin L. Bowers, Marcie Desrochers

The Department of Psychology offers courses in both traditional and newly developed areas of psychological investigation to acquaint the student with the methods of inquiry and body of knowledge that constitute modern psychology. Special topics and independent study courses offer opportunities for both students and instructors to explore individual areas of interest.

The department's program prepares undergraduate majors for careers in human services and psychology-related fields, for graduate programs in psychology and other professions, and for careers in any field in which a liberal arts education is useful. An understanding of human behavior is relevant to any occupation or profession which involves interaction with others.

The department possesses excellent facilities for the study of both human and animal behavior. A laboratory for the experimental analysis of behavior is maintained at 59 Coming Street, and four laboratories and two observation suites are located in the Science Center.

The department welcomes those students planning to major in the field and those students whose major interest lies elsewhere but who wish to take courses in psychology either to broaden and support their other interests or to fulfill the minimum degree requirements in social science. For all students, Psychology 101 and 102 are the basic courses.

Major Requirements: 34 semester hours, which must include Psychology 101 and 102 (General Psychology), Psychology 211 (Psychological Statistics), Psychology 220 (Research Methods), one laboratory course (Psychology 360, 362, 364, 366, or 368), and seven additional

courses in Psychology. Students majoring in psychology must also complete eight semester hours of an introductory sequence in biology, chemistry, or physics, (excluding astronomy) of which two semester hours must be earned in the accompanying laboratories. The department recommends that majors include courses in mathematics, philosophy, and sociology/anthropology in their programs of study.

Psychology majors and students considering psychology as a major may secure a "Guide for Psychology Majors" from the department secretary at 55 Coming Street. This brochure, prepared by the department, is designed to assist students in planning their programs of study. It also provides information about psychology as a profession and about employment opportunities for psychology majors.

Minor Requirements: Psychology 101, 102, and at least 12 additional hours in psychology.

PSYCHOLOGY COURSES

- 101 General Psychology (3)**
An introduction to the scientific study of behavior and a survey of general principles and significant experimental findings. Fall, spring.
- 102 General Psychology (3)**
A continuation of Psychology 101 with an introductory consideration of specific fields of psychological inquiry. Fall, spring.
Prerequisite: Psychology 101.
- 108 Life Span Human Development (3)**
A course designed to introduce the principles of human development to the non-psychology major. Attention is given to physical, emotional, social, and cognitive development over the entire life span. Fall, spring.
Prerequisites: Psychology 101 and 102.
NOTE: This course is not open to psychology majors. A student who has completed Psychology 309 and/or Psychology 322 may not subsequently receive credit for Psychology 108.
- 211 Psychological Statistics (3)**
Elementary statistical techniques and their application to

the analysis and interpretation of psychological data. Fall, spring.

Prerequisites: Psychology 101 and 102.

213

Conditioning and Learning (3)

A survey of the experimental study of human and animal learning with an introductory consideration of modern learning theory. Fall, spring.

Prerequisites: Psychology 101 and 102.

220

Research Methods (3)

A survey of standard research methods used by psychologists. Topics include the scientific method, measurement issues, observational techniques, sampling, experimental designs, and data analysis. Lecture, three hours per week. Fall, Spring

Prerequisite: Psychology 211

307

Abnormal Psychology (3)

The psychological aspects of behavior disorders with emphasis on neurotic and psychotic disorders. Fall.

Prerequisites: Psychology 101 and 102.

308

Psychology Of Personality (3)

The normal personality from the point of view of contemporary psychology. A consideration of structure, dynamics, individual differences, and methods of assessment will be given.

Prerequisites: Psychology 101 and 102. Spring.

309

Developmental Psychology I (3)

A study of the development of behavior during infancy, childhood and adolescence. Attention is given to unifying theoretical formulations and to the research methodologies typical of the field of developmental psychology. Fall, spring.

Prerequisites: Psychology 101 and 102.

NOTE: A student who has completed Psychology 309 may not subsequently receive credit for Psychology 108.

310

Social Psychology (3)

A study of the principles of human interaction, including a

consideration of such topics as social learning, person perception, attitudes, prejudice, and analysis of small group behavior. Fall, spring.

Prerequisites: Psychology 101 and 102.

- 314 Research Design and Interpretation (3)**
The principles of experimental and non-experimental research designs and the interpretation of data. The designs will be selected from simple randomized designs, factorial designs, within-subject designs, mixed designs, single-subject designs, and correlation designs, each analyzed by the appropriate statistical tests. Offered as demand warrants.
Prerequisites: Psychology 220.
- 315 Tests and Measurements (3)**
A consideration of the history, theory, and techniques of psychological measurement. Attention is given to the measurement of intelligence, personality, interests, attitudes, and aptitudes. Limited experience in test administration and interpretation is provided. Spring.
Prerequisite: Psychology 211.
- 316 Systems of Psychology (3)**
A study of contemporary psychological theory, including a consideration of Functionalism, Behaviorism, Gestalt Psychology, and Psychoanalysis. Spring.
Prerequisites: Psychology 101 and 102.
- 317 Motivation (3)**
A critical analysis of the concept of motivation in historical perspective with an emphasis on contemporary research and theories. Offered as demand warrants.
Prerequisites: Psychology 101 and 102.
- 318 Comparative Psychology (3)**
A comparison and explanation of the similarities and differences in the behavior of different species of animals. Fall.
Prerequisites: Psychology 101 and 102.
- 319 Physiological Psychology (3)**
A consideration of anatomical and physiological correlates of behavior. Fall.
Prerequisites: Psychology 101 and 102.

- 321 Industrial Psychology (3)**
A study of the application of psychological principles to industrial organizations. Topics covered include individual differences, job satisfaction, supervision, personnel selection, training, and placement. Fall.
Prerequisites: Psychology 101 and 102.
- 322 Developmental Psychology II (3)**
A continuation of Developmental Psychology I, with attention given to psychological development from early adulthood through middle adulthood, aging, and death. Special attention is given to current research and unifying theoretical formulations. Fall, spring.
Prerequisites: Psychology 101 and 102. Completion of Psychology 309 (Developmental Psychology I) is recommended.
NOTE: A student who has completed Psychology 322 may not subsequently receive credit for Psychology 108.
- 323 Mass Media and Human Development (3)**
An examination of the psychological literature on the role media play in the growth and development of human beings across the life span. Attention is given to theoretical formulations, research methods, and to the social milieu which helps to form the media. Lectures, three hours per week. Offered as demand warrants.
Prerequisites: Psychology 101 and 102
- 325 Experimental Analysis of Behavior (3)**
An elaboration of experimental topics in modern learning theory. Phenomena under study include generalization, discrimination, concept formation, effects of schedules of reinforcement, choice of behavior, and avoidance learning. Lecture, three hours per week. Offered as demand warrants.
Prerequisite: Psychology 220
- 326 Cognitive Psychology (3)**
Empirical findings and theoretical models in human information processing and performance are examined. Examples of topics include attention and pattern recognition, memory and imaginal representation, problem solving,

reasoning, creativity, and sensory-motor skills. Spring.
Prerequisites: Psychology 101 and 102.

- 327 **Visual Perception (3)**
A study of physiological and psychological variables determining our visual experiences. Topics treated include perception of space, form, movement, color and brightness, illusions, attentive processes, and the role of learning in perception. Lectures, three hours per week. Offered as demand warrants.
Prerequisites: Psychology 101 and 102.
- 328 **Sensory Processes (3)**
Auditory, vestibular, somesthetic, olfactory, and gustatory systems are examined from physiological and psychological perspectives. Determinants of phenomena of non-visual perception are considered. Exposure is given to psychophysical methods and detection theory. Lectures, three hours per week. Offered as demand warrants.
Prerequisites: Psychology 101 and 102.
- 329 **Environmental Psychology (3)**
A study of the relationships between human behavior and the physical environment, including a consideration of such topics as the effects of the arrangement of interior spaces, structures of communities, crowding in urban environments, climate, and natural disasters. Opportunity will be provided for student participation in research projects. Offered as demand warrants.
Prerequisites: Psychology 101 and 102.
- 330 **Behavior Control (3)**
A study of the application of the principles of operant and respondent conditioning to the control of human behavior, both normal and disordered, including a consideration of the moral and social implications of the behavior control technologies. Lectures, three hours per week. Fall.
Prerequisite: Psychology 213.
- 333 **Health Psychology (3)**
An examination of psychological variables contributing to disease and the effects of illness and injury on behavior.

Examples of topics treated include psycho-physiological disorders, impact of stress, pain mechanisms, medical settings and patient behavior, psychological approaches to prevention and management, and compliance. Fall.

Prerequisites: Psychology 101 and 102.

334 Psychology of Stress

An examination of stress from physiological and psychological perspectives. Presentation of empirical research and theoretical models. Examples of topics include occupational and performance stress, stress in animals, stressful life events, post-traumatic stress, sociocultural and familial stress, and coping mechanisms. Lectures, three hours per week. Offered as demand warrants.

Prerequisites: Psychology 101 and 102.

335 Psychology of Language (3)

The reception, comprehension, and expression of language will be considered from psychological perspectives. Examples of topics include the biological basis of language, the social uses of language, speech perception and production, psycholinguistics, and language development. Offered as demand warrants.

Prerequisites: Psychology 101 and 102.

336 States of Consciousness (3)

Psychological theory and empirical research concerning the continuum of awareness states. Topics treated include sleep and dreams, hypnosis and self-regulated consciousness, Eastern psychological approaches, drug effects, hallucinatory states, parapsychology, and bimodal consciousness of the brain. Offered as demand warrants.

Prerequisites: Psychology 101 and 102.

339 Tutorial (3, repeatable up to 12)

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).

Prerequisites: Junior standing, plus permission of the tutor and the department chair.

- 360 Laboratory in Conditioning and Learning (1)**
Selected research in animal learning applying methods typical in the field.
Prerequisite: Psychology 220
Corequisite or Prerequisite: Psychology 213
- 362 Laboratory in Social Psychology (1)**
Selected research in social psychology applying methods typical in the field.
Prerequisite: Psychology 220
Corequisite or Prerequisite: Psychology 310
- 364 Laboratory in Physiological Psychology (1)**
Selected research in physiological psychology applying methods typical of the field.
Prerequisite: Psychology 220
Corequisite or Prerequisite: Psychology 319
- 366 Laboratory in Experimental Analysis of Behavior (1)**
Selected research in experimental analysis of animal behavior or applying methods typical of the field.
Prerequisite: Psychology 220
Corequisite or Prerequisite: Psychology 325
- 368 Laboratory in Cognitive Psychology (1)**
Selected research in cognitive psychology applying methods typical of the field.
Prerequisite: Psychology 220
Corequisite or Prerequisite: Psychology 326
- 400 Independent Study (1-3)**
401 Individually supervised reading and/or research on a topic
402 or project agreed upon by students and supervisor.
403 Prerequisite: Open to the junior and senior psychology majors with the permission of a staff member as supervisor. Formal written application must be submitted prior to registration stating the nature of the project and presenting evidence of sufficient background knowledge for the enterprise. No student having a GPA of less than 3.0 in psychology courses will be admitted to independent study.

The amount of credit to be awarded will be decided prior to registration. (No more than six semester hours of independent study may be applied to meet the requirements of the major.)

- 410 Special Topics in Psychology (3)**
An examination in depth of an area of current theoretical or research interest. Choice of topic will depend upon the interests of students and instructor. Lecture, three hours per week.
Prerequisite: Open to juniors and seniors with the permission of the instructor. (No more than six semester hours in special topics may be applied to meet the requirements for the major.)
- 414 Advanced General Psychology (3)**
A consideration of selected topics from various fields of psychology. Designed to be taken in the senior year. Fall.
Prerequisites: Psychology 101, 102, and 12 additional semester hours of psychology.
- 499 Bachelor's Essay (6)**
A year-long research and writing project completed during the senior year under the close supervision of a tutor from the department. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

SOCIOLOGY

803-792-8186

George E. Dickinson, Chair

Professors

Klaus de Albuquerque, George E. Dickinson, Robert E. Tournier

Associate Professor

Christine A. Hope

Assistant Professors

Von Bakanic, Ernest G. Rigney

Visiting Instructor

Ann S. Stein

Sociology is the scientific study of human social behavior. It focuses on the factors that organize and structure social activities, as well as those that disorganize and threaten to dissolve them. As a social science, sociology applies objective and systematic methods of investigation to the discovery and identification of regularities in social life and to the understanding of the processes by which they are established and changed.

The study of sociology is attractive to persons preparing for further study and for professional careers, as well as to those seeking a liberal education and immediate employment. As part of a liberal arts program, sociology enables students to understand the social environment in which they live and the social forces that shape their personalities, actions, and interactions with others. As a pre-professional program, the sociology major provides a good background for persons entering the human services, criminal justice, law, education, journalism, planning, public relations, or personnel services. Sociology also provides the analytical skills necessary for careers in market research, program evaluation, sales, management, and other business activities.

Major Requirements: 33 hours within the major, which must include Sociology 101, 260, 360, 371, and three hours in either Independent Study or Special Topics. In addition, students must take at least one course in each of the three areas of concentration in sociology: social psychology (330s), social problems (340s), and social organization (350s). The remaining nine hours are electives to be taken in sociology.

Students majoring in sociology are encouraged to include courses in anthropology, history, political science, international studies, psychology, economics, statistics, and computer programming in their program of study.

Minor Requirements: 18 hours of course work including Sociology 101 and 260. Students must take one course each from two of the three areas of concentration in sociology: social psychology (330s), social problems (340s), and social organization (350s). The remaining six hours are electives which can be fulfilled by taking two additional sociology courses.

Non-majors wishing to take six semester hours of sociology to fulfill their minimum degree requirements in social science are required to take Sociology 101, but may take any course for which they have the prerequisite in the second semester.

Criminal Justice Minor Requirements: The criminal justice minor is designed to provide a better understanding of the criminal justice system. This is an interdisciplinary minor involving courses in political science, sociology, philosophy, and psychology. In addition to participation in a traditional classroom setting, students are required to undertake an internship through either the departments of Political Science or Sociology/Anthropology. Required courses for the minor in criminal justice include Sociology 341, Criminology; Political Science 263, Criminal Justice; Sociology 381 or Political Science 497/498, Internship. Nine hours in electives must be chosen from the following courses: Philosophy 210, 270; Political Science 275, 307, 316, 403; Psychology 307; and Sociology 205, 342, or 339/349/359.

Teacher Education Program: Students who major in sociology can become certified to teach social studies in secondary schools, grades 9-12. Requirements include admission to, and successful completion of, an approved teacher education program. After declaration of a major in sociology, students interested in teacher certification must contact the coordinator of certification and student teaching, School of Education, 9 College Way, for complete details about the program.

SOCIOLOGY COURSES

- 101 Introduction to Sociology (3)**
An introduction to the study of the individual and society as mutually influencing systems.
- 202 Introduction to Social Institutions (3)**
The study of the nature, structure, and function of the major institutions developed and maintained by society to serve its ends.
Prerequisite: Sociology 101.

- 205 Contemporary Social Issues (3)**
The sociological approach to the analysis of contemporary social issues.
Prerequisite: Sociology 101 or permission of the instructor.
- 206 Sociology of the Family (3)**
Analysis of courtship, marriage, and family relationships.
Prerequisite: Sociology 101 or permission of the instructor.
- 231 Society and the Individual (3)**
A survey of the manifold ways in which social structure and personality interact. Among the topics covered will be socialization, attitude formation and change, cognition and perception, and collective behavior.
Prerequisite: Sociology 101 or permission of the instructor.
- 252 Population and Society (3)**
An introduction to the basic concepts, theories, and methods of population analysis. In addition, major issues related to population growth will be examined from a problem-solving perspective.
Prerequisite: Sociology 101 or permission of the instructor.
- 260 Development of Social Thought (3)**
A study of the development of sociology as a body of knowledge and of the various "classical" attempts to define the problems and boundaries of a science of human social behavior.
Prerequisite: Sociology 101 or permission of the instructor.
- 332 Collective Behavior (3)**
An examination of the theories and literature, both historical and contemporary, relevant to the more dramatic forms of human social behavior: panics, riots, revolutions, and the like.
Prerequisite: Sociology 101 or permission of the instructor.
- 336 Death and Dying (3)**
An analysis of death and dying as social processes and problems. Although emphasis is on the American way of dying, death, and bereavement, cross-cultural patterns are also viewed.

Prerequisite: Sociology 101 or permission of the instructor.

- 339 Special Topics in Social Psychology (3)**
An intensive examination of some special topics in social psychology. Formulation of the specific subject matter for the course will reflect both student and faculty interest.
Prerequisite: Sociology 101 or permission of the instructor.
- 340 Medical Sociology (3)**
A review of the ways in which illness and health are conceptualized in different societies. Cultural variations in therapies also will be studied. Medical system of U.S. and interaction with non-Western medical systems will be discussed. Credit cannot be received for both Sociology 340 and Anthropology 340.
Prerequisite: Sociology 101 or permission of the instructor.
- 341 Criminology (3)**
A study of criminal behavior, penology, and rehabilitation, including the analysis of crime statistics, theories of criminal behavior, and important Supreme Court decisions.
Prerequisite: Sociology 101 or permission of the instructor.
- 342 Juvenile Delinquency (3)**
A detailed analysis of the nature, extent, and causative theories of juvenile delinquency, and an evaluation of treatment and preventative programs designed to reduce juvenile delinquency.
Prerequisite: Sociology 101 or permission of the instructor.
- 343 Race and Ethnic Relations (3)**
An in-depth examination of the problems associated with race and ethnic relations in contemporary American society.
Prerequisite: Sociology 101 or permission of the instructor.
- 344 Social Gerontology (3)**
An investigation of the sociological aspects of aging with an emphasis on the social problems faced by older citizens and those faced by the members of society because of those citizens. Biological and psychological influences on the social behavior of the aged will be considered as they relate

to the problems studied.

Prerequisite: Sociology 101 or permission of the instructor.

349 Special Topics in Social Problems (3)

An intensive examination of some special topics in social problems. Formulation of the specific subject matter for the course will reflect both student and faculty interest.

Prerequisite: Sociology 101 or permission of the instructor.

351 Urban Sociology (3)

A close examination of the emergence of urban society, contemporary urbanization, and the nature of urban life. Credit cannot be received for both Sociology 351 and Anthropology 351.

Prerequisite: Sociology 101 or permission of the instructor.

352 Essentials of Demographic Analysis (3)

An in-depth examination of the principles, assumptions, and methods needed for the formal analysis of population distribution; population structure; and fertility, mortality, and migration.

Prerequisite: Sociology 101 or permission of the instructor.

353 Sociology of Occupations and Professions (3)

Analysis of occupational roles and structures; adjustment problems of various career stages; and interrelationships of stratification systems, lifestyles, and occupations.

Prerequisite: Sociology 101 or permission of the instructor.

356 Sociological Perspectives on Religion (3)

A comparative analysis of the social factors influencing the development of religious beliefs, rituals, and organizations. Credit cannot be received for both Sociology 356 and Anthropology 356.

Prerequisite: Sociology 101 or permission of the instructor.

357 Political Sociology (3)

A comparative review of non-Western and Western political structures. Theories of state formation, political participation, political change, and protest also will be studied. Credit cannot be received for both Sociology 357 and Anthropology 357.

Prerequisite: Sociology 101 or permission of the instructor.

358 Complex Organizations (3)

An examination of contemporary theories and research strategies concerning complex organizations such as manufacturing firms, hospitals, schools, churches, and community agencies.

Prerequisite: Sociology 101 or permission of the instructor.

359 Special Topics in Social Organization (3)

An intensive examination of some special topics in social organization. Formulation of specific subject matter for the course will reflect both student and faculty interest.

Prerequisite: Sociology 101 or permission of the instructor.

360 Power and Privilege (3)

A critical analysis of the theories and issues of power, social mobility, and the effects of societal differentiation in general.

Prerequisite: Sociology 260 or permission of the instructor.

362 Social and Cultural Change (3)

A study of current and historical theories concerning the process of socio-cultural change. Attention given to the techniques involved in the analysis and control of directed cultural and social change. Credit cannot be received for both Sociology 362 and Anthropology 362.

Prerequisites: Sociology 101 or permission of the instructor.

369 Special Topics in Social Theory (3)

An intensive examination of some special topic in social theory. Formulation of the specific subject matter for the course will reflect both student and faculty interest.

Prerequisites: Sociology 101 and 360.

371 Research Strategy and Techniques in Sociology (3)

An examination of the nature of scientific inquiry and its application to sociological research, an introduction to the use and interpretation of descriptive and inferential statistics, and utilization of selected techniques of data collection and analysis.

Prerequisites: Sociology 101 and six hours of upper-level sociology.

