

1997-1998 Catalog






Chowan

COLLEGE

Murfreesboro, North Carolina
27855



1997 – 1998
CATALOG



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COLLEGE CALENDAR

SUMMER 1997

- 3 June, Tuesday - Deadline for registration for summer session and for summer institutes
- 16 June, Monday - Students arrive; residence halls open at 8:30 AM
- 16 June, Monday - All students report to the office of the Registrar, 9:30 AM - 3:00 PM
- 17 June, Tuesday - Classes begin
- 19 June, Thursday - Last day classes may be added
- 20 June, Friday - Classes will meet
- 24 June, Tuesday - Last day classes may be dropped
- 27 June, Friday - No classes
- 4 July, Friday - Independence Day; no classes
- 7 July, Monday - Last day classes may be dropped with a grade of WP or WF
- 7-8 July, Monday-Tuesday - Orientation for new students
- 11 July, Friday - Classes will meet
- 18 July, Friday - No classes
- 25 July, Friday - Final exams

FALL 1997

- 19 August, Tuesday - President's Banquet, 6:30 PM
(for all faculty, staff and spouses)
- 20-21 August, Wednesday - Thursday - F/S Workshop
- 21 August, Thursday - New students arrive and check in; 8:00 AM - 12 NOON. Convocation for new students and families (1:30 PM)
- 21-25 August - Thursday-Monday - New students follow schedule of activities provided by Student Life
- 22 August, Friday - Testing for new students who did not pre-register begins at 8:00 AM
- 24 August, Sunday - Spiritual convocation for new students, 10:30 PM
- 24 August, Sunday - New students meet with advisors, 4:00 PM - 6:00 PM
- 24 August, Sunday - Continuing and returning students arrive. Check in begins at 2:00 PM
- 25 August - Continuing and returning students meet with advisors at 8:30 AM
- 25 August, Monday - Class registration in Marks Hall. Class changes only - 2:30 - 3:30 PM Registration for those who did not pre-register - 4:00 - 5:00 PM

2—College Calendar

- 26 August, Tuesday - Classes begin
- 2 September, Tuesday - Last day to add classes
- 16 September, Tuesday - Last day to drop classes without record
- 27 September, Saturday - Family Day
- 8 October, Wednesday - Founders Convocation (11:00 AM)
- 17 October, Friday - Mid-term grading period
- 18 October, Saturday - Homecoming
- 24 October, Friday - Fall break begins at conclusion of classes
- 29 October, Wednesday - Classes resume at 8:00 AM
- 29 October, Wednesday - Last day to drop classes with a grade of WP or WF
- 3-7 November, Monday-Friday - Preregistration for spring semester
- 25 November, Tuesday - Thanksgiving holidays begin at conclusion of classes
- 1 December, Monday - Classes resume at 8:00 AM
- 15-19 December, Monday-Friday - Final exams
- 19 December, Friday - Christmas holidays begin at end of exam schedule

SPRING 1998

- 9 January, Friday - Faculty/Staff Workshop
- 11 January, Sunday - Students arrive and check in.
Residence halls open at 2:00 PM
- 12 January, Monday - Sophomores, juniors, and seniors meet with advisors at 8:30 AM. Freshman and new students meet with advisors at 1:30 PM
- 13 January, Tuesday - Class registration in Marks Hall. Class changes only: 9:00-10:00 AM. Registration for those who did not pre-register - 10:30-11:30 AM
- 14 January, Wednesday - Classes begin
- 19 January, Monday - Martin Luther King Day (no classes)
- 21 January, Thursday - Last day to add classes
- 21 January, Thursday - Spring Convocation at 11:00 AM
- 4 February, Wednesday - Last day to drop classes without record
- 6 March, Friday - Mid-term grading period
- 6 March, Friday - Mid-term break begins at conclusion of classes
- 16 March, Monday - Classes resume at 8:00 AM
- 20 March, Friday - Last day to drop classes with grade of WP or WF
- 10 April, Friday - Good Friday (no classes)
- 13-17 April, Monday-Friday - Pre-registration for fall semester
- 4 May, Monday - Awards Day Convocation (11:00 AM)
- 7 May, Thursday - Reading Day (no classes)
- 8-14 May, Friday-Thursday - Final exams
- 16 May, Saturday - Graduation exercises at 10:30 AM
Residence halls close at 3:00 PM

THE COLLEGE

Chowan College is a four-year co-educational institution. It is the second oldest of North Carolina's seven Baptist colleges. It opened in 1848 as a four-year college for women, Chowan Baptist Female Institute. It was renamed Chowan College in 1910, admitted male students in 1931, and became a two-year institution in 1937. In 1992 the college returned to four-year status when it admitted a junior class.

The college continues to expand its academic program and to recruit well qualified faculty. At the same time, it continues to appreciate its identity as a small church-related institution whose people know each other. The college attempts to provide an environment that is comfortable and conducive to intellectual, social, and spiritual growth. The administration and faculty believe in and insist upon intellectual freedom, while continuing the commitment to Christian principles. Chowan College does not discriminate on the basis of gender, race, color, age, creed, national origin, or handicap in its policies concerning employment, admission, housing, scholarships and grants-in-aid, and public functions.

INSTITUTIONAL PURPOSE

The Mission Statement and the Institutional Goals which follow constitute the official Statement of Purpose of Chowan College.

MISSION STATEMENT

Chowan College is a four-year coeducational institution committed to excellence in teaching, learning, and service. The college provides the environment for students to become learners who possess the skills, knowledge, creativity, and ethical values necessary to survive and flourish in a rapidly-changing, culturally diverse, global society. Chowan College, as a church-related institution, was founded upon and is dedicated to Judeo-Christian values. Consistent with this heritage, the college is guided by the historic principles of religious and intellectual freedom—academic excellence, the dignity and worth of each individual, an atmosphere of open dialogue, freedom of inquiry and expression, and a moral commitment to the pursuit of truth.

The college fulfills its mission with a careful blend of both liberal arts courses and professional courses. Recognizing that such a blend of knowledge and experience is particularly suited to the needs of contemporary society, Chowan takes as a priority the need to connect general education with specialized education, theoretical learning with practical learning, and intellectual skills with vocational skills. These connections are emphasized throughout the four years normally required to satisfy graduation requirements.

The college meets the academic, social, and spiritual needs of its students by affording personal attention in a caring context, providing extracurricu-

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lar opportunities which facilitate positive life experiences, furnishing diverse programs maintained in appropriately appointed physical facilities, promoting and supporting the ideal of responsibility to self and others, and employing a qualified and diverse faculty and staff who are committed to the mission of the institution.

INSTITUTIONAL GOALS

- GOAL I: To provide requisite courses and instruction for all degrees offered.
- GOAL II: To mold all curricula so as to connect general education with specialized education and theoretical learning with practical learning.
- GOAL III: To ensure that completion requirements in all curricula include competence in reading, writing, oral communications, fundamental mathematical skills, and the use of computers.
- GOAL IV: To evaluate continually the educational offerings of the college in terms of appropriateness, need, and quality.
- GOAL V: To encourage students to think logically and rationally, and to develop problem solving skills.
- GOAL VI: To furnish students in career programs with requisite skills and training for employment in their chosen or related fields.
- GOAL VII: To provide a qualified faculty who strive toward excellence in teaching.
- GOAL VIII: To provide a faculty and staff who are committed to the mission of Chowan College.
- GOAL IX: To encourage and support the faculty in their pursuit of professional development opportunities.
- GOAL X: To provide students with a strong program of academic advisement and support.
- GOAL XI: To enhance the students' total personal development through the provision of opportunities for spiritual and ethical growth.
- GOAL XII: To provide students with opportunities to develop socially and emotionally through counseling and personal attention.
- GOAL XIII: To provide a varied program of extra- and co-curricular activities for students and for the community at large.
- GOAL XIV: To provide a variety of educational support services to undergird the educational purposes of the college.
- GOAL XV: To promote throughout the campus an environment that is conducive to study and learning.
- GOAL XVI: To provide an atmosphere which promotes community service and involvement.

ACCREDITATION STATUS

Chowan College is accredited by the Commission on Colleges, Southern Association of Colleges and Schools (1866 Southern Lane, Decatur, GA 30033-4097: Telephone number 404-679-4501) to award the Bachelor's degree.

THE CAMPUS

CAMPUS

The college's campus consists of approximately 289 acres. The main campus is landscaped with ancient pines and majestic oaks. A circular drive (seven-tenths of a mile in length) provides easy access to the campus facilities and includes a beautifully landscaped oval lawn.