- 381 Internship (1-6)**
An opportunity for students with a strong interest in social services to have a supervised placement in an agency or social service situation.
Prerequisites: Junior standing, GPA of 3.0 in sociology, an overall GPA of 2.5, a major or minor in sociology, and permission of the instructor. Course prerequisites may vary depending on the nature of the placement.
- 399 Tutorial (3, repeatable up to 12)**
Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).
Prerequisites: Junior standing, plus permission of the tutor and the department chair.
- 490 Independent Study (1-3)**
Individually supervised readings and study of some sociological work, problem, or topic of the student's interest.
Prerequisite: Junior standing, GPA of 3.0 in sociology, and overall GPA of 2.5, a major or minor in sociology, and permission of the instructor.
- 499 Bachelor's Essay (6)**
A year-long research and writing project during the senior year under the close supervision of a tutor from the department. The student must take the initiative in seeking a tutor to help in both the design and supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

SCHOOL OF SCIENCES AND MATHEMATICS

803-792-5991

DEAN

Gordon E. Jones

Department of Biology

Louis E. Burnett, Chair

Department of Chemistry

Henry Donato, Jr., Chair

Department of Computer Science

C. Richard Crosby, Chair

Department of Geology

Michael P. Katuna, Chair

Department of Mathematics

William Golightly, Chair

Department of Physics

William R. Kubinec, Chair

The role of the School of Sciences and Mathematics is two-fold: to provide the technical dimensions of a liberal arts education to all students in the College and to equip majors in the sciences and mathematics to enter careers, graduate schools or professional schools. Students are afforded opportunities for significant involvement in learning in the classroom as well as individual attention by faculty in research in their academic areas. Students in all disciplines learn not only the facts, methods and boundaries of mathematics and science, but learn to question and to think analytically and critically.

The School of Sciences and Mathematics offers the bachelor of science degree in biochemistry, biology, chemistry, computer science, computer science with information systems emphasis, geology, marine biology, mathematics, physics, as well as the bachelor of science with dentistry emphasis and the bachelor of science with medicine emphasis. The bachelor of arts degree is given in biology, chemistry, geology,

SCHOOL OF SCIENCES AND MATHEMATICS

and physics.

The School of Sciences and Mathematics offers the master of science degree in marine biology and in applied mathematics.

Special Programs

In addition to degree programs, Sciences and Mathematics houses several other special academic programs. These include pre-professional curricula in nursing and other allied health areas, a joint program with the Medical University of South Carolina in mathematics and biometry, and pre-engineering (including an option in marine engineering). In addition, the School of Sciences and Mathematics coordinates Sea Semester. (For further information on these programs, see "Special Programs" in this Bulletin.)

BIOLOGY

803-792-5504

Louis E. Burnett, Chair

Professors

William D. Anderson, Jr., Charles K. Biernbaum

Louis E. Burnett, Julian R. Harrison

Robert K. Johnson, Maggie T. Pennington, James W. Smiley

Associate Professors

Robert T. Dillon, Phillip Dustan

Martha W. Runey, D. Reid Wiseman

Assistant Professors

Robert Frankis, Zhexi Luo, Robert McCarthy, Susan J. Morrison

Alan Shanks, Carl J. Whitney

Biology is of fundamental importance in a liberal arts education since, by its very nature, it provides students with a keener insight into and a deeper appreciation of the many facets of living systems. For the non-major, biology often serves as the only introduction to science and methods employed in scientific endeavors. For both non-majors and majors alike, a study of biology may provide life-long vocational interests. Those who major in biology are provided with a substantial background in all aspects of living organisms.

The department offers a bachelor of science degree, a bachelor of science degree with emphasis in marine biology, both of which prepare students for advanced study, and a bachelor of arts degree, which allows students who are not seeking careers in this area to pursue biology for its own sake. A master's degree in marine biology is also part of the biology curriculum. A biology degree is not only valuable for advanced studies, but also provides a background for the pursuit of a variety of careers in teaching, marine biology, medical and biological research, allied health services, forestry, wildlife biology, horticulture, pollution control, museum work, and land-use planning.

The Department of Biology has extensive facilities in the Science Center and at the Grice Marine Biological Laboratory (GMBL) at Ft. Johnson. Undergraduate courses are given in both locations. Science Center biology facilities include 10 teaching laboratories for general biological, botanical, zoological, microbiological, and physiological courses, plus support space and equipment. GMBL facilities include two large teaching laboratories, aquarium and specimen rooms, a library, a dormitory, and smaller laboratories used for student research.

Students who are considering majoring in biology should visit

the Department of Biology early in their college careers to consult with advisors and to obtain information necessary to plan their programs of studies.

Teacher Education Program: Students who major in biology can become certified to teach biology in secondary schools, grades 9-12. Requirements include admission to, and successful completion of, an approved teacher education program. After declaration of a major in biology, students interested in teacher certification must contact the coordinator of certification and student teaching, School of Education, 9 College Way, for complete details about the program.

Major Requirements

The bachelor of science major requires a minimum of 34 semester hours in biology, including Biology 111, 103L, 112, 104L; 26 semester hours in courses at the 300 level or above, including three of the following central courses, Biology 311, Genetics; 312, Cell and Molecular Biology (laboratory optional); 321, General and Comparative Physiology or 304, Plant Physiology; or 341, General Ecology; and a course in Botany, Biology 300, 301, 302, 303, or 304. One year of physics, chemistry through organic chemistry, and mathematics through algebra-trigonometry or introductory calculus are required to complete the major.

The bachelor of science with emphasis in marine biology (intended to prepare the student for graduate work in marine biology or oceanography) requires 34 semester hours in biology to include: Biology 111, 103L, 112, 104L; Biology 341, General Ecology, plus two other central courses; Biology 335, Biology of Fishes; Biology 337, Invertebrate Zoology; Biology 341, Oceanography; and a course in Botany (may be satisfied by Biology 300, 301, 302, 303, or 304). The following additional courses complete the major: Chemistry 111-112, plus quantitative analysis or one year of organic chemistry; one year of physics; one semester of geology; and mathematics through introductory calculus.

The bachelor of arts requires 28 semester hours in biology to include: Biology 111, 103L, 112, 104L; 20 additional hours in biology, 16 of which must be at the 300 level or above; and one year of chemistry and one year of mathematics.

MASTER OF SCIENCE IN MARINE BIOLOGY

The College of Charleston offers a graduate program leading to a Master of Science degree in Marine Biology. This program is consor-tial, drawing upon the faculties and facilities of The Citadel, the College of Charleston, the Medical University of South Carolina, and the Marine Resources Research Institute of the South Carolina Wildlife and Marine Resources Department. Students use facilities and resources of all participating institutions. Student offices and research spaces are provided primarily in the Marine Resources Research Institute and the College's Grice Marine Biological Laboratory, which are located at Ft. Johnson on Charleston Harbor.

The program is designed to produce professional marine biologists who are familiar with many aspects of the marine environment and marine organisms and are fully competent in their areas of research interests.

Because of the very broad scope of faculty interests and facilities, an extremely wide variety of research and training opportunities is available to students in such areas as traditional marine biology, oceanography, marine environmental sciences, fisheries, aquaculture, coastal entomology, marine ornithology, and marine biomedical sciences.

UNDERGRADUATE OFFERINGS**101 Elements of Biology (3, 3)**

102 A survey of fundamental properties of living organisms as seen in their structure, physiology, reproduction, development, classification, and evolution. Designed primarily for students who do not intend to take further courses in biology. Lectures, three hours per week.

Prerequisites or corequisites: Biology 101—Biology 103L is a corequisite or prerequisite; Biology 102—Biology 101, 103L, or Biology 111, 103L are prerequisites; and Biology 104L is a corequisite or prerequisite.

103L General Biology Laboratory (1, 1)

104L Laboratory courses to accompany Biology 101, 102 and Biology 111, 112.

Prerequisites or corequisites: Biology 103L—Biology 101 or Biology 111 are corequisites; Biology 104L—Biology 102 or Biology 112 are corequisites; and Biology 103L is a prerequisite.

111 Principles of Biology (3, 3)

112 A survey of fundamental properties of living organisms as seen in their structure, physiology, reproduction, development, classification, and evolution; designed primarily for students in the sciences and health professions. Lectures, three hours per week.

Prerequisites or corequisites: Biology 111—Biology 103L is a corequisite or prerequisite; Biology 112—Biology 101, 103L, and permission of department or Biology 111, 103L are prerequisites; and Biology 104L is a corequisite or prerequisite.

NOTE: Students who complete Biology 111 may not subsequently receive credit for Biology 101; students who complete Biology 112 may not subsequently receive credit for Biology 102.

Biology 111, 103L, 112, 104L are prerequisites for all upper-division biology courses except for Biology 204 (Man and the Environment), which has no prerequisites.

Students who have completed Biology 101, 102, 103L, 104L and who wish to take upper-level biology courses may do so only with permission of the department.

201 Human Physiology (3)

An introduction to the structure and function of the major organ systems of the human body.

201L Human Physiology Laboratory (1)

A laboratory to accompany Human Physiology. Experiments are done to illustrate concepts and principles discussed in the lectures.

Prerequisite or corequisite: Biology 111-103L/112-104L

202 Human Anatomy (4)

An introduction to the gross and microscopic anatomy of the major organ systems of the human body. Lectures, three hours per week; laboratory, three hours per week.

204 Man and the Environment (3)

A study of the interdependence of man and his environment. Emphasis will be on man's place in nature, pollution,

man-modified habitats, and environmental protection.

- 209 Marine Biology (4)**
An introduction to the study of marine organisms and their environment. Lectures, three hours per week; laboratory, three hours per week. Usually taught only in the summer.
- 220 Computer Applications in Biology (3)**
An introduction to the use of computers in various fields of biology. Emphasis will be placed on general methods that are useful in data acquisition and storage, analyzing research results, learning biology, and teaching biology to others.
- 300 Botany (4)**
Gross morphology, life history, taxonomy, and evolution of representative algae, fungi, bryophytes, and vascular plants. Lecture, three hours per week; laboratory, three hours per week.
- 301 Plant Taxonomy (4)**
The collection, identification, and classification of vascular plants, with special emphasis on local flora. Students will have practice in the use of keys and herbarium techniques. Lectures, two hours per week; laboratory, four hours per week.
- 302 Plant Anatomy (4)**
A comparative study of the anatomy of representative vascular plants, relating the anatomical features to functions and evolution. The laboratory will include an introduction to the techniques of plant histology and wood anatomy. Offered in alternate years. Lectures, three hours per week; laboratory, three hours per week.
- 303 Phycology (4)**
A survey of the algae from the ultraplankton to the kelps. The laboratory experience will involve extensive field collecting and identification, preparation of herbarium materials, and culturing for life-history studies. Lectures, three hours per week; laboratory, three hours per week. Offered in alternate years.

- 304 Plant Physiology (4)**
A study of plant function. Topics will include metabolism, hormones, mineral nutrition, transpiration, translocation, and flowering. Lectures, three hours per week; laboratory, three hours per week.
Additional Prerequisite: One year of chemistry.
- 310 General Microbiology (4)**
An introduction to the microbial world with special emphasis on bacteria. Topics include cellular structures, bacterial metabolism, microbial genetics, bacterial growth and its control, virology, and the epidemiology and pathogenicity of disease-producing microorganisms. The laboratory emphasizes proper handling techniques, identification methods, and properties of microorganisms. Lectures, three hours per week; laboratory, three hours per week.
Additional Prerequisite: One year of chemistry.
- 311 Genetics (3)**
The basics of the science of heredity. The course encompasses Mendelian genetics, the molecular basis of inheritance, changes in chromosomal number and structure, microbial genetics, mutations, and population genetics.
- 311L Genetics Laboratory (1)**
An introduction to the principles of heredity using common experimental organisms. Recent techniques in molecular genetics are also covered. Laboratory, three hours per week.
Corequisite: Biology 311.
- 312 Cell and Molecular Biology (3)**
A study of the ultrastructure and macromolecular organization of cells. The course includes an in-depth study of important cellular macromolecules and the techniques used in their analysis, gene structure and regulation, and the structure and function of the plasma membranes and cellular organelles. Special topics include discussions of molecular immunology, mobile genetic elements, intercellular communication, and the biology of cancer.
Prerequisite: One year of chemistry

- 312L Cell and Molecular Biology Laboratory (1)**
A comprehensive study of the techniques used in the isolation and analysis of important cellular macromolecules and organelles.
- 320 Histology (4)**
A detailed study of the microscopic structure of mammalian tissues and organs. Lectures, three hours per week; laboratory, three hours per week.
Additional Prerequisite: Junior or senior standing.
- 321 General and Comparative Physiology (4)**
A study of the principles of the functional mechanisms that underlie the life processes of all organisms with emphasis on the ways in which diverse organisms perform similar functions. Lectures, three hours per week; laboratory, three hours per week.
Additional Prerequisite: One year of chemistry.
- 322 Comparative Vertebrate Embryology (4)**
Comparative gametogenesis, fertilization, and embryology of the vertebrates. Organogenesis in frog, chick, and pig embryos studied in detail. Lectures, three hours per week; laboratory, three hours per week.
- 323 Comparative Anatomy of Vertebrates (4)**
Lectures on phylogeny of vertebrate organ systems, and laboratory dissection of dogfish, *Necturus*, and cat. Lectures, three hours per week; laboratory, three hours per week.
- 332 Vertebrate Zoology (4)**
Life histories, adaptations, ecology, and classifications of vertebrate animals. Laboratory work emphasizes living material from the local fauna. Lectures, three hours per week; laboratory, three hours per week.
- 333 Ornithology (4)**
An introduction to the biology of birds. Laboratory work will emphasize the identification, classification, behavior, and ecology of local species. Lectures, two hours per week; laboratory, four hours per week.

- 334 Herpetology (4)**
An introduction to the biology of amphibians and reptiles. Laboratory work will emphasize the identification, classification, behavior, and ecology of local species. Lectures, two hours per week; laboratory, four hours per week.
- 335 Biology of Fishes (4)**
A brief survey of gross morphology with emphasis on the structures used in identification, and more detailed considerations of some of the aspects of physiology, ecology, life histories, and behavior. Instruction is held at Grice Marine Biological Laboratory. Lectures, two hours per week; laboratory, four hours per week.
- 336 Parasitology (4)**
Morphology, physiology, epidemiology, ecology, and life cycles of parasites of vertebrates and invertebrates. Laboratory will center on living and preserved material and will include methods of fecal, blood, histological, and serodiagnostic examinations. Lectures, three hours per week; laboratory, three hours per week.
- 337 Invertebrate Zoology (4)**
Classification, morphology, physiology, behavior, and life histories of invertebrates. Laboratory work will emphasize the study of living material from the local fauna. Lectures, three hours per week; laboratory, three hours per week.
- 340 Zoogeography (3)**
An introduction to the study of animal distribution patterns, their origins and their significance for ecology and evolution.
- 341 General Ecology (4)**
Consideration of organisms and their environmental relationships. Lectures, three hours per week; laboratory, three hours per week.
- 342 Oceanography (4)**
An introduction to the study of the marine environment. Lecture and laboratory work will emphasize the interrelationships of physical, chemical, geological, and biological

processes in the sea. Instruction is held at the Grice Marine Biological Laboratory. Lectures, three hours per week; laboratory, three hours per week.

Additional Prerequisites: One year each of college mathematics and chemistry.

343 Animal Behavior (4)

An introduction to the mechanisms and evolution of behavior in vertebrate and invertebrate animals. Lectures three hours per week; laboratory three hours per week.

Pre-requisites: Biology 111-103L/112-104L/ or equivalents.

360 Introduction to Biometry (3)

Introduction to basic statistical methods and their application in the analysis of biological and physical data. Introduction to distributions, experimental design, testing of hypotheses, regression, correlation, analysis of variance, covariance, and factorial arrangements.

Additional Prerequisite: Mathematics 111 or equivalent, or permission of the instructor.

399 Tutorial (3, repeatable up to 12)

Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).

Additional Prerequisites: Junior standing, plus permission of the tutor and the department chair.

410 Applied and Environmental Microbiology (4)

A lecture and laboratory study of the special applications of microbiology to domestic water and wastewater and solid wastes, food and dairy products, agriculture, and industrial processes. Includes microbial distribution and its role in various marine and freshwater, terrestrial, animal, atmospheric, and product environments. Lectures, three hours per week; laboratory, three hours per week.

Additional Prerequisites: Biology 310 (Microbiology) and one year of chemistry.

411 Microtechnique and Cytochemistry (4)

A study of the history, theory, and applications of microscopy and microscopy techniques applicable for the study of cells, tissues and macro- and micro-organisms. Lectures,

two hours per week; laboratory, four hours per week.
Prerequisites: Biology 111-103L/112-104L; at least one year of chemistry.

- 420 General and Comparative Endocrinology (4)**
A study of the comparative anatomy and physiology of the ductless glands of invertebrate and vertebrate animals. Laboratory experiments are designed to demonstrate classical as well as modern approaches to the study of hormone action. Lectures, two hours per week; laboratories, six hours per week.
Additional Prerequisite: A course in physiology, or permission of the instructor.
- 440 Evolution (3)**
A study of the mechanism and patterns of plant and animal evolution, with emphasis on the species level of organization. Lectures, three hours per week.
- 450 Problems in Marine Biology (1-4)**
Literature and laboratory investigations of specific problems directly concerned with ecology, distribution, or development of marine organisms. Open to exceptional students with junior or senior standing who are interested in continuing toward a graduate degree in biological or related sciences. Credit value determined by type of problem addressed. Enrollment by permission of the instructor.
- 451 Problems in Biology (1-4)**
Literature and laboratory investigations of specific problems in biology, the nature of the problem to be determined by the interest of each student after consultation with departmental faculty. Open to exceptional students with junior or senior standing who are interested in continuing toward a graduate degree in biological or related sciences. Credit value is determined by the type of problem addressed. Enrollment by permission of instructor.
- 452 Seminar (1)**
- 453 Special Topics (1-4)**
Special studies developed by department members de-

signed to supplement an offering made in the department or to investigate an additional, specific area of biological research.

Additional Prerequisite: Permission of the instructor.

499

Bachelor's Essay (6)

A year-long research and writing project done during the senior year under the close supervision of a tutor from the department. Students must take the initiative in seeking tutors to help in both the design and the supervision of their projects. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

502

Special Topics in Marine Biology (1-4)

Special topics designed to supplement an offering made in the program or to investigate an additional, specific area of marine biological processes in the sea.

540

Marine Ecology (4) (Undergraduate and Graduate)

The theory of ecology and evolutionary biology as applied to marine communities. Emphasis will be placed on understanding and using ecological theory to interpret experimental field data gathered in the local marine environments. Lectures, three hours per week; laboratory, three hours per week.

Additional Prerequisite: One year of chemistry; mathematics through algebra, trigonometry or introductory calculus; and one semester of ecology.

CHEMISTRY

803-792-5587

Henry Donato, Jr., Chair

Professors

Charles F. Beam, Marion T. Doig

W. Frank Kinard, Clyde R. Metz

Associate Professors

Gary L. Asleson, James P. Deavor

Henry Donato, Frederick Heldrich, Gary C. Faber

Assistant Professors

Elizabeth M. Martin

The Department of Chemistry at the College of Charleston has a curriculum approved by the American Chemical Society and offers bachelor of science degrees in chemistry and biochemistry and a bachelor of arts degree in chemistry. In addition, students may elect to receive a degree that is certified by the American Chemical Society in Chemistry or Biochemistry.

The chemistry curriculum is designed to serve the diverse needs of science and non-science majors. Most chemistry majors elect to continue their education by attending graduate or professional schools. For these students, the bachelor of science degree is highly recommended. For students planning to attend medical, dental, veterinary, or pharmacy schools, the bachelor of science degrees are recommended; but these students may find that the bachelor of arts program allows more flexibility.

Many upper-level chemistry courses offer topics that are of special interest to students majoring in other science disciplines such as biology, geology, physics, and mathematics. These students should carefully review the prerequisite structure of the chemistry program to prepare themselves to take the upper-level courses.

In addition, the Department of Chemistry offers a survey course that touches on all branches of chemistry for the non-science major. This course sequence, Chemistry 101/101L-102/102L, offers an insight into the way in which chemistry affects all facets of our daily life. This course is often elected by students planning careers in nursing, allied health areas, and non-science related disciplines.

Major Requirements

The Pre-Professional Major Program: This program is designed for students who intend to pursue graduate work in chemistry; attend medical, dental, or professional schools; or plan to enter the chemical industry after graduation. Students who major in this program will be considered candidates for the bachelor of science degree.

The major requirements total 42 hours in chemistry, which must include Chemistry 111 and 111L, plus 112 and 112L, or Honors 145C and 146C, 221, 231 and 231L, 232 and 232L, 441 and 441L, 442 and 442L, 491, 511, 521, 571, and at least one three-hour elective from courses at the 300 level or above, exclusive of Chemistry 583. (Physics 201-202 or its equivalent is required of all B.S. chemistry majors; however, students who have taken Physics 101-102 before declaring a chemistry major may satisfy this requirement by taking additional related courses.) Mathematics 220 also is required for the B.S. degree in chemistry.