FACILITIES

Administrative, Support, and Academic Facilities

McDowell Columns Building, erected in 1851, is an imposing brick and concrete structure, with massive columns and broad veranda, characteristics of the old South. Most administrative offices are contained in this building.

Whitaker Library is a three-story structure of contemporary design. It was constructed in 1968. In addition to housing learning resources typically found in a college library, this facility houses a number of special collections, including the Baptist collection, the Instructional Materials Center, and items of historical interest to Chowan College and northeastern North Carolina.

Daniel Fine Arts Building, erected in 1968, contains space and equipment for music, drama, and dance, including practice rooms and choral rooms for various musical organizations active on campus.

Green Hall, erected in 1956, served as the science building until 1974, when science instruction was relocated. The facility was subsequently renovated and expanded and now contains classrooms, studios, and offices in support of the visual arts program. As a result of a bequest from former professor, Dr. David Henry Cooper, and in memory of his wife, Jo Piland Cooper, an alumna of the college, this facility was retrofitted in 1984-86.

Robert Marks Hall, erected in 1962-64, is a three story building which houses academic programs in business, English, foreign languages, religion and philosophy, and the social sciences. The building was provided primarily by gifts from the family of the late Robert Marks of Boykins, Virginia.

Carrie Savage Camp Hall, constructed in 1972-73, houses instruction in mathematics, biology, chemistry, physics, teacher education, and academic support. The building is named in memory of Carrie Savage Camp (Mrs. J. L. Camp, Sr.), class of 1881.

Penny Hall was erected in 1964, with funding provided primarily by the late Mrs. W. S. Penny of Raleigh. This facility currently provides office space for personnel in the area of Student Life.

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Jesse Helms Physical Education Center was constructed in 1978-80 and houses the Department of Health and Physical Education.

Fieldhouse, constructed in 1977, is adjacent to Garrison Stadium, and contains locker and shower facilities for home and visiting teams.

McSweeney Hall originally housed the printing program of the college and is named in honor of John McSweeney, who first chaired the department. When that department was moved to a new facility in 1983, the building was completely renovated. It currently houses the Texie Camp Marks Computer Center and provides classroom, laboratory, and office space for instruction in computer science/information systems.

Horner Graphic Communications Center, constructed in 1982-83, houses the Department of Printing Production and Imaging Technology. Individuals and organizations in the printing industry, particularly members of the North Carolina Press Association, made significant contributions to assist in the construction of this facility.

Thomas Cafeteria, constructed in 1959, provides the main dining area for students. It also houses the President's Dining Room, for special meetings and meals for students, faculty/staff, and other groups. This structure is named in memory of Dr. R. P Thomas, a long-time member of the Chowan College Board of Trustees.

Ella Cobb Camp President's Home is a two story house at the front entrance to the campus.

Lakeside Student Center was originally constructed in 1954 as a physical education center. It was renovated in 1981, and currently provides space for roller skating, the student post office, a laundry facility, lounge areas, TV room, game room, and SGA offices. A new student center is in the planning stage.

RESIDENCE HALLS

Belk Hall is a three story building erected in 1964 and houses 200 female students. It is named in honor of Mrs. Irvin Belk, Charlotte, North Carolina.

Jenkins Hall, erected in 1958, is a residence hall for female students. It is named in memory of Charles H. Jenkins and in honor of his mother, Mrs. Olivia Benthall Jenkins.

F. O. Mixon Hall is a two story residence hall for male students, erected in 1954, and provides accommodations for 100 students. It is named in memory of Dr. F. O. Mixon, a former president of Chowan College.

Simons Hall is a three story building, erected in 1960, which provides living accommodations for 118 male students. It is named in memory of W. L. (Roy) Simons.

Dunn Hall was constructed in 1963. This three story facility provides housing for 216 male students.

Parker Hall is a nine story residence hall, constructed in 1970. It provides accommodations for 280 male and female students.

ADMISSIONS POLICIES & PROCEDURES

PHILOSOPHY

Chowan College desires to enroll students who are qualified for admission, who are compatible with its stated purpose, and who will benefit from the academic and social experiences provided by the institution. In addition to being capable, students should have the level of maturity and self-discipline required to benefit from and succeed in the college experience.

BASIS OF SELECTION

All applicants are considered on the basis of their academic and individual qualifications and potential. As a matter of established policy, the college does not discriminate against any prospective student on the basis of nationality, race, religion, age, sex, handicap, or citizenship.

ADMISSION OF FIRST TIME STUDENTS

High school graduates seeking admission to Chowan College should request necessary forms and information from:

The Office of Admissions
P.O. Box 1848
Chowan College
Murfreesboro, North Carolina 27855-9902
919-398-6239 or 800-488-4101

The Admissions Office will ask that students (1) fill out an application form; (2) submit the application with a \$20.00 non-refundable fee; (3) arrange to have either SAT I or ACT scores sent to the college; and (4) have the high school send an official sealed transcript. The college strongly suggests that high school students submit as a minimum the following units:

English	4
Social Studies	2-3
Mathematics	2-3*
Laboratory Science.....	2**
Electives	7-9

**Algebra I, Algebra, II, and/or Geometry recommended*

***Biology, Chemistry, and/or Physics recommended*

To be accepted at Chowan, a student should have: a total score of 830 or above on the SAT or 17 on the ACT; a grade point average of 2.0 or above on academic courses; a class rank in the top 50%; a high school diploma, with passing scores on appropriate state competency tests. Chowan may accept SAT I scores from non-standard administration. NOTE: Students who are 25 years of age or older are not required to submit SAT/ACT scores, but they must submit official final high school transcripts, official transcripts from any other colleges attended, and/or GED certificates and scores.

COLLEGE TRANSFER ADMISSION PROGRAM

Students may be admitted to Chowan College on the basis of work completed at other regionally accredited colleges. Satisfactory enrollment and completion of course work at other institutions may be considered evidence of a student's ability to do college level work. Chowan encourages the application of these prospective students in the belief that its academic program can assist them in completing their baccalaureate programs. These students add diversity of experience and maturity to the student body.

Transfer students who have 12 or more transferable hours and a GPA of at least 2.0 should submit to the Office of Admissions (1) an application form and a \$20.00 non-refundable application fee; (2) a final high school transcript or GED certificate and scores, (3) an official, sealed transcript from each institution of higher education previously attended; and (4) a statement of academic standing from the last institution attended. Normally, a transfer student must be academically eligible for continued enrollment at the last institution attended. If a student presents less than 12 transferrable hours or has a GPA of less than 2.0, he/she must meet regular admissions standards. See the academic policy section of this catalog for further information on the transferability of credit.

A transfer student may be advised or required to take one or more placement tests. Further, the college reserves the right to require any student to retake or make up any work which is evaluated as not equivalent to work offered at Chowan, work which may have been failed, or work in which the student may be deficient.

CONDITIONAL ACCEPTANCE

The college may elect to offer conditional acceptance to students if circumstances suggest academic potential. These students must accept the following conditions:

1. That any required developmental work be taken during the first term at Chowan College in addition to any other courses taken, subject to financial aid restrictions.
2. That the student take courses prescribed by the college, to include COLL 101 or AS 005, in the first semester.

INTERNATIONAL STUDENTS

International students are required to submit an international application form along with a \$40 non-refundable application fee and to follow the regular admissions procedures, to take the Test of English as a Foreign Language (TOEFL), and provide a statement of financial resources to support educational costs. The I-20 is issued to a student after he/she has been accepted for admission and made the \$200 non-refundable advance payment. International students must submit the application fee and the advance payment in U.S. currency.

International students should make application and be accepted for admission at least six weeks in advance of the beginning of the semester in which they plan to enroll. Academic transcripts from secondary schools or any other college attended must be official and received in sealed envelopes. English proficiency

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must be substantiated by a minimum score of 450 on TOEFL or by a statement from an educational official validating proficiency in the spoken and written use of English.

Special orientation services are provided for international students. A fee of \$200 is assessed to offset the additional expenses.

SPECIAL STATUS OR PART-TIME STUDENTS

Chowan will admit students who do not wish to become regular, degree-seeking students but who desire to enroll in one or more courses for special or specific purposes. Special students need not follow the usual academic program; they may enroll in those courses which meet their special academic needs, subject to the availability of space. Special status or part-time students may take no more than 11 hours of classes and may not normally live in college housing. Application procedures are the same as for other students.

READMISSION PROCEDURES FOR FORMER STUDENTS

A former Chowan student who was in good standing at the time of withdrawal may gain readmission by contacting the Office of Admissions and filing an application. If a former student has taken work at another college after withdrawing from Chowan, the student must submit official transcripts from any colleges attended and a statement of good standing from the last institution attended.

Students who have been suspended for academic reasons may seek readmission after (1) removing academic deficiencies in a summer session at Chowan or (2) appealing for readmission after having been away from the college for at least one full semester. If a student is granted readmission under item (2), he/she must remove all deficiencies in the first semester after readmission. Students suspended for disciplinary reasons may seek readmission after the disciplinary period of suspension by contacting the Office of Admissions and filing an application. Such students may be readmitted only after the Admissions Officers have conferred with appropriate persons in the Student Life Office.

ADMISSION OF SENIOR CITIZENS AND ORDAINED MINISTERS

Persons 55 years of age or older and ordained ministers actively serving a church who meet the admission requirements of the college may take courses, up to nine semester hours, on a space available basis at the rate of \$100 per semester. Any special fees will apply. Applicants should follow the same admission procedures as do other students.

VETERANS

For information concerning educational benefits for veterans and their children, write to the Registrar of Chowan College or to the nearest regional or county office of the Veterans Administration

ADMISSION PROCEDURES FOR RISING HIGH SCHOOL SENIORS

During the summer between their junior and senior years, high school students in the upper one-third of their class may, with the recommendation of their principal or guidance counselor, enroll in the college's summer session. Such students, if they live in the area and get release time from their high schools, may take courses at the college during the regular term as special students. Such persons should follow the same admissions procedures as do other students.

ADVANCE TUITION DEPOSIT

Students who have been accepted for admission should send the college a \$200 advance payment which will be applied toward college expenses. The advance deposit reserves the financial aid offer, allows priority course selection through preregistration, and reserves housing. This deposit is not refundable and is due no later than May 6 for an upcoming term.

MEDICAL REPORT

N. C. State Law **REQUIRES** that all new undergraduate students entering college must have certain required immunizations. The medical form **MUST BE** completed by a licensed MD or a Nurse Practitioner. **PLEASE NOTE:** You must show proof of the immunizations and the physical exam as outlined above. These documents must be received by the Student Life Office in order for a student ID to be issued, and in order to be allowed to register for classes. International students must present the medical form and immunization record upon arrival on campus. Athletes will not be permitted to dress out and practice until the completed medical form and immunization record have been submitted to the Student Life Office. Students who arrive without prior completion of physical and immunization requirements cannot occupy campus housing or participate in any campus activity.

STUDENT LIFE

Chowan College is strongly committed to educating the total person—mind, body, and spirit. Student activities and residential living complement the student's classroom experiences and lead to one's personal growth and total development. Campus life enables each student to develop social and interpersonal skills, foster leadership skills, cultivate sound ethical and moral principles, deepen spiritual commitments, formulate a philosophy of life, and explore career opportunities.

The College encourages and supports student life through a variety of student services provided by trained professionals in the Department of Student Life. The department consists of the following areas: Student Activities, Housing, Campus Ministry, Wellness Center, Counseling, Career Development, Safety & Security, Intramurals, Residence Life, International Student Affairs, Commuter Student Affairs, Student Publications, Discipline, and Orientation.

Activities

Student activities are an integral part of life outside the classroom. A campus network consisting of the Director of Student Involvement, the SGA officers, Residence Hall Association, the various clubs and organizations, and residence hall programming all work closely together to provide a wide variety of exciting activities on a regular basis. The Student Activities Calendar is published each year along with weekly and monthly campus calendars. The Braves Den Student Center and the Helms Center Athletic Complex, are major "hubs" on campus for student activities.

Performance Groups - The college provides opportunities for students interested in music and theatre performance. Choral groups include the CHOWAN CHORUS and the CHOWAN CHORALE. Instrumental groups include the CONCERT BAND and the PEP/JAZZ BAND. Other music performing ensembles may be organized for special occasions. The CHOWAN PLAYERS present various dramatic productions during the school year.

Intramurals - The Assistant Director of Student Involvement coordinates an extensive program of competitive and recreational intramurals which enable students, faculty, and staff to (1) improve and maintain physical well-being; (2) socialize in a recreational atmosphere; (3) develop skills in a variety of sports; (4) learn and practice good sportsmanship; (5) relieve stress; and (6) simply have fun!

Intercollegiate - Chowan College is a provisional member of NCAA Division III. The College sponsors the following teams: men's baseball, men's basketball, women's basketball, football (men), men's golf, men's soccer, women's soccer, women's softball, men's tennis, women's tennis, and women's volleyball.

Career Development

Chowan College recognizes the importance of assisting students in their career decision making. Career information, counseling, and job search materials are available in the Career Resource Center. The Director of Career Development is available for personal consultation.

Car Registration

All students are permitted to have vehicles on campus. All motor vehicles operated on campus by Chowan students must be registered with the Safety & Security Department during the first week of each semester. Vehicles arriving after this time must be registered immediately. The cost of vehicle registration is \$30.00 per semester or \$50.00 per year and is non-refundable.

Community Service

To complement a well-rounded education, students are strongly encouraged to get involved in any of the numerous off-campus community service opportunities. Student involvement is welcomed by the local community. The Director of Campus Ministry coordinates these efforts.

Commuter Student Services

A variety of programs are planned throughout the year to meet the unique needs of those who commute to campus each day and to assist them in becoming a part of the total campus community. The campus dining service offers a special meal plan for commuting students. Commuting students are encouraged to become involved in all aspects of campus life.

Counseling

The Director of Counseling, the Wellness Center Nurse, the Campus Minister, and local pastors comprise a counseling network that is competent, caring, and confidential. An on-site student assistance counselor is available one day per week. Community referral services are available. Students are encouraged to visit the counseling offices or call for an appointment. Residence hall staff members are also trained as first-response counselors. The area Crisis Line number is 1-800-253-6387.

Food Services

The Cafeteria is located in the Thomas Cafeteria and is catered by Pioneer College Caterers, Inc. The Food Service Director and his staff work to provide wholesome menus. A food committee meets with the Food Service Director periodically to discuss ways and means of improving the food services. All resident students are required to participate in the Boarding Plan. Meal plan options are available. Students can choose the full meal plan which allows them up to 20 meals per week, or the partial meal plan consisting of 14 meals per week. During registration these meal plan options can also be purchased with a Snack Bar credit line.

The Snack Bar is located in the Braves Den Student Center and provides for a wide selection of foods and snacks. Big Al's New York Style Pizzeria, deli subs, snack foods, plus a full line of grilled to order items, are among the choices available.

Meal hours and guest rates can be noted at the entrance to the cafeteria.

Health Service

The Wellness Center is operated as a first aid and initial treatment outpatient facility. The College maintains a close relationship with Roanoke-Chowan Hospital located in Ahoskie, N.C. and emergency medical technicians are available at all hours. Students with serious illness or contagious disease are best served at home or in the hospital. No hospital or quarantine facilities are available on campus. The Wellness Center is staffed by a registered nurse. A physician's assistant is available to students on campus three times per week. The cost of any prescriptions or the cost of seeing a physician off campus is the responsibility of the student.

A MEDICAL EXAMINATION AND HEALTH REPORT IS REQUIRED OF ALL INCOMING STUDENTS. IMMUNIZATION RECORDS ARE REQUIRED BY NORTH CAROLINA STATE LAW AND MUST BE COMPLETED PRIOR TO ENTERING COLLEGE.

The College carries accident insurance on all students who are enrolled for at least nine (9) credit hours per semester. The College requires each full-time student to maintain a personal health policy. International students are required to purchase hospitalization insurance through the College Business Office before registering for classes.

International Student Services

An Area Coordinator in the Office of Residence Life has primary responsibility for assisting international students with adjustment to college life in the United States. He/She is available for personal counseling and assistance as needed. The College Registrar assists international students with information related to visas, passports, and the I-20 form. A special orientation session is held at the beginning of each semester for international students.

Orientation

An extensive program of orientation for new students and their families is held before classes begin in August. An abbreviated program is held for students entering in January. The orientation program is designed to inform students and to help them quickly feel "at home." Residence hall floor meetings are held to acclimate students to college the first weekend students arrive. Information sessions are held for parents/guardians that allow them to meet and interact with various college officials.

Organizations & Clubs

There are approximately forty (40) student organizations and clubs at Chowan College with either an academic, professional, honorary and/or person-

al interest basis. Student organizations provide opportunities for personal enrichment, professional development, leadership development, community service, and the chance to interact with others of similar interests.

Religious Life

In keeping with its Baptist heritage, the College promotes spiritual growth stimulated by faith development. Spiritual growth is as important to one's education as is emotional, physical, and intellectual development. All members of the college community are encouraged to nurture the spiritual dimension of their lives. People of all religions and spiritual orientations are invited to use Harden Chapel for meditation, reflection, prayer, worship, or quiet time of renewal and inspiration. Students are encouraged to participate in the life and worship of local churches.