Program schedules giving suggested course sequences for pre-professional chemistry majors are available from the department in Room 314 of the Science Center. All junior and senior chemistry majors are strongly encouraged to attend the scheduled departmental seminars.

NOTE: Students who have taken Honors 145C and 146C will have satisfied the requirements for Chemistry 111/111L-112/112L and 221/221L, but must take sufficient additional electives to meet the 42-hour degree requirement.

Students may obtain a B.S. degree in Chemistry certified by the American Chemical Society by including Chemistry 481 (Introductory Research), or Chemistry 499 (Bachelor's Essay) in their programs.

The Liberal Arts Major Program: In this program, the course requirements in chemistry are intended to provide students with strong backgrounds in the principal areas of chemistry while permitting a greater flexibility in elective courses than is possible in the pre-professional program. This leads to a bachelor of arts degree.

The major requirements are 32 semester hours in chemistry, which must include Chemistry 111 and 111L, plus 112 and 112L, or Honors 145C and 146C, 221, 231 and 231L, 232 and 232L, 441 and 441L, 442 and 442L, 491 and at least one three-hour elective from courses at the 300 level or above, exclusive of Chemistry 583. Program schedules giving suggested course sequences for B.A. chemistry majors are available from the department in Room 314 of the Science Center.

CHEMISTRY

Teacher Education Program: Students who major in chemistry can become certified to teach chemistry in secondary schools, grades 9-12. Requirements include admission to, and successful completion of, an approved teacher education program. After declaration of a major in chemistry, students interested in teacher certification must contact the coordinator of certification and student teaching, School of Education, 9 College Way, for complete details about the program.

In the course descriptions listed below, whenever a laboratory course is listed as a corequisite for a lecture course, or vice versa, withdrawal from one course requires withdrawal from the other.

Requirements for a Minor in Chemistry: 15 hours beyond Chemistry 112/112L are required (for a total of 23 hours). These hours shall include Chemistry 221/221L, either Chemistry 231/231L, 232/232L, or Chemistry 441/441L, 442/442L, plus three hours of electives at the 300 level or above.

CHEMISTRY COURSES

101 General Chemistry (3)

A course designed to meet the needs of both the non-science major and the students entering allied health fields. Emphasis is placed on basic chemistry concepts, giving the student a strong background on a variety of topics in order to appreciate the role of science and particularly chemistry in modern-day life. Topics include atomic structure, chemical bonding, stoichiometry, kinetics, equilibria, and nuclear chemistry. Lectures, three hours per week. Competency at the mathematics 101 level and beyond is suggested. Chemistry 101 is not open to students who have taken Chemistry 111 or 112.

Corequisites: Chemistry 101L.

101L General Chemistry Laboratory (1)

A laboratory program to accompany Chemistry 101. Experiments are designed to introduce students to chemical techniques and to illustrate concepts covered in the classroom. Laboratory, three hours per week.

Corequisite: Chemistry 101

- 102** **Organic and Biological Chemistry (3)**
This course is designed to meet the needs of allied health students, but it is also suitable for any non-science major. This is a descriptive course that covers organic and biological chemistry. Topics include organic functional groups, reactions, carbohydrates, lipids, proteins, nucleic acids, and metabolism. Lecture, three hours per week.
Prerequisite: Chemistry 101 or Chemistry 111.
Corequisite: Chemistry 102L.
- 102L** **Organic and Biological Chemistry Laboratory (1)**
A laboratory program to accompany Chemistry 102. Designed to enhance chemical laboratory skills and to illustrate the concepts covered in Chemistry 102. Laboratory, three hours per week.
Corequisite: Chemistry 102.
- 111** **Principles of Chemistry (3,3)**
112 An introductory course in chemistry emphasizing theoretical aspects and designed primarily for students who intend to take one or more additional courses in chemistry. Lectures, three hours per week.
Corequisites and prerequisites: Chemistry 111L is a corequisite for Chemistry 111. Chemistry 111 and 111L are prerequisites for Chemistry 112. Chemistry 112L is a corequisite for Chemistry 112. Students enrolled in Chemistry 111 are urged to take Mathematics 111; those in Chemistry 112 are urged to take Mathematics 120.
- 111L** **Principles of Chemistry Laboratory (1,1)**
112L A laboratory course designed to introduce the student to the application of the scientific method in solving chemical problems and to acquaint him or her with specific tools and techniques used in the chemistry laboratory, while reinforcing and illustrating concepts encountered in lecture. Laboratory, three hours per week.
Corequisites and prerequisites: Chemistry 111 is a corequisite for Chemistry 111L. Chemistry 112 is a corequisite for Chemistry 112L. Chemistry 111 and 111L are prerequisites for Chemistry 112L.

- 221 Quantitative Analysis (4)**
A study of the chemistry of quantitative analysis. Special attention is given to equilibria involving acids, bases, precipitates, complex ions, and oxidizing and reducing agents. In the laboratory, an opportunity is provided for solving problems in gravimetric and volumetric analysis, along with an introduction to the use of instruments for chemical analysis. Lecture, two hours per week; laboratory, six hours per week.
Prerequisites: Chemistry 112, 112L.
- 231 Organic Chemistry (3,3)**
232 An introduction to the chemistry of carbon. A systematic study of nomenclature, structure, properties, and reactions of aliphatic and aromatic compounds. Attention is given to recent developments in interpretation of structure and reaction mechanisms. Lecture, three hours per week.
Corequisites or prerequisites: Chemistry 112 and 112L or their equivalents are prerequisites for Chemistry 231. Chemistry 231L is a corequisite for Chemistry 231. Chemistry 231 and 231L are prerequisites for Chemistry 232. Chemistry 232L is a corequisite for Chemistry 232.
- 231L Introduction to Organic Chemistry Laboratory Techniques (1)**
Theories underlying standard organic laboratory techniques are introduced. The student then applies these methods to the synthesis, isolation, and purification of representative organic compounds. The student is introduced to the use of instrumental and spectral methods in organic chemistry.
Corequisite: Chemistry 231.
- 232L Organic Synthesis and Analysis (1)**
The methodology and strategy of organic synthesis are developed further through the use of synthetic sequences. The combined use of chemical and spectral methods to identify organic compounds is introduced.
Prerequisite: Chemistry 231 and 231L. Corequisite: Chemistry 232.

- 351 Biochemistry (3)**
An introduction to the chemistry of biological compounds. A systematic study of carbohydrates, lipids, amino acids, proteins, nucleic acids, and their components is presented. Metabolism of biological compounds is studied as are the interrelations among the carbon, nitrogen, and energy cycles. Lectures, three hours per week.
Prerequisites: Chemistry 232, 232L.
- 352 Biochemistry II (3)**
A continuation of Chemistry 351 with an emphasis on the chemistry of physiological systems. Topics to be included are the biosynthesis of amino acids and nucleotides, molecular biology, biochemistry of contractile systems, active transport, drug metabolism, and neurochemistry.
Prerequisite: Chemistry 351.
- 354L Biochemistry Laboratory (1)**
A laboratory program designed to introduce the student to the study of biological molecules. Experiments will include procedures for the quantification, isolation, and characterization of various cellular components.
Prerequisite: Chemistry 351.
- 399 Tutorial (3, repeatable up to 12)**
Individual instruction given by a tutor in regularly scheduled meetings (usually once per week).
Prerequisites: Junior standing, plus permission of the tutor and the department chair.
- 441 Physical Chemistry (3,3)**
442 Basic principles of chemistry treated primarily from a theoretical viewpoint. The major topics covered are atomic and molecular structure; elementary thermodynamics and statistical mechanics; properties of gases, liquids, and solids; theories of solution; homogeneous and heterogeneous equilibria; electrochemistry and surface chemistry; spectroscopy; transport processes; and chemical kinetics. Lectures, three hours per week.
Corequisites and prerequisites: Chemistry 441L is a corequisite for Chemistry 441. Chemistry 441 and 441L are prerequisites for Chemistry 442. These corequisites may be

waived only with the permission of the instructor. Mathematics 220 is a prerequisite for 441.

441L Physical Chemistry Laboratory (1,1)

442L A laboratory program to accompany Chemistry 441, 442. Laboratory, three hours per week.

Corequisites and prerequisites: Chemistry 441 is a corequisite for Chemistry 441L. Chemistry 442 is a corequisite for Chemistry 442L. Chemistry 441 and 441L are prerequisites for Chemistry 442L.

481 Introductory Research (2)

An opportunity is provided to use the literature and to apply a variety of experimental techniques in the investigation of selected problems in inorganic, analytical, organic, physical, or biochemistry, or in chemical oceanography. A report will be made to the Department of Chemistry at the conclusion of the project in a form suitable for placing in the departmental reading room. Arrangements for a project should be made with the department during the semester prior to that in which it is carried out.

482 Introductory Research II (2)

A continuation of Chemistry 481. Open to students who have done satisfactory work in Chemistry 481. Separate reports must be submitted to the Department of Chemistry of work done in 481 and 482, unless approval is given by the director.

491 Chemistry Seminar (1)

A weekly seminar during which recent advances in chemistry are presented by visiting speakers from major southeastern research universities. Seminar, one hour per week. Prerequisite: Senior status or permission of the department.

499 Bachelor's Essay

A year-long research and writing project done during the senior year under the close supervision of a mentor from the department. The student must take the initiative in seeking a mentor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

- 511 Advanced Inorganic Chemistry (3)**
An advanced course that aims to provide a balanced view of the theoretical principles involved in present-day inorganic research.
Prerequisites or corequisites: Chemistry 441 and 442.
- 521 Instrumental Analysis (4)**
Theory and principles underlying the techniques of modern analytical chemistry. The student carries out qualitative and quantitative analysis using chromatographic, spectrophotometric, electroanalytical, magnetic resonance, radiochemical, and other selected instrumental techniques. Lectures, three hours per week; laboratory, three hours per week.
Prerequisite: Chemistry 221.
- 522 Environmental Chemistry (3)**
An introduction to the chemistry of natural systems with an emphasis on marine and coastal problems. The cycling of chemical species, the effect of man-made inputs and environmental analytical methodology will be stressed. Lectures, three hours per week.
Prerequisite: Chemistry 221.
- 522L Environmental Chemistry Laboratory (1)**
An introduction to sampling and measurement techniques used to characterize the environment. Electrochemical, spectroscopic, and chromatographic techniques will be used with both laboratory and field investigations. Laboratory, three hours per week.
Corequisite: Chemistry 522.
- 531 Advanced Organic Chemistry (3)**
An in-depth examination of the major organic reaction mechanisms is followed by an in-depth utilization of spectra for structural assignment. The major concepts of organic chemistry are reviewed along with a review of relevant material already presented in introductory organic chemistry courses. Special topics may include heterocycles, organic polymers, synthesis methodology, the utilization of molecular orbitals, and orbital symmetry for certain organic reactions. Lectures, three hours per week.

Prerequisite: Chemistry 232.

- 541 Advanced Physical Chemistry (3)**
A supplemental course to Chemistry 441 and 442 dealing primarily with molecular structure and bonding and with statistical thermodynamics.
Prerequisite: Chemistry 442.
- 571 Chemical Synthesis and Characterization (3)**
A study of the chemistry of and methods for the synthesis, separation, and identification of chemical compounds. Emphasis is given to specialized techniques involved in synthesizing organic and inorganic compounds, and to identification of compounds by spectral methods. Lectures, one hour per week; laboratory, six hours per week.
Prerequisite: Chemistry 232, 232L. Chemistry 511 is strongly recommended as a prerequisite or corequisite.
- 583 Special Topics in Chemistry (1,2, or 3)**
This course is normally divided into thirds. Each third deals with a recent development in chemistry or with advanced theoretical concepts not included in other chemistry courses. Topics are taken from all areas of chemistry and will vary from semester to semester. The student may enroll for one, two, or three of the sub-courses. Occasionally, a full semester single course is offered (e.g., Organic Polymer Chemistry).
Prerequisite: Permission of the instructor.

BIOCHEMISTRY MAJOR

The Department of Chemistry offers a degree program that will lead to a Bachelor of Science degree in Biochemistry. This degree is intended to provide a strong background in chemistry, biochemistry, and biology to a broad spectrum of undergraduate students. The degree program provides a firm foundation for further graduate study in biochemistry, chemistry, pharmacology, toxicology, and other biochemistry-based life sciences, as well as providing a rigorous course of study for students who pursue professional careers in medicine, dentistry, and pharmacy. In addition, students who elect not to continue their education would find themselves well prepared for technical positions in the newly emerging biomedical industries as well as the

more traditional chemical, pharmaceutical, health-care, and environmental fields.

Major Requirements: The major requirements for the Bachelor of Science degree in Biochemistry are 36 hours of chemistry, 14 hours of biology, and 16 hours in related areas. Some of the courses may be used to satisfy the minimum degree requirement.

The courses required for the major include Chemistry 111 and 111L, plus 112 and 112L, or Honors 145C and 146C, 221, 231 and 231L, 232 and 232L, 351, 352, 354L, 441 and 441L, 442 and 442L, and 491. Biology courses required are 111 and 112 plus eight hours in advanced laboratory courses to be selected from Biology 310, 311, 312, and 321. (Physics 201-202 or its equivalent is required of all B.S. biochemistry majors, however, students who have taken Physics 101-102 before declaring a biochemistry major may satisfy this requirement by taking additional related courses.) Mathematics 220 also is required for the B.S. degree in biochemistry. This degree program follows guidelines suggested by the American Chemical Society and the American Society of Biochemistry and Molecular Biology for an undergraduate degree in biochemistry. Program schedules giving suggested course sequences for pre-professional chemistry majors are available from the department in Room 314 of the Science Center.

The American Chemical Society is currently developing standards for the certification of graduates in chemistry with an emphasis on biochemistry, and this program meets or exceeds the preliminary standards.

All students majoring in biochemistry are encouraged to plan to take the research courses 481 and 482 in their senior year. In addition, the Department of Chemistry will approve advanced biochemistry courses at the Medical University of South Carolina for elective credit under the Charleston Higher Education Institutions agreement for especially well-qualified students.

BIOCHEMISTRY COURSES

351 Biochemistry (3)

An introduction to the chemistry of the biological compounds. A systematic study of carbohydrates, lipids, amino acids, proteins, nucleic acids, and their components is presented. Metabolism of the biological compounds is studied as are the interrelations among the carbon, nitrogen, and energy cycles. Lectures, three hours per week.

Prerequisites: Chemistry 232, 232L.

352 Biochemistry II (3)

A continuation of Chemistry 351 with an emphasis on the chemistry of physiological systems. Topics to be included are the biosynthesis of amino acids and nucleotides, molecular biology, biochemistry of contractile systems, active transport, drug metabolism, and neurochemistry.

Prerequisite: Chemistry 351.

354L Biochemistry Laboratory (1)

A laboratory program designed to introduce the student to the study of biological molecules. Experiments will include procedures for the quantification, isolation, and characterization of various cellular components.

Prerequisite: Chemistry 351.

COMPUTER SCIENCE

803-792-6905

C. Richard Crosby, Chair

Professor

James B. Wilkinson

Associate Professor

C. Richard Crosby, George J. Pothering

Assistant Professors

Walter M. Pharr, Jr., Christopher W. Starr

The importance of the study of computers in a liberal arts environment is becoming increasingly evident. Computer simulation of abstract and real-world systems now forms the basis for research in many areas. Computer-assisted analysis of problems touches every academic discipline. A growing number of our institutions—including banks, insurance companies, manufacturers, retailers, and governmental agencies—would be incapable of efficient operation today without the aid of their various computer systems. Job content in computer-related positions within these institutions is requiring higher levels of education to deal with the rapid evolution in computer and information sciences.

This program is designed to serve the needs and interests of a broad spectrum of students who see the probable interaction of computers in their present or proposed careers, while ensuring a sound foundation for those students who seek to major in computer science by providing the breadth and depth of the discipline.

To many people computer science means computer programming. Computer science is more than programming, it is a science pertaining to computers and computation. This includes the study of algorithms, the process of computation, the representation and organization of information, and relationships between computers and their users.

Facilities available for the study of computer science at the College include more than 200 personal computers; two large multi-user computer systems supporting nearly 100 terminals; and two smaller multi-user systems supporting specialized courses in graphics, artificial intelligence, and data base management systems.

Two principal concentrations are offered through the program that lead to baccalaureate degrees in computer science. In addition to the basic degree leading to a professional career or graduate study in computer science, there is a concentration in Information Systems

leading to professional positions such as applications programmers, systems programmers, systems analysts, and information systems managers, while keeping open the option of continuing study in graduate school.

In addition to the majors in computer science, there are two minor programs in computer science, one intended primarily for business majors and one for other majors.

PROGRAM REQUIREMENTS

The communication skills of the student, both oral and written, are developed and applied throughout the program. The social and ethical implications of computing are also addressed. These topics receive special emphasis in the required software engineering sequence (CSCI 360/361).

Required Curriculum: Consists of 24 hours of courses in computer science which must be taken by all students seeking a Bachelor of Science degree in Computer Science. These courses are Computer Science 220, 221, 250, 320, 330, 340, 360, and 361.

Bachelor of Science with Concentration in Computer Science: The student must complete, in addition to the required curriculum, 15 hours of computer science courses at or above the 300 level for a total of 39 hours. Mathematics requirements for this degree include Calculus through Calculus II (Mathematics 220), two semesters of Discrete Structures (Mathematics 207 and 307), and Applied Statistics (Mathematics 231). Also required are Accelerated Symbolic Logic (Philosophy 217), two semesters of General Physics (Physics 201 and 202), and six additional hours of science required of science majors.

Bachelor of Science with Concentration in Computer Information Systems: Students must complete, in addition to the required curriculum, 9 hours of computer science courses at or above the 300 level including Computer File Organization (Computer Science 335), and Database Management Systems (Computer Science 430). Mathematics requirements for this degree include Calculus I (Mathematics 120), two semesters of Discrete Structures (Mathematics 207 and 307), Mathematics 231 and an approved Mathematics elective or Accelerated Symbolic Logic (Philosophy 217). Business Administration requirements are Accounting I and II (BADM 203 and 204), Management (BADM 301), and Business Finance (BADM 303). Note that BADM 303

has Economics 201 and 202 as prerequisites.

Minor in Computer Science: Requires 18 hours of a computer science courses to include Computer Science 220, 221, 250, 320, 330, and 340. Mathematics requirements are one semester of Calculus (Mathematics 105 or 120) and one semester of Discrete Mathematics (Mathematics 207).

Minor in Information Systems: Requires 18 hours of computer science courses to include Computer Science 220, 221, 330, 335, 360 and either Computer Science 361 or 430. Mathematics requirements are one semester of Calculus (Mathematics 105 or 120) and one semester of Discrete Mathematics (Mathematics 207).

COMPUTER SCIENCE COURSES

A prerequisite for any computer science course is College Algebra (Mathematics 101) or advanced placement in mathematics.

101 Introduction to Computers (3)

An introduction to computer fundamentals with an orientation toward microcomputers. Included are computer terminology, the basics of computer hardware and software, the programming process, and the social implications of a computerized society. A major portion of the course consists of a "hands-on" introduction to commonly used microcomputer software—word processing, file management, and electronic spreadsheet packages. Lectures, three hours per week. F,S, Su

120 Problem Solving and Algorithm Development (3)

A course designed to develop skills in structured problem solving—especially methods for representing problems and techniques for searching for solutions. Extensive work will be done in designing, testing, and evaluating algorithms for carrying out problem solutions. While this course will provide the student with a foundation for computer programming, little attention will be given to programming. The course is intended for any student interested in becoming more effective at solving problems. Lectures, three hours per week. F,S.

- 220 Computer Programming I (3)**
An introduction to computer programming in Pascal language. Included are the development of algorithms and procedure-level programming, stressing principles of good programming. Emphasis is on the use of top-down design to produce structured programs that are easily manipulated, modified, and maintained. Lectures, three hours per week. F,S, Su
- 221 Computer Programming II (3)**
This course further develops material introduced in Computer Science 220, including files and pointers in Pascal. It concentrates on the development of abstract data types and the use of elementary data structures. Data structures introduced include stacks, queues, lists and binary trees. Lectures, three hours per week. F,S
Prerequisite: Computer Science 220.
- 235 COBOL Programming (3)**
An introduction to COBOL, the principal programming language for business and other data processing applications. A rapid survey of the elements of the COBOL language is followed by a detailed discussion of its application to the organization and processing of sequential data files. Lectures, three hours per week. F
Prerequisite: Computer Science 220.
- 250 Introduction to Computer Organization and Assembly Language Programming (3)**
Number systems: decimal binary, hexadecimal. Internal components of a computer and their interconnection and operation: memory, central processor, input and output devices. The fetch/execute cycle. Assemblers, relocating linkers, and assembly language. Programming exercises using assembly language on a commonly available processor. Lectures, three hours per week. F,S
Prerequisite: Computer Science 220.
- 299 Special Topics in Computer Science (3)**
A course focusing on a selected topic from the intermediate level of computer science. Such topics include languages not otherwise taught in the computer science curriculum, soft-

ware and hardware interfacing, system usage, and specific applications programs. This course may be repeated for additional credit.