The Director of Campus Ministry is available for personal consultation. Campus religious clubs/organizations provide numerous opportunities for growth and service.

Residence Life

Six residence halls are located on campus. All rooms are carpeted, air-conditioned, wired for cable TV connection [extra charge], telephone service [extra charge & must use Chowan-owned phones] and internet services [extra charge]. All rooms are furnished with beds and study areas. Linen service may be contracted with a local private vendor. Most rooms are designed for double-occupancy. A limited number of private rooms are available on a first-come first-serve basis for an additional charge.

College policy requires all full-time students (12 semester hours) to live in campus housing unless they meet one of the following conditions: (1) married; (2) live in the community with their parents or grandparents; (3) over 23 years of age; or (4) a veteran of the United States military.

Each residence hall is staffed by full-time professional Area Coordinators and student Resident Assistants. Room assignments are made through the Housing Office.

Safety & Security

The Office of Safety and Security is responsible for protecting life and property by enforcing state and college rules and regulations. The security staff consists of professionally-trained officers who patrol the campus on a 24-hour basis by means of foot, bicycle, and vehicle patrol. An escort service is available to and from any campus building upon request. The office sponsors special seminars on a regular basis dealing with such topics as crime prevention and fire safety. Campus security works closely with local and state law enforcement agencies. While the College takes all possible precautions to help residents protect their possessions, the College does not assume responsibility for items that are lost, stolen, or damaged. Students are advised to determine if their possessions are covered by their parents' home owner insurance or, if needed, invest in adequate

personal property insurance coverage.

Student Conduct & Expectations

The College is committed to Christian values that create an academic community that is orderly, caring, and just. At Chowan every person is considered to be a person of worth. Cultural backgrounds, attitudes, and opinions different from our own are welcomed and appreciated; however, any form of harassment, hazing, lewd, or indecent behavior will not be tolerated. The College takes a strong stance against drug abuse, possession of fire arms, and pyrotechnics. Drinking or possession of intoxicating beverages is not permitted on campus. The Honor Code, Campus Code, and rules and regulations are specifically stated in the current edition of the *Student Handbook*. Students are responsible for their own actions and behavior and are held accountable as such.

Student Government Association

All students are automatically members of the Student Government Association (SGA). The SGA provides students the opportunity to participate in the operation of the college, to gain experience in democratic procedures, and to become actively involved in the planning and execution of college-sponsored activities.

FINANCIAL INFORMATION

STUDENT FEE SCHEDULE FOR 1997-98

	Per semester	Per Year
Tuition	\$5,355	\$10,710
Board: 14 meal plan (required)	1,110	2,220
20 meal plan (optional)	1,235	2,470
*Optional Snack Bar Declining Balance Plan		
14 Meal plan with \$50 credit	1,155	2,310
20 Meal plan with \$50 credit	1,280	2,560
Room: Double occupancy	850	1,700
Private room (optional)	1,200	2,400
Student Activity Fee	25	50

Summer School fees are published in a separate brochure each March. Brochures are available at the Admissions or Registrar's offices.

*The Snack Bar declining balance provides an initial credit of \$50.00 for use in the snack bar (including pizza delivery). Additional credits may be purchased in the snack bar. Credits cannot be redeemed for cash, and any unused credit at the end of any semester will be forfeited.

NOTE: The College reserves the right to change these rates upon 30 day notice to students. By order of the Board of Trustees all boarding students must participate in one of the meal plans provided by the College.

Tuition for full time students includes a portion to provide various extracurricular events under the administration of the Division of Student Development. Events include athletic, intramural, music, religious, and other activities. Part-time students (taking less than 12 semester hours or equivalent non-credit hours) will pay on the basis of semester hours or equivalent hours as shown below. Such students may not normally live in residence halls. In unusual cases where the Vice President for Student Development allows such a student to live in a residence hall, the student must pay the same tuition and fees as a boarding student.

HOURS	TUITION PER HOUR
1-3	\$160
4-7	240
8-11	480

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Persons 55 years of age or older and ordained ministers actively serving a church who meet the admission requirements of the college may take courses, up to nine semester hours, at the rate of \$110 per semester, on a space available basis. Any special fees will apply.

Legal residents of the State of North Carolina will receive Legislative Tuition Grants (NCLTG) which will help to offset the scheduled fees. The amount to be awarded to each North Carolina student is determined annually by the State Legislature.

To qualify as a North Carolina resident, the applicant and/or parent must have permanent residence in the State for at least one year immediately preceding the beginning of the semester. Active duty military members stationed in North Carolina are considered North Carolina residents.

OTHER EXPENSES

1. A Key Deposit of \$20.00 is an annual charge, for residential students, which is refundable upon return of the original room key (where applicable). **It is paid during registration** at the first semester of resident enrollment each school year.
2. An Audit Fee of \$30.00 per hour is charged students who, with the permission of the Vice President for Academic Affairs, attend a class, but do not take it for credit.
3. A course overload fee of \$155.00 per hour is assessed students taking more than 24 semester hours or equivalent hours. A student must receive permission from the Vice President for Academic Affairs to take more than 18 hours.
4. A Music Fee of \$110.00 per semester is charged music majors for study in their major and minor applied music areas and for using practice rooms. Non-music majors are charged \$55.00 per semester per course for private instruction in an applied music area.
5. A late processing fee of \$50.00 is assessed students who do not register prior to the first day of classes in any semester, and those students who have not completed financial, medical record or immunization requirements by required deadlines.
6. A Graduation Fee of \$50.00 is charged for cap, gown, and diploma. Graduation in absentia costs an additional \$15.00.

Optional Fee(s) (paid during registration each semester.)

7. Vehicle registration with the Office of Safety and Security is required for all motorized vehicles, at \$30.00 per semester or \$50.00 per year. Bicycle registration is free.
8. Linen service is optional and may be obtained for a non-refundable charge of approximately \$65.00 per year, or \$40.00 per semester.
9. Refrigerator rental is available for \$55.00 per school year. (\$10.00 refundable deposit is required).

10. Telephone service including voice mail is available in every dormitory room. An initial fee of \$100 is required for installation of which \$50.00 is refundable with the phones return in good condition. Telephones provided by the college must be used. Phone charges are billed to one person per room. Roommates should coordinate telephone billing prior to registration. Phone service costs \$12.00 per month per person plus long distance charges.
11. Cable television service is available in every dormitory room. Service is provided through the local cable company. A connection charge and monthly service charge are paid to the cable provider. Service is arranged during registration in the fall semester.
12. There are miscellaneous expenses not listed here. Books and supplies, for instance, will cost about \$500.00 per year.
13. A fee of \$10.00 will be assessed for any returned check at any time.

NOTES:

1. *No credit for academic work is given for a diploma or for transfer purposes until all financial obligations to the College have been paid or adequately secured. In such cases, a student's transcript is placed on a non-release basis. Grade reports may also be withheld.*
2. *Although students may leave personal possessions in their rooms during breaks in the regular academic year, they are not permitted to do so during the summer months. The college reserves the right to dispose of any and all belongings left in the residence halls after the closing of school in May.*
3. *Chowan College does not carry insurance on students' personal belongings and is not responsible for loss or damage from any cause. Students are advised to check their family's home owners insurance to see if it covers belongings at college. If not, students may wish to obtain personal coverage.*

PAYMENT OF COLLEGE COST

Tuition, fees, and other costs for the semester must be paid prior to registration in accordance with the schedule below. When a student is receiving financial aid, the balance due the college must be paid or arranged for prior to registration.

Advance Payments - A \$200 payment is paid by new students within two weeks after they are accepted and decide to enroll. Continuing students pay a \$100 payment prior to preregistration each spring. These payments are applied to tuition and fees. Housing and class assignments will not be made until this payment is made.

Payment Schedule - Statements for a remaining balance, after financial aid has been awarded, will be sent for the fall semester on June 15; for the spring semester November 15. Payment in full will be due each semester on August 1 for the fall semester and December 15 for the spring semester. Master Card and Visa credit cards are acceptable.

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Monthly Payment Plan - The college offers two no-interest deferred payment plans for amounts in excess of \$500 per year. There is a non-refundable application fee of \$50. Information on payment plans is mailed to all students in June each year. Information may also be obtained by contacting the Business Office at 919-398-1228. Payments on these plans are made according to the following schedule:

10 payment plan - monthly on the 15th beginning July 15

8 payment plan - monthly on the 1st beginning August 1.

Students who do not make the required payments promptly will be denied registration or suspended from school.

REFUND POLICY

Unless required by federal regulations, no student suspended, expelled, or otherwise dismissed from Chowan College for cause shall be eligible for any refund of deposits, fees, room and/or board.

Federal regulations (Section 688.22 [a][1]) states “an institution shall have a fair and equitable refund policy under which the institution makes a refund of unearned tuition, fees, room and board, and other charges to a student who received Title IV, HEA program assistance, or whose parents received a Federal PLUS loan on behalf of the student ...” The regulations further state (Section 688.22[b][1][iii]) that “for any student attending the institution for the first time whose withdrawal date is on or before the 60 percent point of enrollment for which the student has been charged” there shall be a pro-rata refund. The pro-rata refund amount is determined by (1) dividing the remaining weeks in the period for which the student is charged by the number of weeks in the enrollment period and rounding the percentage downward to the nearest 10%; (2) subtracting any unpaid tuition, fees, room and/or board from the charges and an administrative fee of the lesser of 5% of the charges or \$100; and (3) multiplying the amount in (2) by the amount in (1).

In addition to the required refund, Chowan College makes a pro-rated refund of room and board until the examination reading day. Students who withdraw because of medical problems and present a note from a doctor within twenty days of their last day of class attendance shall have a pro-rated refund of tuition at the same percentage as the room and board refund.

Students not covered by the pro-rata regulations are under the “Federal Refund” regulations. Tuition is refunded in this manner:

- 1) withdrawals during the first 10% of the period shall receive a 90% refund less an administrative fee of the lesser of 5% of the charges or \$100.
- 2) between the 10% period and the 50% period, the refund percent shall drop 10% per week less an administrative expense of the lesser of 5% of the charges or \$100. Exceptions: a) If this causes the refund percent for the period of time between 10% and 25% to be less than 50%, the refund will be 50%. b) If this causes the refund percent for the period of time between 25% and 50% to be less than 25%, the refund shall be 25%.

(Steps 1 and 2 are in accordance with Appendix A [VIII] to Part 668.)

- 3) Students who withdraw because of medical problems and present a note from a doctor within twenty days of their last day of class attendance shall have a pro-rated refund of tuition at the same percentage

as the room and board refund. An administrative fee of the lesser of 5% or the charges or \$100 will be deducted.

The refund for room and board for students covered by the “Federal Refund” regulation shall be pro-rated until the reading day for examinations. (Unpaid charges may not be deducted for students who are under the “Federal Refund” regulation.) An administrative fee of the lesser of 5% of the charges or \$100 will be deducted.

Distribution of refunds to Title IV programs shall be in accordance to the schedule in section 668.22(g).

If there is any refund amount left after the refunds to Title IV programs, refunds shall be made to state programs. The amount of the refund shall be the lesser of the remaining amount or the percent of the tuition being refunded times the amount of state funds received. Exception: Before any refunds to state programs are processed for students under the “Federal Refund” requirement, any unpaid charges shall be deducted.

If there is any refund amount left after the refunds to the state programs, refunds shall be made to institutional programs. The amount of the refund shall be the lesser of the remaining amount or the amount of institutional funds received. Exception: Before any refunds to institutional programs are processed for students under the “Federal Refund” requirement, any unpaid charges shall be deducted.

If any refund amounts are remaining after the refund to institutional programs, they shall be refunded to outside donors. The amount shall be the lesser of the remaining refund amount or the amount received from outside donors. Exception: Before any refunds are processed for students under the “Federal Refund” regulation, any unpaid charges shall be deducted.

Any remaining refund amount shall be refunded to the student. Exception: Before any refunds are processed for students under the “Federal Refund” regulation, any unpaid charges shall be deducted.

This policy is, to the best of our knowledge, in accordance with 34 CFR 668.22 and Appendix A to part 668.

Financial Aid Exceeding Amount Owed

If the combination of financial aid received and payments made exceed the balance owed the college, a refund will be made in accordance with applicable federal regulations. If a written request is received, amounts will be credited to future tuition and fees.

Withdrawal

If, as required, the enrollment period’s expenses have been paid by the time of registration, a student who withdraws from the college is entitled to a pro-rated refund in accordance with the above procedures. Students who are dismissed will have pro-rated refunds in accordance with the above procedures made to Title IV programs. Students removed from campus residence halls because of social infractions will forfeit all room charges for the balance of the semester.

Except where noted otherwise, refunds will be made within 30 days of official withdrawal, unless additional financial resources are anticipated or addi-

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tional documentation is required to complete the withdrawal process. Refunds will not be provided to dependent students without the express written request of the parent or legal guardian. All undeliverable refunds and unclaimed credit balances on account will revert to the state of North Carolina after reasonable efforts are made to contact the student and parents and after 12 months of no activity on the account.

STUDENT CLASSIFICATION

A commuting student is considered to be one

- who is obviously a resident of Murfreesboro
- whose permanent residence is in such proximity to Murfreesboro that he/she can commute to and from the college each day, or
- who is married and has established a residence for his/her family in the Murfreesboro area.

Other students, unless at least 23 years of age or a veteran of the U. S. military, are normally required to be boarding students. Boarding students must live in college housing and purchase a college meal plan. Board and room fees do not include holiday periods.

FINANCIAL AID

The purpose of the financial aid program at Chowan College is to help students who can not afford to go to college finance their education through a variety of scholarships, grants, loans, and/or part time employment. Applications for financial aid are evaluated without regard to race, creed, color, national origin, or sex.

In order to receive financial aid, a student needs to have been admitted to the College and, after enrollment, must make satisfactory academic progress as indicated below. Since financial aid is not automatically renewed, a student must apply each year.

Some restrictions apply: Recipients of college funded scholarships and/or grants are not allowed to receive total scholarships and grants from all sources in excess of their college charges plus an allowance for books and supplies. College funded scholarships and grants are not available for summer school.

HOW TO APPLY FOR FINANCIAL AID

Complete and file a Free Application for Federal Student Aid (FAFSA). The FAFSA is available in high school counselor's office. This information is used to determine how much the student and parent(s) can afford for educational expenses. Transfer students must have Financial Aid Transcripts from each college attended sent to Chowan. Priority is given to applications filed before April 1.

APPEALS

Financial aid is awarded based on the student's financial need and funds available. If a student feels that the amount awarded is not enough for him/her to attend Chowan College, he/she may appeal for additional assistance. The appeal must be in writing and must explain why more assistance is needed, with the amount needed specified.

GRANTS

FEDERAL PELL GRANTS

Federal Pell Grants are federal grants available to U.S. Citizens enrolled in college. Awards range from \$400 to \$2,700 per year. After filing the FAFSA, applicants receive a Student Aid Report.

FEDERAL SUPPLEMENTAL EDUCATIONAL OPPORTUNITY GRANTS

Federal Supplemental Educational Opportunity Grants (FSEOG) are federal grants ranging from \$100 to \$4,000 per year. These go to students who are U. S. Citizens who receive Pell Grants and have exceptional financial need.

NORTH CAROLINA CONTRACTUAL GRANTS

North Carolina Contractual Grants are awarded to residents of North Carolina who have financial need. Funding is based each year on appropriations by the North Carolina Legislature.

NORTH CAROLINA LEGISLATIVE TUITION GRANTS

North Carolina Legislative Tuition Grants (NCLTG) are given to every North Carolina student enrolled in at least twelve hours of college work. Funding is based each year on appropriations by the North Carolina Legislature.

NORTH CAROLINA STUDENT INCENTIVE GRANTS

North Carolina Student Incentive Grants (NCSIG) are funds appropriated by the State Legislature to match federal funds in order to assist students with financial need.

BAPTIST STATE CONVENTION OF NORTH CAROLINA GRANT

These grants, which range from \$500 to \$1,500 per year, are awarded to students who are members of churches affiliated with the Baptist State Convention of North Carolina. The grants are renewed for up to three years if the recipient maintains a 2.00 quality point average, does not have a negative social record, and participates in religious activities.

CHILDREN AND SPOUSES OF ORDAINED MINISTERS GRANT

Dependent children and spouses of ordained ministers related to the Southern Baptist Convention may receive \$250 per semester for a maximum of eight (8) semesters. Students receiving this grant will not be eligible for a Chowan College Incentive Grant or Chowan College Merit Scholarship.

DEPENDENTS OF CHOWAN COLLEGE FACULTY/STAFF GRANT

Unmarried dependent children under twenty-five years of age and spouses of members of the Chowan College faculty and staff shall pay \$25 per semester, file a need analysis form, and apply for any grants for which they may be eligible. These grants will be applied to their accounts. This fringe benefit is

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limited to eight (8) semesters per student, and is based on commuting student fees. Dependents who have a B.A. degree are not eligible to receive the grant. Dependents of employees who die while in the employment of the college will be eligible for this program.