Prerequisites: Computer Science 220 and permission of the instructor.

320 Organization of Programming Languages (3)

This course introduces the formal study of programming language specifications and develops an understanding of the organization of programming languages. Topics include data types, control structures and procedure mechanisms of imperative languages; data abstraction and object-oriented programming; functional programming; and logic programming. Lectures, three hours per week. F

Prerequisites: Computer Science 221 and Mathematics 207.

330 Data Structures and Algorithms (3)

This course reviews and develops the abstract data type as a mathematical model. Data structures and algorithms are developed as concrete realizations of the objects and operations of the abstract data type. Topics include a review of basic data structures, trees and graphs, and analysis of the efficiency of algorithms. Lectures, three hours per week. F,S

Prerequisites: Computer Science 221 and Mathematics 207.

335 Computer File Organization (3)

An intensive study of the organization and processing of files with emphasis on indexed and direct access files. Topics include access methods, physical and logical characteristics of files, and elementary data base processing. Lectures, three hours per week. F

Prerequisites: Computer Science 221 and Mathematics 207.

340 Operating Systems I (3)

The course will introduce operating systems principles with an emphasis on multiprogramming systems. Among the concept areas covered are real and virtual storage management, processor management, process synchronization and communication, I/O management, and file management. Lectures, three hours per week. S

Prerequisites: Computer Science 221, 250, and Mathematics 207.

- 360 Software Engineering I (3)**
An introduction to the theory and practice of the development of large-scale, high quality software systems in a cost-effective manner. The focus is on the analysis and design of software systems. Development tools and techniques will be used by student teams to produce the specification and design of a software system. Lectures, three hours per week.
F
Prerequisites: Computer Science 330.
- 361 Software Engineering II (3)**
This course continues the topics covered in Computer Science 360 into the implementation of a large-scale project by student teams working from requirements—specification documents and preliminary design documents developed in Computer Science 360. Additional topics to be covered include software quality assurance, testing techniques and strategies, and software maintenance and configuration management. Lectures, three hours per week. S
Prerequisite: Computer Science 360.
- 399 Tutorial (3, repeatable up to 12)**
Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).
Prerequisites: Junior standing, plus permission of the tutor and the department chair.
- 410 Automata and Formal Languages (3)**
Topics to include finite automata and major expressions, programs generating finite automata, pushdown automata and context-free grammars, programs generating pushdown automata, the Chomsky hierarchy, Turing machines, undecidability, and computational complexity. Lectures, three hours per week. F
Prerequisites: Computer Science 320, 330, and Mathematics 307.
- 420 Principles of Compiler Design (3)**
A course in the formal treatment of programming language translation and compiler design concepts. Topics include scanners, parsers, and translation. Lectures, three hours per week. eS

Prerequisites: Computer Science 320, 330, and Mathematics 307.

430 Data Base Management Systems (3)

Concepts and structures necessary to design and implement a data base management system (DBMS) are studied. Data models, query facilities, file and index organization, and file security are among the topics covered. Emphasis will be on the relational and CODASYL models. Problems will be assigned using a relational DBMS. Lectures, three hours per week. S

Prerequisite: Computer Science 330.

450 Computer Organization (3)

A course designed to introduce the student to principles of computer design and organization at the digital-logic, register-transfer, and conventional-machine levels. Among the topics covered will be combinational and sequential circuits, including the use of integrated circuits in the design of digital circuits; principles of sequential processors; memory organization; and the organization of I/O subsystems. Lectures, three hours per week. F

Prerequisites: Computer Science 330, 340, and Mathematics 307.

470 Principles of Artificial Intelligence (3)

A course introduces the principles of artificial intelligence, especially basic techniques for problem-solving and knowledge representation. Among topics covered are search strategies and heuristics; resolution, production systems, rule-base systems, expert systems and natural language processing, semantic nets and frames. Artificial intelligence programming techniques will also be introduced, particularly in Lisp or Prolog. S

Prerequisites: Computer Science 320, 330 and Mathematics 307.

480 Principles of Computer Graphics (3)

An introduction to the fundamental principles of computer graphics with a primary orientation to microcomputer systems. Among the topics covered are basic hardware concepts, line-drawing (vector graphics), two- and three-dimen-

sional transformations, raster graphics, structure of graphics packages, image enhancement techniques, and interactive techniques. Students will be expected to design and implement a simple graphics package as a term project as well as complete several smaller assignments. Lectures, three hours per week. oS

Prerequisites: Computer Science 330, Mathematics 220 and 307.

490 Special Topics (3)

An intensive investigation of an area of current interest in computer science. Examples of special topics include: Microcomputer Laboratory, Minicomputer Laboratory, Telecommunications/Networks/Distributed Systems, Systems Simulation, Systems Programming, Computability, and Simulation and Modeling. Lectures, three hours per week. Prerequisite: Permission of the instructor.

499 Bachelor's Essay (6)

A year-long research and writing project done during the senior year under the close supervision of a tutor from the department. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

GEOLOGY

803-792-5589

Michael P. Katuna, Chair

Professors

James L. Carew, Michael P. Katuna

Associate Professors

Alexander W. Ritchie, Robert L. Nusbaum

Assistant Professors

Sara H. Baldwin, A. Kem Fronabarger

Mitchell W. Colgan

Geology is the science of the Earth—an organized body of knowledge about the planet on which we live. The geologist is concerned with the Earth—the materials that compose it, the nature of its interior, the shape of its surface, the natural processes acting upon it, and its history. The historical aspect sets geology apart from the other physical sciences.

A basic knowledge of biology, chemistry, physics, and mathematics is fundamental to the study of geologic phenomena. Geology thus involves the application of all science and scientific methods to the study of the Earth and its resources.

Studies have shown that there has been a steady increase in the number of geologists employed during the last five years, with a significant increase in the number of job opportunities for bachelor's degree holders. Employment opportunities for professional Earth scientists include: the mining industry, petroleum industry, government and state agencies, educational institutions, and environmental consulting firms. It must be stressed, however, that those students who have continued for an advanced degree have had an easier time in locating and selecting desirable positions.

At the College of Charleston, students have the opportunity to work closely with professors and to do research using such equipment as a scanning electron microscope, X-ray diffractometer, IBM and Macintosh computers, portable seismic refractometer, magnetometer, and petrographic and binocular microscopes. The department also maintains a well-equipped rock and thin-section preparation laboratory, a remote sensing and image processing laboratory, as well as extensive rock, fossil, and mineral collections.

Students also are provided with the opportunity to take courses and/or conduct research at the Bahamian Field Station on San Salvador Island in the Bahamas.

Major Requirements: The Bachelor of Science degree in Geology requires a minimum of 42 hours in the Department of Geology. The required courses in geology are: Geology 101, 101L, 102, 102L, 201, 202, 208, 209, 210, 330 or 340, 360, and 490 plus electives. Also required are: Chemistry 111, 111L and 112, 112L; Physics 101, 101L and 102, 102L or Physics 201, and 202; Mathematics 111 or (Mathematics 101 and 107), Mathematics 120 and either Mathematics 220 or Mathematics 231. Courses in Computer Science are recommended.

The Bachelor of Arts degree in Geology requires a minimum of 36 hours in the Department of Geology. The required courses in geology are: Geology 101, 101L, 102, 102L, 201, 202, 208, 210, plus electives. Also required are one year of Chemistry 101, 101L and 102, 102L, or 111, 111L and 112, 112L; Physics 101, 101L and 102, 102L, or 201 and 202, or Biology 101, 103L and 102, 104L; Mathematics 111 or (Mathematics 101 and 107), and Mathematics 216. Courses in Computer Science and Geology 360 are recommended.

Recommended electives for marine geology and/or sedimentary geology concentration are Geology 207, 220, 306, 310, 312, 330, 350, and 416. Recommended electives for mineralogy/petrology concentration are Geology 312, 320, 330, 340, 350, 411, and Chemistry 441, 442.

Students electing to take independent study courses are allowed to enroll in a maximum of six credit hours of Senior Thesis, Special Problems courses, or both.

Minor Requirements: A minor in geology shall consist of at least 20 credit hours which must include Geology 101 and 101L, 102 and 102L, and 12 additional hours in geology selected to complement the student's major. The courses must be approved by the student's major advisor and his or her geology advisor.

GEOLOGY COURSES

101 Physical Geology (3)

This course examines many aspects of the Earth: its internal structure and composition; its atmosphere and oceans; surface processes such as erosion by streams, wind and glaciers, and the folding and faulting of solid rock; as well as earthquakes, volcanism, and plate tectonics. Lectures, three hours per week.

101L Physical Geology Laboratory (1)

A laboratory course to accompany Geology 101. Labora-

tory, three hours per week.

Corequisite or Prerequisite: Geology 101

102 Historical Geology (3)

An overview of the 4.5-billion-year-long history of our planet as revealed by analysis and interpretation of the geologic and paleontologic record preserved in rocks of the earth's crust. Lectures, three hours per week.

Prerequisites: Geology 101 and 101L.

102L Historical Geology Laboratory (1)

A laboratory course to accompany Geology 102. Laboratory, three hours per week.

Corequisite or Prerequisite: Geology 102

201 Structural Geology (4)

Genesis, classification, and recognition of geologic structures. Fundamental concepts of tectonics; origin, arrangement, and distribution of rock masses that form the Earth's crust. Lectures, three hours per week; laboratory, three hours per week.

Prerequisites: Geology 101 and 102, and Mathematics 107.

202 Invertebrate Paleontology (4)

An investigation of evolutionary thought and taxonomic classification; the origin of life on Earth and its subsequent development. A paleo-biological approach to the geologically significant invertebrate taxa, emphasizing their morphology, phylogeny, and ecology. Lectures, three hours per week; laboratory, three hours per week.

Prerequisites: Geology 101 and 102.

205 Urban and Environmental Geology

Man's impact on the geologic environment; waste disposal, mineral resources and conservation, land reclamation, energy, population growth, and other related topics will be discussed. Lectures, three hours per week.

Prerequisite: Geology 101, or permission of instructor.

207 Marine Geology (4)

A study of geological processes at work in the sea. Discussion of the various marine environments ranging from the

nearshore estuarine and coastal environments to those of the deep ocean basins. Lectures, three hours per week; laboratory, three hours per week.

Prerequisites: Geology 101 and 102, or Geology 101 and one year of laboratory science.

208 Mineralogy and Petrography (4)

The systematic description, theory, and classification of crystals, minerals and rocks. Instruction in the megascopic identification of rocks and minerals. Lectures, three hours per week; laboratory, three hours per week.

Prerequisites: Geology 101, 102, and Chemistry 101 or 111.

209 Mineral Optics

The theory of light transmission and its refraction by glasses and crystalline solids. Instruction in the use of the petrographic microscope. The identification of crystalline solids by oil immersion techniques and in thin section. Lecture, one hour per week, laboratory, three hours per week.

Prerequisites: Geology 101, 102, and 208.

210 Stratigraphy and Sedimentation (4)

This course will introduce students to the various stratigraphic principles, relationships, and analyses used by geologists to interpret sedimentary rock sequences. Students will also be introduced to sedimentary processes and properties that can be used to identify and interpret sedimentary environments in the stratigraphic record. Lectures, three hours per week; laboratory, three hours per week.

Prerequisites: Geology 101 and 102, Geology 202 (recommended).

220 Hydrogeology (4)

The interaction of water with the Earth's surface and subsurface: the hydrologic cycle and budget, runoff, hydrographs, soil moisture, aquifer characteristics, principles of ground-water flow, well hydraulics, and ground-water exploration in various geologic terrains. Lectures, three hours per week; laboratory, three hours per week.

Prerequisites: Geology 101 and 102, Mathematics 101, or permission of the instructor.

- 300 Special Problems in Marine Geology (1-3)**
301 Investigation of specific geologic problems which may involve laboratory, literature, and field work.
- 302 Special Problems in Geology (1-3)**
303 Investigation of specific geologic problems which may involve laboratory, literature, and field work.
- 306 Geomorphology (4)**
An introduction to the understanding of geomorphic principles used to interpret the evolution of land forms and the geomorphic history of different regions of the United States. Practical applications to such fields as ground water hydrology, soil science, and engineering geology. Laboratory sessions will deal with the interpretation of aerial photographs, soil maps, and topographic maps. Lectures, three hours per week; laboratory, three hours per week.
Prerequisites: Geology 101 and 102.
- 310 Coastal Plain Stratigraphy (3)**
Principles of synthesis and correlation of the stratigraphic record. Emphasis on the Mesozoic and Cenozoic of the Carolina coastal plain. Lectures, three hours per week.
Prerequisites: Geology 101, 102, 202, and 210, or permission of the instructor.
- 312 Field Methods (3)**
Measurement of geologic structures and sections, note taking, and sample collecting will be described in lecture and illustrated in the field. Students will construct topographic maps and geologic maps and write geologic reports and abstracts. The field use of the brunton compass, plane table and alidade, aerial photographs, and altimeters will be stressed. Lectures, two hours per week; laboratory, three hours per week.
Prerequisites: Geology 101, 102, and 201, or permission of instructor.
- 320 Economic Geology (4)**
The classification, description, and ore-forming processes of mineral deposits will be discussed. Laboratory exercises include studying mineral deposit sites and evaluating ore

grade. Lectures, three hours per week; laboratory, three hours per week.

Prerequisites: Geology 101, 102, 201, and 208, or permission of the instructor.

330 Sedimentary Petrology (4)

A petrographic approach to the classification and genetic interpretation of sedimentary rocks. Terrigenous sandstones and carbonate rocks will be emphasized with lesser stress on mud rocks and non-carbonate chemical rocks. Lectures, three hours per week; laboratory, three hours per week.

Prerequisites: Geology 101, 102, 208, and 209, or permission of the instructor.

340 Igneous and Metamorphic Petrology (4)

Description, classification, occurrence, and geologic significance of igneous and metamorphic rocks. Emphasis is placed on the mineralogy and physical chemistry of silicate and nonsilicate systems. Laboratory consists of the study of igneous and metamorphic rocks in thin section. Lectures, three hours per week; laboratory, three hours per week.

Prerequisites: Geology 101, 102, 208, and 209, or permission of the instructor.

350 Geochemistry (4)

An in-depth study of selected chemical principles that are fundamental to an understanding of the formation of elements, petrogenesis, marine geochemistry, and atmospheric studies. The cyclic nature of geochemical processes is stressed. Lectures, three hours per week; laboratory, three hours per week.

Prerequisites: Geology 101 and 102, and Chemistry 111, 112 or 101, 102, or permission of the instructor.

360 Field Studies

Field course to be taken at any one of the approved college or university-sponsored field stations (consult your advisor). It should include instruction in the use of geologic field instruments and the preparation of geologic maps and sections.

Prerequisites: Geology 201, 208, and 210 or permission of the department.

- 399** **Tutorial (3, repeatable up to 12)**
Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).
Prerequisites: Junior standing, plus permission of the tutor and the department chair.
- 400** **Seminar in Geology (1-3)**
404 Lectures on selected topics of geologic interest. Enrollment by permission of the instructor.
- 411** **Tectonics (3)**
Global Tectonics has revolutionized the earth sciences. This new model of planetary tectonic processes, which has been developed only in the last 20 years, provides an explanation of a wide variety of geologic processes over a wide range of scale, with a degree of accuracy unsurpassed by any previous theory. Lectures, three hours per week.
Prerequisites: Geology 101, 102, 201, and 210 or permission of the instructor.
- 416** **Paleoecology (4)**
Interpretation of ancient environments from the study of rocks and their contained fossil organisms. Emphasis will be placed on the recurrent paleobiotopes—paleolithotopes through geologic time and the evolution of community structure. Lectures, three hours per week; laboratory, three hours per week.
Prerequisites: Geology 101, 102, 202, 210, and 330, or permission of the instructor.
- 490** **Introduction to Research (1)**
This course will normally be conducted in the fall semester of the student's senior year and consists of successfully preparing and presenting a research proposal. Lecture, one hour per week; TBA.
Prerequisite: Senior standing or permission of the department.
- 491** **Senior Thesis (3)**
This course will normally be conducted during the spring semester of the student's senior year, and consists of conducting, writing, and presenting the results of the research

project that was prepared in GEOL 490. The results of the student's research must be presented at a scientific forum approved by his/her research advisor.

Prerequisites: Geology 490, or permission of the instructor.

499

Bachelor's Essay (6)

A year-long research and writing project done during the senior year under the close supervision of a tutor from the department. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

MATHEMATICS
803-792-5730
William Golightly, Chair

Professors

George Haborak, Gary Harrison, Robert Norton, Herb Silverman

Associate Professors

James P. Anderson, Beverly Diamond, William Golightly

Rose Hamm, W. Hugh Haynsworth

Katherine Johnston, Robert J. Mignone

Susan Prazak

Assistant Professors

Deanna Caveny, M. Rohn England, Martin Jones

Thomas Kunkle, Roger Logan, Sandra Powers

Dinesh Sarvate, Reuben Spake, Ewa Wojcicka, Paul Young

Instructor

Hope Florence

The Department of Mathematics offers a major, a minor, and a number of service courses for various disciplines. Before enrolling in a mathematics course, all entering students are advised to consult with their academic advisors or a member of the Department of Mathematics.

Students who complete a bachelor of science with a major in mathematics may choose several alternatives. First, they may pursue an advanced degree in mathematics or a closely related area such as biometry, computer science, information science, statistics, or operations research. Second, students who combine mathematics with another discipline that uses mathematics can pursue graduate work in the second discipline. These areas include biology, chemistry, economics, medicine, physics, and even such areas as sociology, political science, and psychology. Third, mathematics majors may teach at the secondary level. Finally, mathematics majors may work in business, industry, or government. Many of these positions do not require specific mathematical skills, but emphasize analytical reasoning.

The needs of mathematics majors will vary according to the career alternative the students choose upon graduation. Consequently, three options are offered to mathematics majors. The first option is in pure mathematics and is primarily intended for majors who will attend graduate school in mathematics. Those who select the mathematics major for its intrinsic value may also choose this option. The second option is for the prospective secondary mathematics teachers. Students who

exercise this option must complete the approved program for teacher certification and should apply for acceptance into this program no later than their junior year. The third option is in applied mathematics. Students who will work in business, industry, or government upon graduation, as well as many students who will attend graduate school, will elect this option. In order to be an applied mathematician, it is necessary to be able to apply mathematical knowledge to another subject. Hence, each student selecting the applied mathematics option must design an area of application. This area of application must be reviewed and approved by the department and should be submitted as early as possible.

Whatever career plans are made, mathematics majors should plan their courses of study as early as possible.

Mathematics majors typically should complete Mathematics 120, 203, 220, 221, Mathematics 245 or Computer Science 220 by the end of their sophomore years. Entering majors should enroll in one of these courses or the prerequisite(s) to Mathematics 120 (Mathematics 111 or 101).

The Department of Mathematics of the College of Charleston and the Biometry Department of MUSC jointly offer a five-year program leading to a B.S. with a major in mathematics and an M.S. in biometry. Students interested in this option should contact the chair of the Department of Mathematics in their freshman years.

NOTE: The frequency with which courses are offered is determined primarily by student needs and the desire to offer a balanced program for our majors. Following each course description is a code that indicates when the Department of Mathematics plans to offer each course. The code is: F, every fall semester; S, every spring semester; Su, every summer; oF, odd year fall semesters; eF, even year fall semesters; oS, odd year spring semesters; eS, even year spring semesters. The above schedule is subject to change due to student interests and other factors such as availability of faculty and changes in the curriculum. Courses without a code are offered when there is sufficient interest from students and faculty.

Major Requirements: Mathematics 120, 203, 220, 221, 295, 311 and 323 are required of all majors. In addition, each major must complete one of the following options:

Pure Mathematics Option: This option requires Mathematics 303, either Mathematics 403, 411 or 421, three hours at the 400 level or above, and six additional hours at the 200 level or above, excluding Mathematics 231. Also required is Computer Science 220. The Com-

puter Science 220 requirement will be waived for students who successfully complete Mathematics 245.

Teaching Option: This option requires Mathematics 216, 303, and 340, three hours at the 400 level or above, and six additional hours at the 200 level or above excluding Mathematics 231. Also required is Computer Science 220. The Computer Science 220 requirement will be waived for students who successfully complete Mathematics 245. Students who pursue the teaching option can be certified to teach mathematics in secondary schools, grades 9-12. Requirements include admission to and successful completion of the approved teacher education program in mathematics. After declaration of a major in mathematics, students interested in teacher certification must contact the coordinator of certification and student teaching, School of Education, 9 College Way, for complete details about the program.