DEPENDENTS OF FULL-TIME EMPLOYEES OF THE BAPTIST STATE CONVENTION OF NORTH CAROLINA OR INSTITUTIONS AND AGENCIES AFFILIATED WITH ONE OF THE STATE CONVENTIONS OF THE SOUTHERN BAPTIST CONVENTION GRANT

These students may receive upon proper certification, \$250 per semester for a maximum of eight (8) semesters if a 2.0 quality point ratio is maintained and the student is full time. Students receiving this grant will not be eligible for a Chowan College Incentive Grant or Chowan College Merit Scholarship.

EMPLOYEE OF CHOWAN COLLEGE GRANT

Any employee who meets admission requirements may audit or take for credit any course offering that does not conflict with his/her work schedule and does not deprive a tuition-paying student of a place in the class. Enrollment during summer/winter sessions is contingent upon a sufficient number of tuition-paying students to ensure the faculty member will receive full salary.

MINISTERIAL STUDENTS GRANT

Ministerial students who are related to the Southern Baptist Convention and supply the college with certification by their local churches may receive grants equal to fifty percent of tuition for eight (8) semesters, if they maintain a 2.0 quality point ratio, carry a full course load, participate in programs and projects of the Campus Ministerial Alliance and/or Baptist Student Union, and show evidence of good citizenship as a member of the campus community. Students receiving this grant will not be eligible for a Chowan College Incentive Grant or Chowan College Merit Scholarship.

ORDAINED MINISTERS GRANT

Ordained ministers currently serving pastorates shall receive tuition and fees except for \$100.00 per semester, medical insurance coverage and extra fees such as music. This is on the condition that they complete financial aid papers as deemed necessary by the Director of Financial Aid. This grant is limited to a maximum of nine (9) hours per semester.

OTHER CHURCH RELATED VOCATIONS GRANT

Students who are pursuing a church related vocation and who are members of the Southern Baptist churches may receive grants equal to twenty-five percent of tuition for eight (8) semesters, if they maintain a 2.0 quality point ratio and are registered full time. Students receiving this grant will not be eligible for a Chowan College Incentive Grant or Chowan College Merit Scholarship.

SENIOR CITIZEN'S GRANT

Persons 55 years of age or older who meet the admission requirements of the college pay \$100.00 per semester plus special fees, on a space available basis. The grant will cover the remainder of the tuition. This grant is limited to a maximum of nine (9) hours per semester.

SERVICE AIDE (BAPTIST YOUNG MEN) GRANT

Grants are awarded according to the student's level of achievement. The grants range from \$300 to \$500 per year and are in addition to any other college funded grant/scholarship the student receives. The grant is renewable for three years if the student maintains an overall 2.0 quality point ratio.

STUDIACT (ACTEEN) GRANT

Grants are awarded according to the student's level of achievement. The grants range from \$300 to \$550 per year and are in addition to any other college funded grant/scholarship the student receives. The grant is renewable for three years if the student maintains an overall 2.0 quality point ratio.

LOAN FUNDS

Federal Perkins Loan is a loan ranging up to \$3,000 per year, total eligibility is \$15,000. Recipients must have exceptional need. Repayment is deferred until nine months after the borrower ceases to be at least a half-time student. Interest at 5% begins nine months after the borrower ceases to be at least a half-time student.

Federal Stafford Loan Program allows freshmen students with demonstrated need to borrow up to \$2,625. Sophomores with demonstrated need may borrow up to \$3,500. Juniors and seniors with demonstrated need may borrow up to \$5,500. The total amount that a student can receive as an undergraduate is \$23,000. There is a combined origination fee and insurance fee of 4%. Interest rate is variable, capped at 8.25%, beginning six months after the borrower ceases to be at least a half-time student. Repayment begins six months after the borrower ceases to be at least a half-time student. These loans are made by banks, credit unions, and savings and loans associations. In North Carolina, most loans are made through College Foundation, Inc., an agency insured by the State Education Assistance Authority.

Federal Unsubsidized Stafford Loan Program - Same as Federal Stafford Loan except it is not based on financial need (FAFSA must be filed) and interest accrues while the student is in college.

North Carolina Scholarship/Loan for Prospective Teachers is available to residents of the State who plan to teach. Each year for five years after graduation, part of the loan is forgiven if the student teaches in North Carolina. Apply to the Department of Public Instruction, Board of Higher Education, Raleigh, North Carolina. There is a deadline of March 1.

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Parents Loans for Undergraduate Students are available to parents at a variable interest rate based on the yearly average of T-Bill interest plus 3.1% with a ceiling of 9%. Parents may borrow educational costs minus other financial assistance the student receives. Interest begins with the loan's disbursement, and payments begin thirty days after disbursement.

The Education Resources Institute Supplemental Loan Program allows parents or students, with their parents' co-signature, to borrow up to \$10,300 per year. Variable interest is prime plus. Payments begin 45 days after the funds are received, but may be deferred while the student is enrolled full-time.

The Pickett and Hatcher Educational Fund, Inc. is a non-profit, non-commercial educational trust fund created to assist full-time undergraduate students in fields of study other than law, medicine, or the ministry. Low interest loans with deferred payments are made to qualified residents of Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee, or Virginia. The deadline for applications is June 15. Write to Pickett and Hatcher Educational Fund, Inc., P. O. Box 8169, Columbus, Georgia 31908.

OTHER GRANTS AND SCHOLARSHIPS

All applicants for admission with SAT scores of at least 830 and grade point averages of at least 2.00 are offered an incentive grant or merit scholarship. The amount of the awards is based upon the combined SAT score and grade point average. Incentive grants are renewed annually if the recipient maintains at least a 2.00 quality point average. Merit scholarships are renewed annually if the recipient maintains at least a 3.00 quality point average. The number of years the award is renewed is based upon the recipients grade level when he/she first enrolls at Chowan College.

ACADEMIC STANDARDS FOR FINANCIAL AID

A full-time student will be academically eligible to receive financial assistance through the federal Title IV programs (PELL, SEOG, PERKINS, CWSP, SSIG, STAFFORD, and PLUS) and the North Carolina Contractual Grant Program if he or she meets the standards given below.

At the completion of	1st sem.	2nd sem.	3rd sem.	4th sem.	5th sem.	6th sem.	7th sem.	8th sem.	9th sem.
A student must have earned at least this many semester hours	9	21	33	45	60	72	84	96	108+
With at least this cumulative QPA	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0

A student who enrolls part-time must meet the following standards:

After attempting this number of hours	15	30	45	60	75	90	105	120	135
A student must have earned at least this many semester hours	12	24	36	48	60	72	84	96	108+
With at least this cumulative QPA	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0

Any student who fails to meet these standards will be placed on academic probation for one semester. If after a semester of probation the standards are not met, the student will not be allowed to receive financial aid until the deficiency is removed.

Academic courses taken at other institutions after matriculation at Chowan will be treated the same as work taken at Chowan.

Students under academic suspension are not eligible to receive financial aid.

A student who does not meet the above standards for renewal of his or her financial aid and who attends Chowan without financial aid may request that his academic record be reviewed at the end of each enrollment period (semester or summer session).

Repeat courses in excess of the six allowed by the college policy count as hours attempted.

Courses with grades of "WF", "WP", "W", and "I" will not count as hours attempted.

Each academic support course (AS 001, 002, 003) will count as three hours attempted. A grade of "S" will count as 6 quality points. A grade of "U" will count as "0" quality points. Exception: A course in which a grade of I is received will not count as hours attempted.

Transfer students will be treated the same as other students.

A student will not be awarded financial aid for more than 180 attempted hours. Transfer students will be allowed to receive financial aid until the hours accepted in transfer plus the hours attempted at Chowan equals 180 hours.

THE ACADEMIC PROGRAM

Chowan College offers the bachelor's degree in the following areas: Art - Graphic Design; Art - Studio; Biology (students may elect an emphasis in Environmental Biology or one more directed towards Allied Health); Business Administration (students may elect an emphasis in Accounting, Information Systems, Marketing, or Small Business Management); Criminal Justice; English; Elementary Education; Graphic Communications; History; Liberal Studies; Mathematics; Music; Physical Education (students may elect an emphasis in Teacher Licensure, Athletic Training, Sport Management, or Sport Science); Psychology; Religion; and Science. In addition, the college awards the Bachelor of Applied Science degree. Descriptions and requirements of these programs are set forth in the Bachelor Degree Curricula chapter of this catalog.

The college offers the associate degree in the following areas: Liberal Arts; Music; Music Business; Printing Production and Imaging Technology. Information concerning these programs is contained in the Associate Degree Curricula chapter of this catalog.

REQUIREMENTS FOR GRADUATION

BACCALAUREATE DEGREE

To receive the bachelor's degree from Chowan College, a student must meet the following minimum requirements:

1. Earn credit in a minimum of 120 semester hours of college-level work, exclusive of physical education activity courses, and complete all requirements specified for a particular major. (Note: Some programs may require significantly more than 120 credit hours.) By the end of the first semester of the junior year, a student must have declared a major and been accepted into that program by the department offering the major.
2. Earn a minimum quality point average of 2.000 on all college work attempted. In addition, a minimum 2.000 cumulative quality point average is required on all courses in the major field of study. (Some programs require a 2.5 average.)
3. Complete at least one-half of the semester hours required for graduation at an accredited four-year institution. Further, a student must complete at least the last 25% of the credit hours required for graduation through instruction offered by Chowan College, with at least 12 of these hours (exclusive of practicums, practice teaching, internships, etc.) being coursework in the major field.
4. Discharge all financial obligations to the College.
5. Have the recommendation of the faculty and approval by the Board of Trustees.

ASSOCIATE DEGREE

For the associate degree, a student must fulfill the following requirements:

1. Earn credit in a minimum of 60 semester hours of college-level work, exclusive of Physical Education activity courses, and complete all requirements specified in a chosen curriculum.
2. Earn a minimum quality point average of 2.00 on all college work attempted. (After four semesters at Chowan, a student who has at least a 1.90 on all work attempted at Chowan may petition for permission to take work at another institution for the purpose of attempting to raise the QPA to a 2.00 average in order to graduate. A student may transfer no more than 9 hours back to Chowan for this purpose.)
3. If a transfer student, complete at least twenty-five percent of college work, with a quality point ratio of 2.0 or better, at Chowan College.
4. Discharge all financial obligations to the College.
5. Have the recommendation of the faculty and approval by the Board of Trustees.

OTHER GENERAL REQUIREMENTS

A student must choose to meet the requirements of the catalog under which he or she entered or the current catalog, but may not use both interchangeably. The candidate must indicate on the application for graduation the catalog under which he or she intends to graduate.

All degree candidates, including transfer students, are allowed 6 years from the date of enrollment at the college to satisfy the curriculum requirements in effect at the time of enrollment. After 6 years, the current requirements must be met. Any substitutions or changes in course requirements must be recommended by the department head and approved by the Vice President for Academic Affairs.

As a requirement for graduation (either bachelor's degree or associate degree), students must possess competence in reading, writing, oral communication, fundamental mathematical skills, and the use of computers. If at any point a student's work demonstrates a lack of competence in any of these areas, he/she may be required to pursue prescribed remediation. In such cases, satisfactory remediation is required prior to graduation.

Note: While an academic advisor is assigned to all students to help them plan their programs of study and to provide academic counseling, each student is ultimately responsible for meeting requirements for graduation.

GENERAL EDUCATION REQUIREMENTS

The general education requirements (core curriculum) is designed to provide a student with a frame of reference for formal studies, to assist in the integration of course work, and to enhance the qualities of judgment and freedom of mind

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that distinguish a liberally educated person. As a central part of its general education program, Chowan College is strongly committed to the development of analytical and writing skills. The faculty and administration believe that the following requirements form a core around which to build a sound program of study. The required core courses for the *baccalaureate degree* are as follow:

- College 101 (2 semester hours—Course may be optional at discretion of college, but strongly suggested.)
- English 101 and 102 (6 semester hours)
- Religion 111 and 112 or 111 or 112 and one other Religion course (6 semester hours)
- Physical Education activity courses (2 semester hours)
- History 101 and 102 or 201 and 202 (6 semester hours)
- Social Science elective (3 semester hours). Choose from the following:
Economics 251, Economics 252, Psychology 210, Psychology 260, Sociology 207, Sociology 205, Geography 151
- Science with laboratory (8 semester hours). Choose from the following:
Biology 101, Biology 102, Chemistry 101, Chemistry 102, Physics 101, Physics 102, Physics 203, Physics 204, Physics 210, Earth Science 211
- Fine Arts (3 semester hours). Choose from the following:
Art 161, Drama 161, Music 161
- Speech 210 or 211 (3 semester hours)
- Computers (2 or 3 semester hours)
- Humanities (6 semester hours). One course must be a Survey of Literature, chosen from the following: English 201, 202, 203, 204, 205, 206. Other courses must be chosen from the following fields: Literature, Philosophy, Fine Arts
- Mathematics (3 semester hours)
- Health 201 (3 semester hours)

The required core courses for the associate degree are as follow:

- College 101 (2 semester hours—Course may be optional at discretion of the college, but strongly suggested.)
- English 101-102 (6 semester hours)
- Religion 111-112 (6 semester hours)
- Speech 210 or 211 (3 semester hours)
- Computers (2 or 3 semester hours)
- Mathematics (3 semester hours)
- Social or behavioral Sciences (3 semester hours)
- Physical Education activity courses (2 semester hours)

Note: A maximum of four activity courses may be applied to either the baccalaureate or associate degree.

WRITING INTENSIVE COURSE REQUIREMENTS

Since the college believes that analytical and writing skills should be developed and demonstrated throughout a student's college experience, it requires that all students successfully complete a minimum of two upper level writing intensive courses, one of which must be in the major area. Preferably, one writing intensive course will be taken in the junior year and one in the senior year. Completion of prescribed writing intensive classes is regarded as one of the core requirements of the college.

ETHICS PROGRAM AND THE CHOWAN CENTER FOR ETHICS

All academic programs at Chowan College integrate effective career preparation with a strong liberal arts education. To that end, Chowan College is in the process of developing an Ethics Across the Curriculum program. The college will seek to provide greater opportunities for students to participate in discussions and activities that promote ethical inquiry, character formation, and ethical actions in their professional and personal lives. Our primary objectives are for students to develop as ethical agents, to make informed moral decisions, and to act responsibly and ethically. Thus, personally and professionally, we are concerned both with the quantity of students' knowledge and with the quality and character of their thinking and acting.

To facilitate these efforts, the college will also establish the Chowan College Center for Ethics. The Center for Ethics will sponsor conferences, lectures, seminars, and other resources to inform and assist members of the community -- including clergy and other professionals -- concerning current ethical issues and concerns. Through its programs, research, and activities, the Chowan College Center for Ethics will seek to heighten ethical awareness, encourage the systematic evaluation of ethical issues, and promote the discussion of contemporary ethical issues among the members of the campus community, regional professionals and clergy, and the general public.

MAJOR AND MINORS

For baccalaureate level programs, a major shall consist of no less than 30 semester hours beyond the freshman level in a specific field. For graduation purposes, a student must have a minimum average of 2.00 in major courses. As an exception, students in Education, Mathematics and Printing Production and Imaging Technology must have a 2.50 average.

A minor is not required for graduation, but the college does provide a number of minors for students who may desire such. A minor shall consist of no less than 18 semester hours and no more than 24 semester hours in a specific field. Students who are enrolled in associate degree programs do not have majors or minors.

TRANSFER CREDITS

Generally, courses taken at an accredited college or university that are equivalent to courses offered at Chowan are accepted in transfer. Normally the College will accept only work on which the student has earned a grade of C or better; however, D's may be accepted if the student has an average of C or better on all work attempted at the sending institution.

As a general policy, Chowan College does not accept in transfer courses offered by two-year colleges as equivalent to courses which it offers at the 300 or 400 level, though such work may be accepted for elective credit. Any exception to this policy must be thoroughly justified, and must be approved by the chairperson in whose department the course is offered and the Vice President for Academic Affairs.

Transfer students who graduate with either the bachelor's degree or the associate degree, must complete as a minimum twenty-five percent of the hours required for graduation at Chowan College, and must earn at least a 2.00 average on all work taken at Chowan. The college reserves the right to require transfer students to take one or more placement tests to confirm acceptable proficiency in writing, reading, mathematics, and/or computer use. Remediation may be required if testing indicates a need for such.

Toward a student's last semester's work before graduation, the college will accept in transfer a maximum of 9 hours in the student's curriculum.

A student's average is based on work attempted at Chowan College.

CREDIT FOR CORRESPONDENCE COURSES

The college will accept toward the baccalaureate degree a maximum of 12 semester hours in correspondence courses from accredited institutions. The college will accept toward the associate degree a maximum of 6 semester hours in correspondence courses from accredited institutions.