Applied Mathematics Option: This option requires Mathematics 245, either Mathematics 350 or 531, either Mathematics 450 or 460, Mathematics 490, and nine additional hours of at the 290 level or above. Also required is an approved area of application of at least 18 hours. The area of application may be departmental, interdisciplinary, or topical. Applied mathematics majors, in consultation with their advisors, should develop proposed areas of application and submit them to the Applied Mathematics Committee for evaluation before the end of their Sophomore year. It is the student's responsibility to submit a written Practicum proposal to the Applied Mathematics Committee in the semester prior to that in which the Practicum is to be done (normally in the Senior year).

The calculation of the Grade Point Average (GPA) in the major will be based only on those mathematics courses which can be counted toward the major.

Minor Requirements: To obtain a minor in mathematics, students must complete Mathematics 120, 220, 221, 203, and two additional courses at the 300 level or above excluding Mathematics 320. At least six hours must be taken at the College of Charleston.

MATHEMATICS COURSES

- 090 Basic Mathematics (3)**
A course covering operations with decimals, fractions, and signed numbers, algebraic expressions, and solutions and graphs of linear and quadratic equations. Credit hours earned in this course may not be applied toward degree requirements. F, Su
- 100 Fundamentals of Algebra (6)**
This course covers the same topics listed under Mathematics 101 but is designed for students who need instruction at a slower pace. Background material from Mathematics 090 is discussed as needed. Only three semester hours of this course will be applied toward degree requirements. F
- 101 College Algebra (3)**
A course that emphasizes algebraic functions. Topics include algebraic equations and inequalities, and the properties and graphs of algebraic functions. F, S, Su
NOTE: Either of the sequences Mathematics 101 and Mathematics 107 or Mathematics 100 and Mathematics 107 is equivalent to Mathematics 111 for satisfying the prerequisite to Mathematics 120. Students who have completed Mathematics 111 or Mathematics 120 may not subsequently receive credit for Mathematics 100, 101, or 107. Students who have completed Mathematics 100, 101, or 107 may not subsequently receive credit for Mathematics 111. Students who complete Mathematics 105 may not subsequently receive credit toward graduation for Mathematics 100 or 101.
- 104 Elementary Statistics (3)**
Probability concepts, descriptive statistics, binomial and normal distributions, confidence intervals, and tests of hypotheses. F, S, Su
Prerequisite: Mathematics 101 or its equivalent, or a placement score beyond Mathematics 101 in the mathematics placement exam.
NOTE: Students may not receive credit for Mathematics 104 after having received credit for a higher level statistics or probability course.

- 105** **Calculus for Business and the Social Sciences (3)**
A one-semester course designed to introduce the basic concepts of calculus to students who are not majoring in mathematics or the natural sciences. Emphasis will be on applications of calculus to various disciplines. Not intended for those who plan to take additional calculus courses. F, S, Su
Prerequisites: Mathematics 101 or its equivalent, or a placement score beyond Mathematics 101 in the mathematics placement exam.
NOTE: Students may not receive credit toward graduation for both Mathematics 105 and Mathematics 120. See the note below Mathematics 101.
- 107** **Trigonometry (3)**
A course emphasizing the circular functions and their analytic properties. Topics include graphs of the trigonometric functions, identities, trigonometric equations, inverse trigonometric functions, logarithms, and the solution of triangles. F, S, Su
NOTE: See the note below Mathematics 101.
- 111** **Pre-Calculus Mathematics (4)**
A course that emphasizes the function concept. Topics include graphs of functions, the algebra of functions, inverse functions, the elementary functions, and inequalities. F, S, Su
NOTE: Students who complete Mathematics 120 may not subsequently receive credit toward graduation for Mathematics 111. See the note below Mathematics 101.
- 120** **Introductory Calculus (4)**
The techniques of calculus will be stressed. Topics include functions, limits and continuity, derivatives, the mean value theorem, applications of derivatives, the Riemann integral, application of the integral, the fundamental theorem of integral calculus, and logarithmic and exponential functions. F, S, Su
Prerequisite: Mathematics 111 or its equivalent.
NOTE: See the notes below Mathematics 101, 105 and 111.

- 140 Intuitive Geometry for Teachers (3)**
This is a course in geometry designed primarily for the elementary and middle school teacher. Topics include sets, basic concepts of geometry, the metric system, perimeter, area and volume. Some parallel readings on math education will be required. F, S.
Prerequisite: Mathematics 101 or equivalent.
- 203 Linear Algebra (3)**
Systems of linear equations, vector spaces, linear dependence, bases, dimension, linear mappings, matrices, determinants, and quadratic forms. F, S, Su
Prerequisites: Mathematics 120 and 220, or permission of instructor. Mathematics 220 may be taken as a corequisite.
- 207 Discrete Structures I (3)**
Theoretical concepts applicable to the theory of computing. Topics covered will be from the areas of: formal logic and proofs, sets, matrix algebra, relations and functions, recurrence relations, and graph theory. F, S
Prerequisite: Mathematics 105 or 120.
- 216 Introduction to Probability and Statistics (3)**
Emphasis will be on statistical testing and inference, with insight into the variety of applications of statistics. Students will have an opportunity to select problems from an area of their interest. Topics will include probability, random variables, important probability distributions, sampling distributions, point and interval estimation, hypothesis testing, regression, correlation, and analysis of variance. F, S
Prerequisite: Mathematics 120
NOTE: Students may not receive credit toward graduation for both Mathematics 216 and Mathematics 231.
- 220 Calculus II (4)**
Differentiation and integration of trigonometric functions, techniques of integration, indeterminate forms, l'Hopital's rule, Taylor's formula, sequences, infinite series, plane curves, and polar coordinates. F, S, Su
Prerequisite: Mathematics 120 or its equivalent.

- 221** **Calculus III (4)**
Geometry of two- and three-dimensional spaces, limits and continuity of functions of several variables, vector-valued functions, partial derivatives, directional derivatives, Lagrange multipliers, multiple integrals, line integrals, Green's theorem, and surface integrals. F,S
Prerequisite: Mathematics 220.
- 231** **Applied Statistics (3)**
Topics include sampling, hypothesis testing, confidence intervals, simple linear regression, and related probability concepts. F,S,Su
Prerequisite: Mathematics 105 or 120.
NOTE: See the note below Mathematics 216.
- 245** **Elementary Numerical Methods (3)**
Topics covered will include error propagation in machine arithmetic, methods for finding roots and fixed points, numerical differentiation and integration, and elementary approximation theory. Students will program in PASCAL and FORTRAN. eF,eS
Prerequisites: Computer Science 220 and Mathematics 220, or permission of the instructor.
- 260** **Mathematical Modeling and Public Decision-Making (3)**
This is an introductory course in basic mathematical concepts and models that can be applied to the decision making process in the public sector. Both continuous and discrete models will be examined. Topics will be chosen from the following: linear programming, growth processes, utility analysis, graph theory, game theory, group decision making and Arrow's impossibility theorem, coalition formation, and voting behavior.
Prerequisite: Mathematics 104 and 105 or equivalent.
- 290** **Topics in Introductory Mathematics (3)**
This course focuses on a topic of intermediate-level mathematics. Possible topics are: foundations of mathematics, graph theory, combinatorics, non-parametric statistics, and elementary number theory.
Prerequisite: Permission of the instructor.
NOTE: Since the content changes, this course may be repeated for credit.

- 295 An Introduction to Abstract Mathematics (3)**
This course is intended to provide a transition from the calculus sequence to more advanced courses requiring an ability to do proofs. Topics include elementary propositional logic, set theory, mathematical induction, functions, and relations. S
Prerequisites: Mathematics 203 or 221.
- 303 Abstract Algebra I (3)**
An introduction to algebraic structures. Topics will include groups, rings and fields. S
Prerequisite: Mathematics 203 and 295.
- 307 Discrete Structures II (3)**
A continuation of Mathematics 207, including topics from combinatorics and probability, algebraic structures (such as Boolean algebras, semigroups and groups), automata and languages. S
Prerequisite: Mathematics 203 or 207.
- 311 Advanced Calculus I (3)**
The concepts of calculus will be explored in depth. Among the topics covered will be basic topological properties of the real line, limit operations, and convergence properties of sequences and series of functions. F
Prerequisite: Mathematics 221 and 295.
- 317 Seminar in Mathematics (3)**
A course designed to teach the student to take a mathematics concept, either familiar or unfamiliar, and impart that concept, both orally and in writing, to a group of peers. Each student will write papers and present talks that will be discussed by the teacher and the other students as to content and style.
Prerequisites: Two mathematics courses at the 300 level or above.
- 320 History of Mathematics (3)**
Number systems, historical problems of geometry, development of modern concepts in algebra, analytic geometry, and calculus. oS
Prerequisite: 12 semester hours in mathematics courses numbered 200 or higher.

- 323 Differential Equations (3)**
An introductory course designed to acquaint students with methods used in computing and analyzing the quantitative and qualitative behavior of solutions of ordinary differential equations. Applications of ordinary differential equations will also be discussed. Among the topics to be covered are: first-order and higher-order linear equations, simple numerical methods, the Laplace transform, eigenvalue techniques, systems of equations, and phase plane analysis. F,S,Su
Prerequisites: Mathematics 221 and either 203 or permission of the instructor.
- 340 Axiomatic Geometry (3)**
An axiomatic development of Euclidean geometry, with topics from non-Euclidean geometry and projective geometry as time allows. F
Prerequisites: Mathematics 203, 220, 295 or permission of instructor.
- 350 Statistical Methods (3)**
Statistical methods with topics selected from regression, correlation, analysis of variance, non-parametric statistics, and other models. S
Prerequisite: Mathematics 221.
- 399 Tutorial (3, repeatable up to 12)**
Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).
Prerequisites: Junior standing, plus permission of the tutor and the department chair.
- 401 Introduction to Point Set Topology (3)**
Introductory concepts, topologies and topological spaces, functions, continuity, homomorphisms, connected spaces, compact spaces, and applications of topology in analysis.
Prerequisite: Mathematics 311.
- 403 Abstract Algebra II (3)**
This course is a continuation of Math 303. Topics will be chosen from rings, fields, ideals, factor rings, extension fields, automorphisms, and Galois Theory. F
Prerequisite: Mathematics 303

- 411 Advanced Calculus II (3)**
A continuation of Mathematics 311 that will include the study of spaces of continuous functions and an introduction to concepts from measure theory, integration theory and functional analysis. S
Prerequisite: Mathematics 203 and 311.
- 415 Complex Analysis (3)**
The complex number system, analytic functions, integration, power series, residue theory, analytic continuation, and conformal mapping.
Prerequisite: Mathematics 311.
- 417 Reading and Research (1-3, 1-3)**
418 Directed reading in mathematics. Open to qualified seniors with permission of the Department of Mathematics. A student may take this course for one or two semesters, earning one to three hours credit each semester. Credit value in each case will be determined by the type of problem considered.
Prerequisite: Mathematics 317.
- 421 Vector and Tensor Analysis (3)**
A systematic development of the differential and integral calculus of vector and tensor functions, followed by a brief introduction to differential geometry and the mathematics of theoretical physics. S
Prerequisite: Mathematics 311
- 423 Introduction to Partial Differential Equations (3)**
Study of heat, potential, and wave equations in rectangular, polar, and cylindrical coordinate systems. Separation of variables and eigenfunction expansion techniques. Sturm-Louiville theory. F
Prerequisite: Mathematics 221 and 323.
- 450 Discrete Mathematical Models (3)**
An introduction to the theory and practice of building and studying discrete mathematical models for real-world situations encountered in the social, life and management sciences. Mathematics related to graph theory, game theory, Markov chains, combinatorics, difference equations, and other topics will be developed as needed to study the models. oS

Prerequisites: Mathematics 203, either Mathematics 216 or 350, and Computer Science 220, or permission of the instructor.

451 Linear Programming and Optimization (3)

An introduction to deterministic models in operations research. Topics include linear programming, network analysis, dynamic programming, and game theory. oF

Prerequisites: Mathematics 203, 221, and Computer Science 220, or permission of the instructor.

452 Operations Research (3)

An introduction to probabilistic models in operations research. Topics include queueing theory, applications of Markov chains, simulation, integer programming, and nonlinear programming. eS

Prerequisites: Mathematics 203, 530 and Computer Science 220.

460 Continuous Mathematical Models (3)

An introduction to the theory and practice of building and studying continuous mathematical models for real-world situations encountered in the physical, social, life, and management sciences. Particular emphasis will be placed on models that arise in such fields as economics, population growth, ecology, epidemiology, and energy conservation. Advanced topics in differential equations and integral equations will be developed as needed to study the models. eS

Prerequisites: Mathematics 203, 323, either 216 or 350, and Computer Science 220, or permission of the instructor.

480 Topics in Applied Mathematics (3)

A semester course on an advanced topic in applied mathematics.

Prerequisite: Permission of the instructor.

NOTE: Since the content changes, this course may be repeated for credit.

485 Topics in Pure Mathematics (3)

A semester course on an advanced topic in pure mathematics.

Prerequisite: Permission of the instructor.

NOTE: Since the content changes, this course may be repeated for credit.

490 Practicum in Mathematics (3)

This course is intended to give students real-world experiences in applications of mathematics through internships, case studies or projects undertaken by small groups of students under faculty supervision or the joint supervision of a faculty member and an industrial mathematician. It is the student's responsibility to submit a written practicum proposal to the Applied Mathematics Committee in the semester prior to that in which the Practicum is to be done (normally in the Senior year). Reports will be submitted by the students describing and analyzing their internships or projects. S

Prerequisites: Senior standing and permission of the instructor and departmental chair.

495 Senior Thesis (3)

Under the supervision of a mathematics faculty member, each student will find a topic or problem of abstract mathematics, explore it in depth, and write a paper synthesizing the work done along with the student's perspective of the relative importance of this topic to mathematics.

Prerequisites: Senior standing, permission of the instructor and department chair.

499 Bachelor's Essay (6)

A year-long research and writing project done during the senior year under the close supervision of a tutor from the department. The student must take the initiative in seeking a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

530 Mathematical Statistics I (3)

Probability, probability functions, probability densities, mathematical expectation, sums of random variables, and sampling distributions. F

Prerequisite: Mathematics 221.

-
- 531 Mathematical Statistics II (3)**
Decision theory, estimation, hypothesis testing, regression, correlation, and analysis of variance. S
Prerequisite: Mathematics 530.
- 545 Numerical Analysis (3)**
Topics include numerical methods for solving ordinary differential equations, direct methods and iterative methods in numerical linear algebra, and selected topics in functions of several variables. oS
Prerequisites: Mathematics 203, 245, and 323.

PHYSICS**803-792-5593**

William R. Kubinec, Chair

Professors

Robert J. Dukes, Jr., Gordon E. Jones, William R. Kubinec

James Fred Watts

Associate Professors

Donald M. Drost, David H. Hall, Jake H. Halford

William A. Lindstrom, Laney R. Mills

Instructor

Terry Richardson

Physics is a fundamental science and its discoveries and laws are basic to the understanding of most areas of science and technology. It is an experimental science that deals with energy in all its forms, with the interaction of matter and energy, and with the structure of matter.

Two major programs are offered by the Department of Physics, a pre-professional program leading to a bachelor of science degree and a liberal arts program leading to a bachelor of arts degree. The two degree programs enable a student to prepare for a career in physics or for a career in related fields, such as engineering, biophysics, agriculture, medicine, law, geophysics, meteorology, and business.

The department has well-equipped labs for undergraduate instruction. Computers are available for instruction and for student use. Major facilities include a photo-acoustic Raman spectroscopy lab, an observatory with a 16-inch computer-controlled telescope and an Automatic Photoelectric Telescope on Mount Hopkins in Arizona.

The Department of Physics is a small department and majors enjoy the benefits of working closely with the faculty. A student interested in a trial schedule for a degree in physics should consult with a member of the physics faculty.

Major Requirements

The Bachelor of Science: The courses required for the degree of bachelor of science with a major in physics are Physics 201, 202, 301, 307, 370, 403, 404, 409, and 411, and 14 additional hours chosen with department approval from Physics 302, 306, 308, 310, 311, 320, 330, 407, 408, 410, 412, 413, and 415, for a total of 37 hours of physics. Majors may elect to use one 200-level engineering course to satisfy one elective requirement in physics. Computer Science 220 or its equivalent is required. Eighteen hours of mathematics are required by course pre-

requisites. Under special circumstances, with departmental approval, Physics 101, 101L, 102, and 102L may replace Physics 201 and 202. With departmental approval, Physics 499 may be substituted for Physics 411 and may be counted toward the total number of hours required in physics. Suggested programs of study for graduate school in physics, astronomy and astrophysics, atmospheric sciences, and engineering are available from the Department of Physics.

The Bachelor of Arts: Required courses are Physics 201, 202, 370, 411, and additional courses to total a minimum of 30 semester hours. The additional courses necessary to complete the major are to be selected by the student, with the approval of the department, from physics and 200-level engineering courses to form a coherent program. Computer Science 220 or its equivalent is required. Under special circumstances, with department approval, Physics 101, 101L, 102 and 102L may replace Physics 201 and 202. With departmental approval, Physics 499 may be substituted for Physics 411 and may be counted toward the total number of hours required in physics.

Calculus is a prerequisite for most advanced courses in the department. Some advanced courses also require Mathematics 323 or 423. Chemistry 111, 111L and 112, 112L and Mathematics 203 are strongly recommended for all physics majors.

Concentration in Engineering within the Physics Major: Courses required are Engineering 205, 206, and 210; and Physics 306, 330, and 411 (a project in engineering).

The Minor in Physics: Courses required are Physics 201*, 202*, 330, and a minimum of six additional hours at the 300-400 level.

*Under special circumstances, with departmental approval, Physics 101, 101L, 102, and 102L may replace Physics 201 and 202.

The Minor in Engineering Physics: Courses required are Physics 201, 202, and at least four courses selected from the following: Engineering 205, 206, and 210; and Physics 301, 307, 411, and 415.

Teacher Education Program: Students who major in physics with a bachelor of arts or science degree can become certified to teach physics in secondary schools. Requirements include admission to, and successful completion of, an approved teacher education program. After declaration of a major in physics, students interested in teacher

certification must contact the coordinator of certification and student teaching, School of Education, for complete details about the program.

ENGINEERING COURSES

A description of the College's Engineering Options appears in the Special Programs section of the *Bulletin*.

- 110 Engineering Graphics (2)**
A course for the introduction of engineering graphics as a problem-solving tool. Areas of study include use of instruments; geometric construction; theory of orthographic points; lines, planes, and solids; sectional views; auxiliary views; dimensioning; isometric drawings; and design drawings. An introduction to computer-assisted design (CAD) is provided. Lecture, one hour per week; laboratory, three hours per week.
- 112 Introduction to Engineering (3)**
Study of engineering curricula, branches of engineering, basic concepts of engineering, professional ethics, the engineer in society, and registration. Introduction to the engineering problem-solving process; engineering analysis and design techniques, including engineering calculations, statistical analysis, scalars, and three-dimensional vectors; vector operations; moments; equilibrium; work and energy; and D.C. circuit analysis. A scientific calculator, the capabilities of which will be specified by the instructor, will be required. Lectures, three hours per week.
Prerequisites: Mathematics 101 and 107 or equivalent.
- 205 Statics (3)**
A study of forces and force systems and their external effect on bodies, principally the condition of equilibrium of particles and rigid bodies. Includes a study of distributed forces, centroids and center of gravity, moments of inertia, analysis of simple structures and machines, and various types of friction. The techniques of vector mathematics are employed and the rigor of physical analysis is emphasized. Lectures, three hours per week.
Prerequisite: Engineering 112 or Physics 201 and permission of the instructor. Corequisite: Mathematics 220.

206

Dynamics (3)

A continuation of Engineering 205. A study of kinematics of particles and rigid bodies, kinetics of particles with emphasis on Newton's second law, energy and momentum methods for the solution of problems, and applications of plane motion of rigid bodies. Techniques of vector mathematics are employed. Lectures, three hours per week.

Prerequisites: Engineering 205 and Mathematics 220.

210

Circuit Analysis (3)

A study of D.C. resistive circuits; Kirchhoff's Laws; independent and dependent sources; nodal and mesh analysis; superposition; Thevenin's and Norton's theorems; maximum power transfer; natural response of RC, RL, and RLC circuits; forced response of RC, RL, and RLC circuits; operational amplifiers; sinusoidal analysis and phasors. Lectures, three hours per week.

Prerequisites: Engineering 112 and Mathematics 220.

PHYSICS COURSES

101

Introductory Physics (3)

A general physics course intended for those students who plan to take only one physics sequence. The math does not go beyond algebra or trigonometry. The material covered is similar to Physics 201 and 202. With permission from the Department of Physics a student may transfer to Physics 202 after completion of Physics 101. To take additional physics courses the same permission may be granted. Lectures, three hours per week.

Prerequisites and Corequisites: Physics 101L is a corequisite or prerequisite for Physics 101. Mathematics 101 and 107 or equivalent is a prerequisite to Physics 101.

101L

Introductory Physics Laboratory (1)

A laboratory program to accompany Physics 101. Laboratory, three hours per week.

Prerequisite and Corequisite: Physics 101 is a corequisite or prerequisite for Physics 101L.

102

Introductory Physics (3)

A continuation of Physics 101. Lectures, three hours per

week.

Prerequisite or Corequisite: Physics 102L is a corequisite or prerequisite for Physics 102. Physics 101 is a prerequisite for Physics 102.

102L Introductory Physics Laboratory (1)

A laboratory program to accompany Physics 102. Laboratory, three hours per week.

Prerequisites and Corequisites: Physics 102 is a corequisite or prerequisite for Physics 102L. Physics 101L is a prerequisite for Physics 102L.

119 Celestial Navigation (2)

The theory and practice of celestial navigation is developed. Topics include the sextant, time, the Nautical Almanac, the spherical triangle, sight reduction tables, altitude corrections, navigational astronomy, lines of position, complete fixes, and star identification. Lectures, two hours per week.

129 Astronomy I (3)

An introduction to astronomy. Subjects covered are: a brief history of astronomy; coordinates, time; the earth's structure and motion; instruments used in astronomy; the moon, eclipses; comets, meteors, interplanetary medium; stars (binary, variable); star clusters; interstellar matter; galaxies; and cosmology. Lectures, three hours per week.

Prerequisites and Corequisites: Physics 129L is a corequisite or prerequisite for Physics 129. A working knowledge of high school algebra is assumed.

129L Astronomy I Laboratory (1)

A laboratory program to accompany Physics 129. Laboratory, three hours per week.

Prerequisite or Corequisite: Physics 129 is a corequisite or prerequisite for Physics 129L.

130 Astronomy II (3)

A continuation of Physics 129. Lectures, three hours per week.

Prerequisites and Corequisites: Physics 130L is a corequisite or prerequisite of Physics 130. Physics 129 is a prerequisite for Physics 130. A working knowledge of high school algebra is assumed.

- 130L Astronomy II Laboratory (1)**
A laboratory program to accompany Physics 130. Laboratory, three hours per week.
Prerequisite and Corequisite: Physics 130 is a corequisite or prerequisite for Physics 130L. Physics 129L is a prerequisite for Physics 130L.
- 150 Physics of Sound and Music (4)**
An investigation of mechanical and electronic generation of sound; propagation of sound; perception of sound and music; the acoustics of vocal and instrumental music; musical elements such as pitch, loudness, and timbre; and musical constructs such as scales, temperament, and harmony. This course is team-taught by physics and fine arts faculty. Lectures, three hours per week; laboratory, three hours per week. A working knowledge of high school algebra is assumed.
- 201 General Physics (4)**
Introduction to principles of physics for scientists. Subjects covered are mechanics (vectors, linear and rotational motion, equilibrium, and gravitational fields); heat (mechanical and thermal properties of solids, liquids, and gases); light and sound (vibratory and wave motion, geometrical and physical optics, and spectra); electricity and magnetism (electric fields, A.C. and D.C. currents, and circuits); and modern physics. Lecture, three hours per week; laboratory, three hours per week.
Prerequisite: Mathematics 120 or equivalent or permission of instructor.
- 202 General Physics (4)**
A continuation of Physics 201. Lectures, three hours per week; laboratory, three hours per week.
Prerequisite: Physics 201.
- 205 Intelligent Life in the Universe (3)**
A general survey of the topic, stressing the interrelations between the fields of astronomy, physics, chemistry, biology, geology, and philosophy. Topics include the physical setting for origin and evolution of life, existence of such conditions elsewhere, possible number of extraterrestrial

civilizations, possibility of contact, and implications of an encounter. Lectures, three hours per week.

- 298 Special Topics (1-3)**
An examination of an area in physics in which a regular course is not offered.
Prerequisite: Permission of the instructor.
- 301 Classical Mechanics (3)**
Newtonian dynamics of particles and rigid bodies, relativistic mechanics, Lagrangian and Hamiltonian mechanics, and waves. Lectures, three hours per week.
Prerequisites: Physics 202 and Mathematics 323, or permission of the instructor.
- 302 Classical Mechanics (3)**
A continuation of Physics 301.
Prerequisite: Physics 301.
- 306 Physical Optics (4)**
An intermediate course in physical optics with major emphasis on the wave properties of light. Subjects to be covered will include boundary conditions, thin films, interference, diffraction, absorption, scattering, and laser emission. Lectures, three hours per week; laboratory, three hours per week.
Prerequisite: Physics 202 or permission of the instructor.
- 307 Thermodynamics (3)**
Temperature, thermodynamic systems, work, first and second laws of thermodynamics, heat transfer, ideal gases, reversible or irreversible processes, entropy, and possible inclusion of topics in kinetic theory of gases and statistical mechanics. Lectures, three hours per week.
Prerequisites or corequisites: Physics 202 and Mathematics 323, or permission of the instructor.
- 308 Atmospheric Physics (3)**
An introduction to the study of the Earth's atmosphere. Topics covered include atmospheric thermodynamics, synoptic meteorology, violent storms, radiative transfer, the global energy balance, and atmospheric dynamics. Lec-

tures, three hours per week.

Prerequisites: Physics 202 and Mathematics 220.

- 310 Planetary Astronomy (3)**
Survey of planetology; comparative planetology; origin of planets; asteroids; inter-planetary dust and gas; planetary interiors and atmospheres. Lectures, three hours per week. Prerequisites: Math 101 and 107 or equivalents and one year of introductory physics or one year of astronomy.
- 311 Stellar Astronomy and Astrophysics (3)**
The basic concepts of the physics of stars and stellar systems are explored. Topics covered include stars and star formation, stellar evolution, variable and binary stars, star clusters, pulsars, external galaxies, quasars, black holes, and cosmology. Lectures, three hours per week. Prerequisites: Mathematics 101 and 107 or equivalents and one year of introductory physics or one year of astronomy.
- 320 Introductory Electronics (4)**
Basic principles of electronics and their application to instrumentation for students preparing for research in applied mathematics, medicine, biology, physics, and chemistry. Lectures, three hours per week; laboratory, three hours per week. Prerequisite: Physics 202 or permission of the instructor.
- 330 Introduction to Modern Physics (4)**
An introduction to atomic and nuclear physics. Topics include atomic theory, x-rays, wave-particle duality, elements of quantum mechanics, nuclear physics, and fundamental particles. Lectures, four hours per week. Prerequisite: Physics 202 or permission of the instructor.
- 370 Experimental Physics (3)**
An opportunity for students to develop experimental, analytical, and research techniques through lecture and extensive laboratory experiences. Scientific report writing will be stressed. Prerequisite: Junior standing.

- 399 Tutorial (3, repeatable up to 12)**
Individual instruction given by a tutor in regularly scheduled meetings (usually once a week).
Prerequisite: Junior standing, plus permission of the tutor and the department chair.
- 403 Introductory Quantum Mechanics (3)**
Wave-particle duality; the wave function; general principles of quantum mechanics; systems in one, two, and three dimensions; electron spin; perturbation theory; scattering theory; electro-magnetic radiation; systems containing identical particles; and applications. Lectures, three hours per week.
Prerequisite or corequisite: Mathematics 423.
- 404 Introductory Quantum Mechanics (3)**
A continuation of Physics 403.
Prerequisite: Physics 403.
- 407 Introduction to Nuclear Physics (3)**
An introduction to the theory of the nucleus, including constituents of the nucleus; nuclear forces and structure; natural and induced radioactivity; properties of alpha, beta, and gamma radiation; particle accelerators; and fission, fusion, and nuclear reactors. Lectures, three hours per week.
Prerequisite or corequisite: Physics 301.
- 408 Introduction to Solid State Physics (3)**
A survey of the fundamental principles determining the macroscopic properties of solids. The lattice system and the electron system are investigated as a basis for understanding dielectric, magnetic, optical, semiconductive, and superconductive behavior in solids. Lectures, three hours per week.
Prerequisite or corequisite: Physics 301.
- 409 Electricity and Magnetism (3)**
An intermediate course in electricity and magnetism. Subjects to be covered will include electric fields, magnetic fields, electric current, Maxwell's equations, and electric and magnetic quantum effects. Lectures, three hours per week.

Prerequisites: Physics 202 and Mathematics 423 or permission of the instructor.

- 410 Electricity and Magnetism (3)**
A continuation of Physics 409.
Prerequisite: Physics 409.
- 411 Independent Study (3)**
An independent study project in which a student works on a research project. The student must take the initiative in seeking a Department of Physics member to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department during the semester prior to the semester for which credit will be awarded. This course is intended for senior physics students.
Prerequisite: Departmental approval of project proposal.
- 412 Special Topics (1-3)**
An examination of an area in physics in which a regular course is not offered.
Prerequisite: Permission of the instructor.
- 413 Astrophysics (3)**
Covers the application of physics to problems in stellar atmospheres and interiors, the interstellar medium and galactic dynamics. Lectures, three hours per week.
Prerequisites: Physics 301 and 307, Mathematics 323, and either Mathematics 423 or permission of the instructor.
- 415 Fluid Mechanics (3)**
An introduction to fluid mechanics that develops physical concepts and formulates basic conservation laws. Topics include fluid statics, kinematics, stresses in fluids, flow of real (viscous) fluids, and compressible flow. Lectures, three hours per week.
Prerequisites: Mathematics 323 and Physics 301.
- 499 Bachelor's Essay (6)**
A year-long research and writing project done during the senior year under the close supervision of a tutor from the department. The student must take the initiative in seeking

a tutor to help in both the design and the supervision of the project. A project proposal must be submitted in writing and approved by the department prior to registration for the course.

LIBRARY
803-792-8002

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Katina Strauch
Librarian III

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Robert Neville

Librarian II
Katherine Bielsky, Dorothy Richardson
Thomas Gilson, Helen Ivy

Phillip Powell, Sheila Seaman, Martha Felts, Gail Garfinkle

Librarian I
C. Michael Phillips

The library faculty teach a course which develops practical library skills.

- 101 Introduction to Bibliography and Research Methods (1)**
Development of basic techniques for conducting academic research. The focus of the course will be practical library utilization and evaluation of library resources. The course will cover the latest developments in library automation. Instruction culminates with the production of a final bibliography. Lectures two hours per week for seven weeks.

For additional information about the library, see page 83.

GRADUATE STUDIES

803-792-5614

Andrew Abrams, Acting Dean

The Office of Graduate Studies is located on the second floor of Randolph Hall. Currently, master's degrees are available in early childhood education, elementary education, special education, history, public administration, marine biology and mathematics.

To receive graduate credit, students must be admitted to one of the recognized categories of graduate studies. A non-degree status is available for students who wish to take graduate courses but who will not complete a graduate degree at the College of Charleston.

EDUCATION

Two graduate degrees in education are offered at the College. The Master of Education (M.Ed.) degree is offered for those students who have professional teacher certification and are seeking to increase their skills and knowledge in educational practices, technology, curriculum, and evaluation. The Master of Arts in Teaching (M.A.T.) degree is designed for students who do not have backgrounds in educational programs and are seeking to gain the skills and knowledge that will enable them to be effective teachers and become certified to teach.

M.Ed. and M.A.T. degrees are offered in early childhood, elementary, and special education. In each of these areas the student must complete a Program of Study with an advisor. The Program of Study specifies the courses to be completed toward degree fulfillment.

Graduate students may complete the M.Ed. or M.A.T. programs using either a full-time or part-time approach. Full-time students usually enroll in nine-to-12 hours each semester and complete their Program of Study in one-to-two years. Part-time students usually enroll in one-to-two courses each semester. Most courses are scheduled in the late afternoons and evenings for the convenience of part-time students; however, part-time M.A.T. students will need to be available during the day for practica, some courses, and student teaching.

HISTORY

The Citadel and the College of Charleston offer a joint Master of Arts degree in history providing advanced specialization work in United States history, European history, and Asian/African/Latin

GRADUATE STUDIES

American history. The program serves teachers, military personnel, recent college graduates, the general Lowcountry community, and qualified undergraduate and non-traditional students interested in pursuing graduate studies in history. Candidates for the degree must meet general requirements, pass a comprehensive examination, and produce a traditional thesis or a research equivalent in seminar papers. To enable both full-time and part-time students to complete their work with the least inconvenience, the graduate classes are scheduled in the late afternoons and evenings.

PUBLIC ADMINISTRATION

In conjunction with the University of South Carolina, the College of Charleston's Institute for Public Affairs and Policy Studies offers a Master's of Public Administration degree. This program focuses on public administration and management and urban public policy. Degree requirements include completion of 36 semester hours, a thesis or applied research project, an internship (for students without extensive job experience in urban public administration), and written and oral comprehensive examinations. Course work may be completed on a full-time or part-time basis.

MARINE BIOLOGY

The College of Charleston offers the Master of Science degree in Marine Biology in cooperation with the Charleston Higher Education Institutions. Students in the program use facilities and resources of all the participating institutions (The Citadel, College of Charleston, Medical University of South Carolina, and Marine Resources Research Institute of the South Carolina Wildlife and Marine Resources Department). Student offices and research spaces are provided in the Marine Resources Research Institute and the Grice Marine Biological Laboratory of the College of Charleston, both of which are located at Ft. Johnson on Charleston Harbor. The program is research-oriented and a thesis is required of all students. Because of the very broad scope of faculty interests and the variety of facilities, a large number of research and training opportunities are available to students in such areas as biological systematics, marine ecology, oceanography, marine environmental sciences, fisheries biology, mariculture, and marine biomedical sciences.

MATHEMATICS

The Department of Mathematics offers a program of graduate level training leading to a Master of Science in Mathematics. The program is intended to help prepare students for professional opportunities in business, industry, and government that require training at the graduate level. Courses in the program also serve as an option for secondary school teachers who wish to maintain certification or enhance their professional expertise. The degree requires 30 hours of coursework or 24-27 hours of coursework and a thesis, with at least 12 hours selected from a set of core courses to include algebra, mathematical statistics, and real analysis. This format allows students to design plans of study to meet their own individual needs and interests.

To be admitted to the degree program, one will normally be required to have a bachelor's degree in Mathematics or its equivalent with a minimum GPR of 3.0 in the major. Students planning to enter the M.S. program in mathematics should take linear algebra, abstract algebra, differential equations, and two semesters of advanced calculus as undergraduates. Students lacking some of these courses may still be considered for the program but be required to make up the deficiencies.

The mathematics faculty at the College of Charleston is supplemented by faculty from The Citadel and the Medical University of South Carolina to form a graduate faculty that is committed to excellence in both classroom instruction and research.

Graduate Assistantships

Graduate assistantships are available to full-time students in education, history, public administration, marine biology programs and mathematics. Information about applications for assistantships is available in the Office of Graduate Studies.

Additional information concerning graduate programs at the College of Charleston is available through the Office of Graduate Studies or from the program directors:

- Dr. Martha Nabors, Elementary or Early Education**
- Dr. Robert Fowler, Special Education**
- Dr. Arthur Felts, Public Administration**
- Dr. Robert Johnson, Marine Biology**
- Dr. Malcolm Clark, History**
- Dr. Gary Harrison, Mathematics**

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The Board of Trustees of the College of Charleston is composed of 19 members. Fifteen are elected by the General Assembly (two from each Congressional District and three at large), one appointed by the governor, and three ex-officio members (the governor, the chairman of the Senate Committee on Education or his designee from that committee, and the chairman of the House Committee on Education and Public Works or his designee from that committee).

College of Charleston BOARD OF TRUSTEES

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B.A., Louisiana College; B.D., New Orleans Baptist Theological Seminary; M.A., Ph.D., Vanderbilt University
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B.A., Furman University; J.D., University of South Carolina Law School; LL.M., University of Virginia School of Law
- ALLEN, PAUL E., M.A., *Assistant Professor of English* (1974)
B.A., Huntingdon College; M.A., Auburn University;
- ANDERSON, DAVID MICHAEL, Ph.D., *Visiting Assistant Professor of Philosophy*; (1991)
B.A., George Washington University; Ph.D., University of Michigan
- ANDERSON, JAMES PHILIP, M.S., *Associate Professor of Mathematics* (1957)
B.S., College of Charleston; M.S., University of South Carolina
- ANDERSON, ROBERT L., Ph.D., *Professor of Business Administration* (1979)
B.A., Roanoke College; M.B.A., Ph.D., University of Texas
- ANDERSON, WILLIAM D., JR., Ph.D., *Professor of Biology* (1969)
B.S., M.S., Ph.D., University of South Carolina
- ASHLEY, DOUGLAS DANIELS, Ph.D., *Associate Professor of Music* (1972)
B. Mus., M.Mus., Ph.D., Northwestern University; (Diploma, Conservatory of Vienna)
- ASLESON, GARY L., Ph.D., *Associate Professor of Chemistry* (1975)
B.A., Gustavus Adolphus College; Ph.D., University of Iowa

- ATTAFI, ABDELLATIF, M.A., *Assistant Professor of French* (1989)
B.A., M.A., Ph.D., L'Université de Lille, III (France)
- AZIZ, ABDUL, Ph.D., *Associate Professor of Business Administration* (1983)
G.I.C.A.M.E., Stanford University; M.A., Ph.D., University of Delhi
- BAH, M. ALPHA, Ph.D., *Associate Professor of History* (1986)
B.A., M.A., Ph.D., Howard University
- BAKANIC, VON, Ph.D., *Assistant Professor of Sociology* (1991)
B.A., M.A., University of South Carolina; Ph.D., University of Illinois
- BALDWIN, SARA H., Ph.D., *Assistant Professor of Geology* (1984)
B.S., Dickinson College; Ph.D., West Virginia University
- BALINSKY, SUSAN, Dr.P.H., *Assistant Professor of Physical Education and Health* (1990)
B.S., SUNY at Oneonta; N.Y.S., SUNY at Cortland; M.S., Indiana University; Dr.P.H., University of South Carolina
- BARTEL, VIRGINIA, Ph.D., *Assistant Professor of Education* (1990)
B.A., M.Ed., UNC-Chapel Hill; Ph.D. University of Michigan
- BEAM, CHARLES F., JR., Ph.D., *Professor of Chemistry* (1982)
B.S., The City College of the City University of New York; Ph.D., University of Maryland
- BELLACK, DANIEL, Ph.D., *Visiting Assistant Professor of Psychology* (1988)
B.A., M.Ed./Ed.S., University of Florida; M.S., Ph.D., University of Kentucky
- BENICH, JOSEPH J., Ph.D., *Associate Professor of Business Administration* (1972)
B.S., Case Institute of Technology; M.B.A., Case-Western Reserve University; Ph.D., Kent State University
- BENMAMAN, VIRGINIA DOUBCHAN, Ph.D., *Associate Professor of Spanish* (1970)
B.S., University of Wisconsin; M.A., San Francisco State University; Ph.D., University of South Carolina
- BERG, AGGA-BETH, M.S., *Assistant Professor of Biology* (1991)
B.A., Fontbonne College; M.S., College of Charleston
- BERG, KAREN, M.A., *Visiting Instructor of Languages* (1990)
B.A., M.A., University of New Hampshire
- BIELSKY, KATHERINE HIGGINS, M.L.S., *Librarian II* (1984)

FACULTY

B.A., Catawaba College; M.A., University of Tennessee; M.L.S., Florida State University

BIERNBAUM, CHARLES K., Ph.D., *Professor of Biology (1974)*

B.S., Wake Forest University; Ph.D., University of Connecticut

BISCHOFF, WILLIAM, M.A., *Associate Professor of Psychology (1955)*

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B.A., University of Georgia; M.A., University of North Carolina; Ph.D., Indiana University
- McGUIRE, EDWARD, J.D., *Professor of Social and Behavioral Science and Dean of the School of the Arts* (1990)
B.S., State University of New York; M.S., Southern Illinois University; Ed.D., Wayne State University; J.D., Delaware Law School
- McINTOSH, KATHERINE, M.Ed., *Associate Professor of Education* (1975)
B.A., Columbia College; M.Ed., University of South Carolina
- McKEE, JAMES, Ph.D., *Associate Professor of Accounting* (1989)

- B.S., M.B.A., University of Maine; Ph.D., Oklahoma State University
- McKIBBEN, WILLIAM J., *Visiting Assistant Professor of Art History (1991)*
B.A. M.A., Ph.D., The Ohio State University;
- McKINNEY, PHILLIP, M.A., *Visiting Instructor of English (1989)*
B.A., M.A., Michigan State University
- McNITT, LAWRENCE, Ph.D., *Associate Professor of Business Administration (1985)*
B.A., Andrews University; Ph.D., University of North Carolina
- MENACHOF, DAVID A., M.B.A., *Assistant Professor of Marketing (1991)*
B.A., University of Cincinnati; M.Sc., Polytechnic South West; M.B.A.,
University of Tennessee
- MERCADO, RUTH, M.A., *Visiting Instructor of Languages (1990)*
B.A., M.A., University of Missouri-Columbia
- METZ, CLYDE R., Ph.D., *Professor of Chemistry (1982)*
B.S., Rose-Hulman Institute of Technology; Ph.D., Indiana University
- MICHEL, JOHN NEY, M.F.A., *Associate Professor of Art (1973)*
B.F.A., Atlanta School of Art; M.F.A., Temple University
- MIGNONE, ROBERT J., Ph.D., *Associate Professor of Mathematics (1981)*
B.A., Temple University; Ph.D., The Pennsylvania State University
- MIGNONE, STEPHANIE, M.A., *Visiting Instructor of German (1985)*
B.S., Georgetown University; M.A., University of South Carolina
- MILLER, DEBORAH, Ph.D., *Associate Professor of Physical Education (1982)*
B.S., M.S., University of Illinois; Ph.D., University of Oregon
- MILLS, LANEY RAY, Ph.D., *Associate Professor of Physics (1971)*
B.S., B.A., Southwestern at Memphis; M.S., Ph.D., Louisiana State
University
- MODZELEWSKI, JOZEF, Ph.D., *Assistant Professor of German (1987)*
B.A., M.A., Wroclaw University, Poland; Ph.D., New York University
- MONTBERTRAND, GÉRARD, Ph.D., *Associate Professor of French (1987)*
B.S., Académie d'Aix-Marseille, France; M.A., Ph.D., Rutgers Univer-
sity
- MOORE, SHIRLEY L., M.A., *Assistant Professor of English (1974)*
B.A., Georgetown College; M.A., North Carolina State University

FACULTY

- MOORE, WILLIAM VINCENT, Ph.D., *Professor of Political Science (1972)*
B.A., M.A., Southern Illinois University; Ph.D., Tulane University
- MORGAN, J. MICHAEL, Ph.D., *Associate Professor of Economics (1986)*
B.A., Georgia Southern College; M.A., Old Dominion University;
Ph.D., University of South Carolina
- MORRIS, J. FRANK, Ph.D., *Associate Professor of Classics (1978)*
B.A., University of Florida; M.A., Illinois State University; Ph.D.,
University of Cincinnati
- MORRISON, NAN DANSBY, Ph.D., *Professor of English (1967)*
B.A., Troy State College; M.A., Ph.D., University of South Carolina
- MORRISON, SUSAN JOAN, Ph.D., *Assistant Professor of Biology (1979)*
B.S., M.S., Colorado State University; Ph.D., Florida State University
- NABORS, MARTHA, Ph.D., *Assistant Professor of Education (1989)*
B.S., M.S., University of Akron; Ph.D., Pennsylvania State University
- NELSON, PAUL T., Ph.D., *Professor of Business Administration (1985)*
B.A., University of Cincinnati; Ph.D., Michigan State University
- NEVILLE, ROBERT F., M.L.S., *Assistant Dean of Technical Services, Librarian III (1981)*
B.A., Dickinson College; M.A., M.L.S., University of Maryland
- NEWELL, JOHN HOWLE, Ph.D., *Associate Professor of History (1978)*
B.A., University of Georgia; M.A., Ph.D., Duke University
- NORTON, ROBERT M., Ph.D., *Professor of Mathematics (1974)*
B.S., Northeast Missouri State University; M.S., Ph.D., Oklahoma
State University
- NUNAN, RICHARD, Ph.D., *Associate Professor of Philosophy (1984)*
B.A., Vassar College; M.A., Ph.D., University of North Carolina
- NUSBAUM, ROBERT L., Ph.D., *Associate Professor of Geology (1984)*
B.A., M.S., University of Kansas; Ph.D., University of Missouri at Rolla
- OLBRYCH, JOHN ANTHONY, JR., M.F.A., *Associate Professor of Theatre (1979)*
B.A., University of Massachusetts; M.F.A., Brandeis University
- OLEJNICZAK, WILLIAM J., Ph.D., *Assistant Professor of History (1987)*
B.A., Bradley University; M.A., Ph.D., Duke University

- OLSEN, NORMAN, JR., Ph.D., *Professor of English (1972)*
B.A. Dartmouth College; M.A., Ph.D., Duke University
- OPLINGER, WILLARD LAWRENCE, D.M.A., *Associate Professor of Music (1971)*
A.B., Oberlin College; B.M.E., Oberlin Conservatory of Music; M.M., University of Arkansas; D.M.A., West Virginia University
- ORTH, LAUREN CAROL, Ph.D., *Assistant Professor of Education (1991)*
B.S., University of Montevallo; M.Ed., Ph.D., University of Georgia
- PALMER, THOMAS ALFRED, Ph.D., *Professor of Political Science and Director of International Studies (1970)*
B.A., College of William and Mary; M.A., American University; Ph.D., University of South Carolina
- PARKER, HERB, M.F.A., *Assistant Professor of Studio Art (1991)*
B.F.A., M.F.A., East Carolina University
- PARSON, JACK, Ph.D., *Professor of Political Science (1980)*
B.A., University of Minnesota; M.A., Southern Illinois University; Ph.D., The University of Sussex, England
- PELLEGRINO, ANN C., M.A., *Visiting Instructor of Math (1986)*
B.S., College of Charleston; M.A., The Citadel
- PENNINGTON, MAGGIE THURMAN, Ph.D., *Professor of Biology (1962)*
B.S., Radford College; M.S., Ph.D., University of Virginia
- PERKINS, ROBERT, Ed.D., *Assistant Professor of Education (1989)*
B.A., University of Massachusetts; M.A., Ed.D., West Virginia University
- PERLMUTTER, MARTIN, Ph.D., *Associate Professor of Philosophy (1979)*
B.A., City College of New York; M.A., Ph.D., The University of Illinois
- PETRUSAK, FRANK, Ph.D., *Professor of Political Science (1971)*
B.A., M.A.T., Northwestern University; M.A., Ph.D., Tulane University
- PHARR, WALTER, JR., M.A., *Assistant Professor of Computer Science (1983)*
B.A., Mercer University; M.A., University of Virginia
- PHILLIPS, MICHAEL, M.A., *Associate Professor of Art (1984)*
B.A., Ohio Wesleyan University; M.A., New York University

FACULTY

- PHILLIPS, C. MICHAEL, M.L.S., *Librarian I* (1990)
B.S., College of Charleston; M. of Music, University of Missouri-Kansas City; M.L.S., University of South Carolina
- PINCUS, MICHAEL S., Ph.D., *Professor of Spanish* (1987)
B.A., Union College; M.A., Ph.D., University of North Carolina
- PLUNKETT, LINDA M., Ph.D., C.P.A., *Associate Professor of Business Administration* (1984)
B.B.A., Emory University; M.P.A., Ph.D., Georgia State University
- POTHERING, GEORGE J., Ph.D., *Associate Professor of Computer Science* (1978)
B.S., Allentown College; M.S., University of South Carolina; Ph.D., University of Notre Dame
- POWELL, PHILIP, M.A., *Librarian II*, (1984)
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- POWERS, SANDRA MARY, M.S., *Assistant Professor of Mathematics and Associate Dean of Undergraduate Studies* (1974)
A.B., Notre Dame College; M.S., Michigan State University
- PRAZAK, SUSAN, M.A., *Associate Professor of Mathematics* (1974)
B.A., New York University; M.A., Hunter College
- RAHN, GRAY, B.S., *Early Childhood Development Center* (1988)
B.S., College of Charleston
- RASHFORD, JOHN H., Ph.D., *Associate Professor of Anthropology* (1983)
B.A., Friends World College; M.A., Ph.D., City University of New York
- REYNOLDS, CLARK G., Ph.D., *Professor of History* (1988)
B.A., University of California at Santa Barbara; M.A., Ph.D., Duke University
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- RICHARDSON, TERRY, M.S., *Visiting Instructor of Physics* (1983)
B.S., University of South Carolina; M.S., Vanderbilt University
- RIGNEY, ERNEST G., JR., Ph.D., *Assistant Professor of Sociology* (1980)
B.A., Baptist College at Charleston; M.A., University of South Carolina; Ph.D., University of Illinois at Urbana-Champaign

- RITCHIE, ALEXANDER W., Ph.D., *Associate Professor of Geology (1982)*
B.S., University of North Carolina; M.A., Ph.D., University of Texas
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- ROSENBERG, STEVE, *Associate Professor of Music (1986)*
Prix de Virtuosite, Schola Castorum, Paris
- ROWE, PETER JOHN, Ph.D., *Associate Professor of Psychology (1971)*
B.A., University of South Florida; M.Ed., University of Georgia
- RUDD, HOWARD F., JR., Ph.D., *Professor of Business Administration and Dean of the School of Business and Economics (1984)*
B.S., M.B.A., Syracuse University; Ph.D., Texas Tech University
- RUNEY, MARTHA WHICKER, Ph.D., *Associate Professor of Biology (1974)*
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- SARVATE, DINESH G., Ph.D., *Assistant Professor of Mathematics (1988)*
B.A., M.A., Indore University; M.Phil., Kurukshetra University; Ph.D., Sydney University
- SCHLAU, GEORGIA T., M.A., *Visiting Instructor of Languages (1990)*
B.A., M.A., University of South Carolina
- SCHMITT, GREGORY C., M.A., *Assistant Professor of English (1984)*
B.A., Central Washington State College; M.A., University of Missouri
- SCLIPPA, NORBERT, Ph.D., *Assistant Professor of French (1985)*
Licence es Lettres, La Sorbonne, Paris; M.A., Hunter College; Ph.D., City University of New York
- SEAMAN, SHEILA L., M.S.L.S., *Librarian II and Assistant Dean for Public Services (1981)*
B.A., Colby College; M.S.L.S., Case Western Reserve University
- SHAINWALD, RICHARD G., Ph.D., *Professor of Business Administration (1973)*
B.S., Northeastern University; M.B.A., Stetson University; Ph.D., University of Georgia
- SHANKS, ALAN, Ph.D., *Assistant Professor of Biology (1990)*
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- SILVERMAN, HERB, Ph.D., *Professor of Mathematics (1976)*

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B.A., Bucknell University; M.A., Ph.D., Duke University

SMILEY, JAMES WATSON, Ph.D., *Professor of Biology (1971)*
B.S., M.S., Ph.D., University of South Carolina

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B.S., M.Ed., Bloomsburg State College; Ph.D., University of Georgia

SOBIESUO, ANDREW, PH.D., *Assistant Professor of Languages (1990)*
B.A., University of Ghana; M.A., Ph.D., Ohio State University

SOMMER-KRESSE, SUE A., Ph.D., *Associate Professor of Education and Vice President for Enrollment Management (1979)*
B.S., M.A., University of Minnesota-Duluth; Ph.D., University of Wisconsin-Madison

SPAKE, REUBEN M., Ph.D., *Visiting Assistant Professor of Mathematics (1987)*
B.A., M.A., Ph.D., University of California at Davis

SPARKS, RANDY J., Ph.D., *Assistant Professor of History (1989)*
B.A., M.A., Mississippi State University; Ph.D., Rice University

SPRANG, KATHERINE, M.A., *Instructor of German and Director of the Language Laboratory (1989)*
B.A., College of Charleston; M.A., University of Texas at Arlington

STARR, ALEX, M.F.A., *Assistant Professor of Theatre (1989)*
B.S., M.A., Brigham Young University; M.F.A., University of California, San Diego

STARR, CHRISTOPHER W., A.B.D., *Assistant Professor of Computer Science (1987)*
B.S., College of Charleston; M.S., A.B.D., Medical University of South Carolina

STEIN, ANN, M.A., *Visiting Instructor of Sociology/Anthropology (1990)*

- B.A., Emory University; M.A., University of Virginia
- STEUER, FAYE B., Ph.D., *Associate Professor of Psychology (1976)*
B.A., University of Rochester; M.S., Cornell University; Ph.D., University of North Carolina
- STIGLITZ, BEATRICE, Ph.D., *Associate Professor of French (1979)*
B.A., Hunter College; M.A., New York University; M.Ph., Ph.D., City University of New York
- STRAUCH, KATINA PARTEMOS WALSER, M.S., *Librarian IV (1979)*
B.A., M.S.L.S., University of North Carolina
- TENNYSON, MACK, Ph.D., C.P.A., *Associate Professor of Business Administration (1981)*
B.S., Charleston Southern University; Ph.D., University of South Carolina
- TIDWELL, GARY, L.L.M., *Associate Professor of Business Administration (1986)*
B.S., J.D., University of Arkansas; L.L.M., New York University School of Law
- TISDALE, PAMELA COCHRANE Ph.D., *Dean of the School of Education and Professor of Education (1977)*
B.A., Wilson College; M.Ed., Ph.D., University of Florida
- TORIS, CAROL CATHERINE MARIE, Ph.D., *Associate Professor of Psychology (1981)*
B.A., Rutgers University; M.A., Ph.D., University of Virginia
- TOURNIER, ROBERT EDWARD, Ph.D., *Professor of Sociology (1972)*
B.A., MacMurray College; Ph.D., Tulane University
- TSAI, JUNG FANG, Ph.D., *Professor of History (1973)*
B.A., Tunghai University; M.A., University of Maryland; Ph.D., University of California at Los Angeles
- TYZACK, MICHAEL, D.F.A., *Professor of Art (1976)*
Diploma of Fine Arts (London), Slade School of Fine Arts
- UWAH, GODWIN W., Ph.D., *Associate Professor of French (1983)*
N.C.E., Alvan Ikoku College of Education, Nigeria; D.E.F., University of Dakar; C.E.F., Université de Poitiers, France; M.A., Winthrop College; Ph.D., Florida State University
- VILATTE-COOPER, LILIANE, M.A., *Visiting Instructor of Languages (1990)*
B.A., Glenville State College; B.A., M.A., West Virginia University

FACULTY

- VINCENT, JAMES W., Visiting Assistant Professor of History (1991)
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- VOORNEVELD, RICHARD, Ph.D., *Associate Professor of Education* (1983)
B.A., St. Leo College; M.A., University of South Florida; Ph.D., University of Florida
- WARD, PATRICIA, Ph.D., *Assistant Professor of English* (1989)
B.A., College of Charleston; M.A., University of South Carolina; Ph.D., University of North Carolina at Chapel Hill
- WASHAM, ANITA, M.A., *Visiting Instructor of English* (1991)
B.A., M.A., Middle Tennessee State University
- WATTS, JAMES FRED, Ph.D., *Professor of Physics* (1970)
B.S., University of Richmond; M.A., Wake Forest University; Ph.D., Virginia Polytechnic Institute and State University
- WHITE, THOMAS C., III, Ph.D., C.P.A., *Associate Professor of Business Administration* (1985)
B.A., B.S., University of Kansas; M.B.A., M.S., Ph.D., Golden Gate University
- WHITNEY, CARL, Ph.D., *Assistant Professor of Biology* (1986)
B.S., Iowa State University; M.S., Ph.D., University of British Columbia
- WHITTEMORE, ANN, M.A., M.Ed., *Early Childhood Development Center* (1984)
B.A., Skidmore College; M.A., Lesley College; M.Ed., Smith College
- WILDER, HUGH THOMPSON, Ph.D., *Professor of Philosophy* (1981)
B.A. Denison University; M.A., Ph.D., University of Western Ontario
- WILKINSON, JAMES B., Ph.D., *Professor of Computer Science* (1983)
B.S., Davidson College; Ph.D., Duke University
- WISEMAN, D. REID, Ph.D., *Associate Professor of Biology* (1976)
B.A., M.A., Ph.D., Duke University
- WISOTZKA, PAIGE E., Ph.D., *Associate Professor of French* (1983)
B.A., Hood College; M.A., Université de Paris—Middlebury College; Ph.D., Washington University
- WOJCICKA, EWA, Ph.D., *Assistant Professor of Mathematics* (1985)
B.S., University of Gdansk, Poland; Ph.D., University of South Carolina
- WOODSIDE, B. PERRY, Ph.D., *Associate Professor of Finance* (1968)
B.A., Furman University; M.B.A., Ph.D., University of South Carolina

YAUN, PETER HAROLD, Ed.D., *Associate Professor of Education (1973)*
B.A., Stetson University; M.Ed., State University of New York, Brock-
port; Ed.D., Baylor University

YOUNG, PAUL T., Ph.D., *Assistant Professor of Mathematics (1991)*
B.S., Lawrence Institute of Technology; M.S., Ph.D., Oklahoma State
University

EXECUTIVE OFFICERS OF THE ADMINISTRATION

HARRY M. LIGHTSEY, JR.
President

CONRAD D. FESTA
Provost/Senior Vice President for Academic Affairs/Dean of the Faculty

FREDERICK W. DANIELS
Senior Vice President for Executive Administration and
Institutional Resources

GEORGE HABORAK
Senior Vice President for Student Affairs

ROBERT LYON
Senior Vice President for Institutional Advancement

J. FLOYD TYLER
Senior Vice President for Business Affairs

DEPARTMENTS OF THE ADMINISTRATION

ACADEMIC AFFAIRS

Conrad D. Festa, Provost and Senior Vice President of Academic Affairs
(1987)

B.A., Wheaton College; M.A., Cornell University; Ph.D., University
of South Carolina

Andrew L. Abrams, Associate Provost (1991)

B.A., Furman University; J.D., University of South Carolina Law
School; LL.M., University of Virginia School of Law

Sharon F. Pothering, Assistant Vice President for Academic Affairs (1984)

B. A., M.P.A., College of Charleston

Beth Murphy, Executive Support Specialist (1989)

B.A., College of Charleston

ACADEMIC COMPUTING

Margaret E. James, Director (1978)

B.S. College of Charleston

Nancy B. Hadwin, User Analyst (1987)

B.S. College of Charleston

Gerald H. Hollister, Systems Programmer (1986)

B.S. College of Charleston

Adriana M. Link, Administrative Support Specialist (1987)

Adria K. Sullivan, User Analyst (1990)

B.S. Pennsylvania State University
Michael A. Todd, Software Support Technician (1988)
B.S. College of Charleston

ADMINISTRATIVE SERVICES

Elizabeth B. Godfrey, Director (1979)
Tammy Prioleau, Printing Specialist (1990)
Tina Whitehead, Communications Specialist (1981)

ADMISSIONS

Donald C. Burkard, Dean of Admissions (1986)
B.A., M.S., St. Bonaventure University
Agnes Berry, Admissions Counselor (1989)
B.S., College of Charleston
Althea Brown, Administrative Support Specialist (1989)
Ellen Burckhardt, Administrative Support Specialist (1986)
Robert Campbell, Admissions Counselor (1989)
B.S., The Citadel
Otto B. German, Associate Director of Admissions (1973)
B.S. College of Charleston
Patricia A. Jones, Student Services Program Coordinator and Associate
Director (1973)
B.A. College of Charleston
Clara Martin, Administrative Support Specialist (1989)
Suzette Stille, Admissions Counselor (1986)
B.A., Wofford College
Deloris Van Dyke, Director of Operations (1985)

ALUMNI SERVICES

Tony Meyer, Director of Alumni Services (1954)
B.S., College of Charleston; M.A., Appalachian State University
Karen Jones, Assistant Director of Alumni Services (1991)
B.S. College of Charleston
Karen M. Simmons, Word Processing Specialist (1989)
Susan Snead, Administrative Support Specialist (1987)
A.B., Nassau Community College

ATHLETIC DEPARTMENT

Andrew Abrams, Executive Director of Athletics
B.A., Furman University; J.D., University of South Carolina Law
School; LL.M., University of Virginia School of Law
Jeannette Alston, Assistant Women's Basketball Coach (1990)
B.S. Francis Marion College
Angelo Anastapoulo, Head Tennis Coach (1991)
B.A., The Citadel
Jerry I. Baker, Assistant Athletic Director (1984)

ADMINISTRATIVE OFFICES

- B.A., College of Charleston; M.Ed., University of South Carolina
Marie D. Barnette, Women's Basketball Coach (1984)
B.S., College of Charleston; M.Ed., The Citadel
Colin Bentley, Coach (1988)
Ralph Ciabattari, Head Baseball Coach (1989)
B.S. Baptist College
Dwayne Grace, Assistant Men's Basketball Coach (1988)
B.S. College of Charleston
Roger B. Hinds, Athletic Trainer (1980)
B.S., Brooklyn College; M.S., Indiana State-Terre Haute
William B. King, Men's & Women's Swim Coach (1976)
B.A., M.A., East Carolina University
John L. Kresse, Athletic Director/Men's Basketball Coach (1979)
B.A., M.A., St. John's University
Laura Lageman, Head Volleyball Coach/Assistant Athletic Director (1989)
B.S., State University of New York; M.A., University of Florida
Ralph Lundy, Soccer Coach (1987)
B.S., M.S., Western Carolina University
Gregg Marshall, Assistant Men's Basketball Coach (1988)
B.S., Randolph Macon College; M.A., University of Richmond
Michael G. Marshall, Assistant Basketball Coach (1988)
Marilyn S. McKenzie, Administrative Support Specialist (1974)
Elizabeth Rainey, Administrative Support Specialist (1987)
Martin Travis, Assistant Athletic Trainer
Anita Van De Erve, Executive Director - Cougar Club (1988)
B.S. Francis Marion College
George K. Wood, Director of Sailing (1975)
B.A., University of Richmond; M.A.T., University of North Carolina; Ph.D., University of Maryland

AUXILIARY SERVICES

- Joel J. Lake, Director of Auxiliary Services (1975)
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BUSINESS AFFAIRS

- J. Floyd Tyler, Senior Vice President for Business Affairs (1970)
B.S., University of South Carolina
Priscilla D. Burbage, Budget Director (1974)
Linda B. Krantz, Executive Support Specialist (1988)
I. Marie Morris, Senior Budget Analyst (1971)

CAREER SERVICES

Boyce V. Cox, Jr., Dean of Career Development (1971)

B.A., Wake Forest; M.Div., Duke University

Melinda Miley, Job Developer (1991)

Arnold Eric Prioleau, Coordinator of Cooperative Education and Internships (1974)

CENTRAL ENERGY

Harry Feller, Plant Maintenance Manager (1973)

COLLEGE RELATIONS

Susan Sanders, Director of College Relations (1978)

B.A., Florida State University

Patrick Harwood, Associate Director of College Relations (1992)

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B.A., American University

Paige Parisi, Media Specialist (1992)

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Kathleen F. Whitney, Publications Editor (1990)

B.A., Western Kentucky University

Faith T. Wilson, Administrative Assistant (1988)

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Cristina Young, Graphic Designer (1990)

B.F.A., Ringling School of Art and Design

COLLEGE SKILLS LAB

T. Steve Gibson, Director of College Skills Lab (1975)

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COLLEGE STORE

Ralph Conrad, College Store Manager (1973)

Gloria T. Deas, Textbook Manager (1979)

ADMINISTRATIVE OFFICES

COMPUTER SERVICES

- Marcia K. Moore, Director (1983)
B.S., Clemson University; M.A., Central Michigan
- Jan Bernard, Data Coordinator (1983)
- Joan Brown, Administrative Specialist (1989)
B.S., College of Charleston
- Carol D. Chatman, Data Coordinator (1990)
- Deborah L. Doscher, Information Resources Coordinator (1983)
- Sue L. Dowd, Systems Programmer (1986)
B.S., College of Charleston
- Tina S. Lacey, Computer Programmer (1987)
A.A., Trident Technical College
- Betty J. Munford, Computer Operator (1982)
- Janice D. O'Neill, Programmer Analyst (1982)
- Debra F. Pitre, Operations Manager (1984)
- Robert D. Richardson, Computer Operator (1987)
- Michael A. Smith, Network Services Manager (1987)
B.S., College of Charleston
- Lynn D. Todd, Programmer Analyst (1984)
B.A., Newcomb College of Tulane University; M.A., University of South Carolina
- Lisa B. Weaver, Computer Programmer (1985)
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CONTINUING EDUCATION

- Abbie F. Smith, Dean (1983)
B.A., University of Wichita; M.A., Wichita State University; Ph.D., University of Kansas
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CONTROLLER

- Joseph E. Bolchoz, Jr., Controller (1972)
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- Antonette Boswell, Accounting Technician (1991)
- Joyce Bowers, Accounting Technician (1972)
- Leonardo V. Cortez, Senior Accountant (1984)
M.B.S., University of De La Salle; M.A., Loyola House of Studies (Ateneo de Manila University)
- Madeline De Angio, Administrative Support Specialist (1985)
- Patrick D. Green, Director of Sponsored Programs (1987)
B.S., Auburn University
- Kathy La Fleur, Accounts Receivable (1978)
- Harriet Mazyck, Administrative Specialist (1983)
A.A.S., El Paso Community College
- Doris Noriega, Accounting Technician (1984)

- Audrey A. Partlow, Accountant (1977)
A.B., ICS Commercial Department
- James Pooser, Accountant (1977)
- Phyllis Singleton, Accountant (1979)
A.B., Palmer College
- Daphne Stephens, Accountant (1973)
- Ernesto Torres, Assistant Controller (1983)
B.B.A., University of the East; M.B.A., The Citadel; C.P.A., State of South Carolina
- Emma Williams, Accounting Technician (1976)
- Mary Deas Wilson, Grants Accountant (1974)
B.S., Shaw University

COUNSELING

- Ellenor Mahon, Director (1973)
B.A., Winthrop College; M.Ed., University of South Carolina
- Mary Capers, Counselor (1974)
B.A., Barber-Scotia; M.A., Michigan State University
- Joseph R. Dispenza, Psychologist (1990)
B.A., State University of New York College at Buffalo; Ph.D., State University of New York at Buffalo
- Brenda O'Reilly, Associate Director, Clinical Psychologist (1987)
B.S., Virginia Polytechnic Institute and State University; Ph.D., University of South Carolina
- Cary Weber, Clinical Psychologist (1990)
B.A., Biola University; M.A., California State University; Ph.D., United States International University

CUSTODIAL SERVICES

- Tom Brewer, Director (1988)
- Leroy Bennett, Supervisor Custodial Services (1970)
- Mae Goodwin, Supervisor Custodial Services (1974)

DEVELOPMENT

- Karen K. Abrams, Director of Development (1986)
B.A., Furman University
- Paul J. Craven, Jr., Director of Corporate and Foundation Relations (1990)
B.A., Furman, B.D., Th.M., D.Min., Southeastern Baptist Theological Seminary
- Elizabeth Hull, Associate Director of Annual Giving (1990)
B.A., University of South Carolina
- Paula R. Ruth, Accounting Technician (1987)
- Barbara Scalse, Administrative Specialist (1991)
- Treva S. Simpson, Administrative Support Specialist (1985)
- Melicent Steed, Administrative Specialist (1991)
- Tomi G. Youngblood, Director of Corporate Relations (1991)
B.A., University of South Carolina

ADMINISTRATIVE OFFICES

EARLY CHILDHOOD DEVELOPMENT CENTER

- Margaret W. Humphreys, Director (1980)
M.Ed., University of South Carolina
- Maria Long, Master Teacher (1989)
M.Ed., College of Charleston
- M. Gray Rahn, Master Teacher (1988)
M. Ed., College of Charleston
- Jennie Rose, Master Teacher (1986)
M.Ed., College of Charleston
- Ann Whittemore, Master Teacher (1984)
M.Ed., Lesley College

ENROLLMENT MANAGEMENT

- Sue A. Sommer-Kresse, Vice President for Enrollment Management (1980)
B.S., M.A., University of Minnesota; Ph.D., University of Wisconsin-Madison
- Brenda Watts, Administrative Assistant (1988)

FINANCIAL ASSISTANCE AND SCHOLARSHIPS

- Donald R. Griggs, Director of Financial Assistance and Scholarships (1986)
A.A.S., Chesterfield-Marlboro Technical College; B.A., Coker College; M.Ed., University of South Carolina
- Rhonda Avery, Word Processing Supervisor (1988)
- Robert N. Kersey IV, Program Coordinator for Grants and Athletic Affairs (1989)
B.S., University of South Carolina
- Robert E. Matheny, Program Coordinator for Loans and Veterans' Affairs (1981)
B.S., College of Charleston
- Gail Pike, Administrative Support Specialist (1989)
- H. David Singleton, Counselor (1990)
B.A., College of Charleston; M.Ed., University of South Carolina
- Eva Skipper, Assistant Director (1989)
A.B., Erskine College; M.Ed., University of Georgia

GOVERNOR'S SCHOOL

- Andrew L. Abrams, Director of the Governor's School
B.A., Furman University; J.D., University of South Carolina Law School; LL.M., University of Virginia School of Law
- R. Maria Mansfield, Assistant Director (1991)
B.A., College of Charleston

GRADUATE STUDIES

- Andrew L. Abrams, Acting Dean of Graduate Studies (1991)
B.A., Furman University; J.D., University of South Carolina Law

School; LL.M., University of Virginia School of Law
Laura H. Hines, Student Services Program Coordinator (1991)
B.A., Mary Washington College; MPA, College of Charleston

GRANTS

Patrick Green, Director of Grants Administration (1987)
B.A., Auburn University
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A.A.S., El Paso Community College

THE HONORS PROGRAM

Rose C. Hamm, Director (1975)
B.S., College of Charleston; M.S., University of South Carolina;
Ph.D., Auburn University
R. Maria Mansfield, Assistant Director (1991)
B.S., College of Charleston
Sharroll E. Qunell, Administrative Support Specialist (1986)
A.S., Parkland College

INSTITUTE FOR PUBLIC AFFAIRS AND POLICY STUDIES

Arthur Felts, Director, Institute for Public Affairs and Policy Studies,
Director, Master of Public Administration Program, Associate
Professor of Political Science (1989)
Ph.D., Pennsylvania State University
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Janet Key, Assistant Director, Master of Public Administration Program,
Director, Public Management Assistance Program (1988)
M.P.A., College of Charleston

INSTITUTIONAL ADVANCEMENT

Robert E. Lyon, Senior Vice President for Institutional Advancement (1984)
B.A., University of Tennessee
Paul Y. DuPont, Certified Public Accountant (1985)
B.S., University of North Carolina at Chapel Hill
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INSTITUTIONAL RESEARCH AND CAMPUS PLANNING

Monica R. Scott, Director (1980)
B.A., M.P.A., Pennsylvania State University
Cheryl B. Bolchoz, Statistician (1989)
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INTERNATIONAL AND EXCHANGE PROGRAM

Joyce Bylander, International Programs Coordinator and Foreign Student
Advisor (1989)
B.A., Cleveland State University; M.P.A., University of South

ADMINISTRATIVE OFFICES

Carolina, College of Charleston

INTERNATIONAL STUDIES

Thomas A. Palmer, Director (1970)
B.A., College of William and Mary; M.A., American University;
Ph.D., University of South Carolina

LEARNING RESOURCES CENTER

Virginia Tormey Friedman, Director (1984)
B.A., College of Staten Island, CUNY; M.L.S., Pratt Institute
Jill Conway, Administrative Specialist (1984)
B.A., Richmond College
Timothy Fennell, Producer-Director (1989)
B.A., University of South Carolina
Joan Mack, Media Resources Coordinator (1985)
B.S., South Carolina State College
Paige Parisi, Media Specialist (1992)
B.A., Skidmore College

LIBRARY

David Cohen, Dean of Libraries and Special Collections (1982)
B.A., M.A., University of Pennsylvania; M.L.S., Drexel University;
Ph.D., University of Pennsylvania
Katherine F. Bielsky, Head Cataloger (1984)
B.A., Catawba College; M.A., University of Tennessee; M.L.S.,
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B.A., Wittenberg University; M.A., University of Michigan; M.L.S.,
Emory University
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B.A., Allen University; M.L.S., Queens College; M.A., City Univer-
sity of New York (CUNY)
Gail Garfinkle, Head, Special Collections (1990)
B.A., M.L.S., Emory University
Thomas Gilson, Head, Reference (1986)
B.A., John Fisher College; M.L.S., University of Buffalo
Helen A. Ivy, Head, Marine Resources Library (1982)
A.B., Georgia Southwestern College; M.L.S., George Peabody
College
Robert F. Neville, Assistant Dean Technical Services (1981)
B.A., Dickinson College; M.A., M.L.S., University of Maryland
C. Michael Phillips, Reference Librarian (1982)
B.A., College of Charleston; M.M., University of Missouri-Kansas
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Philip Powell, Reference Librarian (1984)
B.A., M.S., Illinois State University; M.A., Northern Illinois Univer-

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Sheila L. Seaman, Assistant Dean Public Services (1981)
B.A., Colby College; M.S.L.S., Case Western Reserve University
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B.A., Palmer College

MAIL SERVICE

- LaMont Meyers, Supervisor, Mail Services (1980)
B.A., College of Charleston

OFFICE OF THE PRESIDENT

- Harry M. Lightsey, Jr., President (1986)
B.S., Clemson University; D.V.M., University of Georgia; L.L.B.,
University of South Carolina School of Law
Andrew L. Abrams, Vice President for Legal Affairs and Associate Provost
(1986)
B.A., Furman University; J.D., University of South Carolina School
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Ellen Bensten, Executive Support Specialist (1989)
Betty L. Craig, Administrative Assistant (1970)
B.A., University of Kentucky
Frederick W. Daniels, Senior Vice President for Executive Administration
and Institutional Resources (1967)
Daniel S. Dukes IV, Vice President for Governmental Affairs (1984)
B.A., M.P.A., College of Charleston
J. Eric Forsberg, Internal Auditor (1974)
B.S., College of Charleston
Lib Foster, Manager of Sottile Theatre (1991)
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B.S., M.S., Southwest Missouri State University
Elizabeth W. Kassabaum, Assistant Vice President for Executive Administra-
tion (1987)
B.A., University of South Carolina
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Kathryn Norton, Program Coordinator

ORIENTATION

- Susan T. Ventola, Director of Orientation (1986)
B.A., Middlebury College; M.Ed., Northeastern University
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PERSONNEL

- M. B. Bond, Director (1972)
Cheryl G. Connor, Personnel Assistant (1986)

ADMINISTRATIVE OFFICES

Barbara A. Mitchell, Personnel Specialist (1977)
Janet Scardo, Administrative Specialist (1990)
Andria D. Stevens, Personnel Assistant (1987)

PHYSICAL PLANT

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B.S.C.E., University of Mississippi
Mary K. Colacicco, Administrative Assistant (1973)
Rodney Eldredge, Engineer (1983)
Larry F. Franklin, Superintendent of Maintenance (1988)
James B. Miller, Deputy Director of Physical Plant (1987)
B.S.B.A., S.E. Missouri State University
William H. Taylor, Engineer (1988)
David J. Tomayko (1991)
B.S.C.E., University of Detroit; M.S.C.E., University of Michigan

PROCUREMENT AND SUPPLY SERVICES

Anne D. Brownyard, CPPO, Director Procurement and Supply Services ('77)
Bobbie J. Adkins, Supply Specialist (1989)
Larry E. Allen, PPB, Procurement Officer (1975)
Richard M. Bennett, PPB, Procurement Officer (1974)
David W. Hartkemeyer, Property Inventory Specialist (1984)
Frederick N. Hiers, Supply Specialist (1989)
George A. Horn, Procurement Officer (1991)
J. Robert Rodwell, Supply Manager (1990)
Charles W. Short, Assistant Director (1989)
Marc A. West, Procurement Officer (1991)
Saundra L. Williams, Procurement Officer (1974)

PUBLIC SAFETY

James H. Goss, Deputy Chief (1982)
B.S. Criminal Justice, State University of New York at Buffalo
Edward E. Jackson, Captain (1981)
Charlotte A. Wilson, Business Associate II (1972)

REGISTRAR

William A. Anderson, Registrar (1987)
A.B., University of Georgia; M.A., Roosevelt University
Marcia Bonica, Associate Registrar (1991)
M.Ed., The Citadel, B.S., University of Massachusettes
Jason Carrico, Schedule Coordinator (1991)
Becky Cowee, Administrative Support Specialist (1989)
Cheryl Davis, Enrollment Certification (1990)
Christopher Gilliard, Transcript Coordinator (1986)
Julie Hite, Assistant Registrar (1991)
B.S., University of Maryland, College Park

Sylvia Myers, Data Control (1991)
Wanda Ward, Administrative Specialist (1990)
Eleanor S. Weiters, Data Coordinator (1979)

RESIDENCE LIFE/HOUSING

Dr. Renee G. Pope, Director of Residence Life/Housing (1991)
Doctor of Education, Ed.S., M.Ed., B.A., University of South
Carolina
Maxine Collier, Coordinator of Residence Life for Housing Assignments
(1989)
A.S., Trident Tech; A.S., Rutledge College
Rebecca Grant-Richardson, Assistant Director of Residence Life for Housing
Assignments and Off Campus Housing (1978)
M.Ed., The Citadel; B.S., College of Charleston
Linda McAmis, Receptionist (1988)
Kristi Reeves, Assistant Director of Residence Life for Programming and
Staff Development (1991)
B.S., Northeast Missouri State University

STERN STUDENT CENTER AND STUDENT ACTIVITIES

Richard B. Voorneveld, Interim Director (1983)
B.A., St. Leo; M.A., University of South Florida; Ph.D., University of
Florida
Bill King, Assistant Director, Director of the Swimming Pool, Swim Team
Coach (1977)
B.S., M.A., East Carolina University
Norma Luden, Administrative Support Specialist (1980)
Jane Smith, Assistant Director for Programs (1989)
B.A., Wake Forest University; M.Ed., Oregon State University
Steve Turner, Night Manager (1990)
B.A., University of South Carolina

STUDENT AFFAIRS

George Edward Haborak, Senior Vice President for Student Affairs (1971)
A.B., M.A., Boston College; M.A., Wayne State University; Ph.D.,
Catholic University of America
Eileen M. Baran, Student Services Program Coordinator (1974)
Laura Griffin, LEADS Coordinator (1989)
Richard Voorneveld, Director of Student Development (1983)
B.A., St. Leo College; M.A., University of South Florida; Ph.D.,
University of Florida

STUDENT HEALTH SERVICES

Margaret C. Grimm, Certified Nurse Practitioner (1991)
M.S., R.N.C., University of Maryland School of Nursing
Evelyn Wear, Head Nurse (1977)

ADMINISTRATIVE OFFICES

R.N., Medical College of South Carolina

TREASURER

Dianne P. Dyches, Assistant Treasurer (1977)
Marie F. Collins, Accounting Technician (1961)
Vera E. King, Data Control Clerk (1979)
Gina M. Mock, Accounting Technician (1988)

UNDERGRADUATE STUDIES

William A. Lindstrom, Associate Dean of Undergraduate Studies (1973)
B.A., Auburn University; M.S., Ph.D., Clemson University
Frieda Nichols, Administrative Specialist (1991)
Sandra M. Powers, Associate Dean of Undergraduate Studies (1974)
A.B., Notre Dame College; M.S., Michigan State University
Olivia White, Director of Special Undergraduate Programs (1988)
B.A., College of Charleston; M.Ed., University of South Carolina

THE COLLEGE OF CHARLESTON FOUNDATION

The College of Charleston Foundation was established to provide support for students, faculty, and activities of the College for which state funding generally cannot be provided. The Foundation is an eleemosynary corporation whose purpose, as expressed in the by-laws, is to establish and implement a long-range fund-raising program. The funds raised are intended to help expand and improve the educational functions of the College and to build an endowment fund with earnings from that fund to be expended annually by the Foundation directors for the exclusive benefit of the College of Charleston. The Foundation supports scholarships, faculty enrichment programs, and other College/community activities.

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THE ALUMNI ASSOCIATION

The College of Charleston Alumni Association has been in continuous operation since 1888. There is evidence, however, that an organization of alumni known as the Society of Graduates was in existence as early as 1834. The Society of the Alumni of the College of Charleston appeared in 1847 and continued for approximately 25 years. The present Alumni Association was organized on June 13, 1888, and has existed without a break since that time.

The purpose of the association, as expressed in its constitution, is "to manifest interest in, and to promote the welfare of, the College of Charleston."

The Alumni Association holds its annual meeting the weekend of May commencement. At this time, the formal business of the organization, including election of officers, is transacted. The annual meeting traditionally has been followed by a reception honoring all alumni and members of the graduating class.

The association works closely with the College's Office of Alumni Services. It awards the Willard A. Silcox Scholarships and the Harry W. Freeman Scholarships, which are available to children of alumni; the Alumni Scholarships to students with leadership potential; the Alumni Medal to the member of the junior class with the highest academic average; academic awards for outstanding work in modern languages (the Graeser Memorial Award) and in mathematics (the Harrison Randolph Award).

Operating through its elected Executive Committee, the group annually conducts membership campaigns and various fund-raising activities to assist the association, the College, and the College of Charleston Foundation.

The association also sponsors gatherings for alumni, faculty, and students throughout the year, and periodically arranges for group tours in this country and overseas.

The Executive Committee assists with the publication of "The College News," sponsors an Alumni Fest in the fall, promotes alumni gatherings in various cities throughout the country, and helps with class reunions and homecoming celebrations.

The Old Timers, those alumni whose classes have been graduated 50 or more years, are honored with a special reception as part of the annual Founders Day ceremonies in March.

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