CEEB ADVANCE PLACEMENT PROGRAM

High school students enrolled in Advance Placement (AP) courses may receive college credit by taking AP examinations upon completion of the courses and forwarding the results to the Office of Admissions for evaluation. In general, Chowan College awards credit for courses on which the student earns a score of three or better on the appropriate test.

Credit awarded by AP will be reflected on the student's transcript in terms of semester hours only. No letter grade will be recorded and no quality points assigned. A student's quality point average will be determined by grades earned in regular college courses.

COLLEGE LEVEL EXAMINATION PROGRAM (CLEP)

Chowan College participates in the College Level Examination Program of the College Entrance Examination Board. Credits are granted on the basis of scores on General Examinations or Subject Examinations where the student

scores at or above the level most recently recommended by the CEEB. For information on specific CLEP credits acceptable at Chowan College, contact the Registrar of the College.

Credits by CLEP will be recorded on a transcript after the student has enrolled at the College and earned at least 18 semester hours.

A student will not receive credit for a Subject or General Examination if it duplicates in part or total any college level course for which the student has received credit. The CLEP credit will be entered on the student's transcript as semester hours completed, but no letter grade or quality points will be indicated. A student's average is determined by grades in regular college courses.

COURSE WAIVERS

In exceptional circumstances, students of proven ability who have independently pursued a systematic course of study may apply to have a course requirement waived. Where no credit is to be given, the chairperson of the department involved has the authority to grant such waiver. Where credit is sought, the student may attempt, upon recommendation of the department concerned and the Vice President for Academic Affairs, an examination to establish credit.

The following policies apply:

1. Departmental examinations for credit may be given only on those courses which have been designated by the department.
2. The student must consult in advance with his or her advisor and with the head of the department concerned.
3. Application must be made, and a letter of permission from the department head supplied to the Vice President for Academic Affairs.
4. If the application is approved, a non-refundable fee of \$25 for the examination will be charged.
5. No more than 8 semester hours may be earned toward fulfillment of graduation requirements by this method.
6. Credit and quality points will be granted only if the level of performance is C or better.
7. Examinations for credit must be taken before the beginning of the last semester or before a summer session of work immediately preceding completion of requirements for graduation.

SYSTEM OF GRADES

- A -Excellent
- B -Above Average
- C -Average
- D -Below Average
- F -Failing
- S -Satisfactory
- U -Unsatisfactory
- W -Medical Withdrawal
- WP -Withdrawal when making passing grades

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WF -Withdrawal when making failing grades

NG -No Grade Reported

I -Incomplete (The course must be completed by the end of the next semester.)

The grade of I is recorded only in the case of illness or emergency which results in the student's not being able to complete work in a course. If the work is not completed before the end of the next semester, a grade of F is recorded for the course. As an exception, an I may be recorded in a developmental course if the student is progressing but has not achieved the required proficiency to exit the course.

The grades of S and U are given only in non-credit courses.

ALL GRADES ARE FINAL AFTER THREE MONTHS.

QUALITY POINT SYSTEM

For the purpose of determining quality point ratio, each grade, A through F, is given a numerical value:

A: 4 quality points per semester hour

B: 3 quality points per semester hour

C: 2 quality points per semester hour

D: 1 quality point per semester hour

F: 0 quality point per semester hour

A student's average is based on work attempted at Chowan College.

STUDENT LOAD

The normal academic load for a regular student is 15-16 credit hours per semester. No student may carry more than 18 semester hours except by special permission from the Vice President for Academic Affairs. All regular students must carry a minimum of 12 hours per semester. No student is permitted to live in college housing unless he/she is enrolled in and maintains enrollment in at least 12 hours.

Special or part-time students may carry up to 11 hours per semester. These may be credit hours, non-credit hours, or combination of both.

REPEATED COURSES

Repeating courses for credit is permissible and, in some cases, required, as when a student fails a course or makes a D in a course in the student's major area of concentration.

Transcripts record all grades; the grade for a repeated course will have an R beside it.

A student may have a maximum of six repeats without these counted as work attempted. Thereafter, all repeated courses are counted as work attempted.

To exercise this option, the student must make a request in the Office of the Registrar.

RE-EXAMINATIONS

A student who is in the final year of a degree program may apply for only one re-examination in a course taken in that year if he/she can thereby qualify for graduation. Any request for re-examination must be approved by the person who teaches the course and subsequently by the chairperson of the department. If the departmental chairperson is the teacher, the Vice President for Academic Affairs will appoint another person in the department to consider the request. No grade higher than a C may be assigned as a result of a re-examination.

GRADE REPORTS

At the end of each semester, a grade report is sent to each student, with the grades and number of absences for each class. These grades are recorded on the permanent records in the Registrar's Office. A progress report is sent to students at mid-semester.

REQUIREMENTS FOR CONTINUED ENROLLMENT

In order to continue their enrollment at Chowan College, full-time students (taking at least 12 hours a semester) are expected to demonstrate steady progress toward graduation. Such progress means earning at least the minimal semester hours credit and maintaining at least the minimum quality point average as follows:

At the completion of	1st sem.	2nd sem.	3rd sem.	4th sem.	5th sem.	6th sem.	7th sem.	8th sem.	9th sem.
A student must have earned at least this many semester hours	9	21	33	45	60	72	84	96	108+
With at least this cumulative QPA	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0

Any student who fails to meet these minimum standards will be placed on academic probation for one semester. If after a semester of probation the continued enrollment requirements are not met, the student will be academically suspended from the college. Students under academic suspension may seek to regain eligibility for continued enrollment in the following manner: (1) Attend the summer session at Chowan College and seek to earn sufficient credit to qualify for continued enrollment, or (2) Apply for readmission after having been a non-student for at least one semester. In the case of option #2, readmission is not automatic, and each case is considered on its merits. If a student is readmitted under option #2, he/she will return on academic probation and must remove deficiencies in

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the probationary semester. No student may gain readmission under this option more than one time. Note: Normally a student will not be permitted to transfer work from any other institution for the purpose of removing probation or suspension.

In order to continue their enrollment at Chowan College, special or part-time students (taking fewer than 12 hours a semester) must meet the following minimal standards:

After attempting this number of hours	15	30	45	60	75	90	105	120	135
A student must have earned at least this many semester hours	12	24	36	48	60	72	84	96	108+
With at least this cumulative QPA	1.2	1.3	1.4	1.5	1.6	1.7	1.8	1.9	2.0

Any special or part-time student who does not meet these requirements will be placed on academic probation. In order to be removed from academic probation, the student must meet the standards by the time the next level is attained. Failure to do this will result in suspension. The Vice President for Academic Affairs may attach conditions to enrollment on probation; for example, special advising, limited course load, repeat courses, developmental courses, study skills courses. A student who demonstrates lack of academic progress as measured by excessive class absences and poor academic performance may be required to withdraw prior to the end of the semester.

For purposes of meeting continued enrollment requirements only, successful performance in non-credit developmental courses (AS001- AS003) will be considered the equivalent of earning a grade of C in a three-hour course; a grade of S in AS005 will be considered equivalent to a grade of C in a one-hour course. A grade of U in any developmental course is considered equivalent to an F in a credit-bearing course. The college awards no actual credit for successful completion of such courses.

ACADEMIC HONORS

Academic excellence earns recognition at graduation. The following honors are granted based on all work attempted throughout a student’s entire college career:

- Summa Cum Laude3.80-4.00
- Magna Cum Laude3.50-3.79
- Cum Laude3.25-3.49

The following grade point averages for a semester’s work entitle students, if they are full-time students, to honors at the completion of the semester:

The President’s List.....	3.80–4.00
The Dean’s List.....	3.25–3.79

Any grade below C in a particular semester will disqualify a student from placement on any honors list in that semester. A student who earns a grade below C at any point during his or her college career is ineligible for summa cum laude honors at commencement but may qualify for other honors. A grade of U in a non-credit course is considered less than C for these purposes.

Only students enrolled in 12 or more credit hours (exclusive of Academic Support hours) are eligible for placement on the President’s List or the Dean’s List.

STUDENT CLASSIFICATION

Classification of students is determined by credit hours earned:

Freshman.....	0–26 hours
Sophomore	27–59 hours
Junior.....	60–89 hours
Senior.	90+ hours

DROPPING OR ADDING CLASSES

With the approval of the professor and the Registrar, a student may add courses during the first week of each semester.

A course may be dropped during the first three weeks of the semester without academic record.

Classes may be dropped without academic penalty until one week after the mid-term grading period. That last date for dropping a course without penalty is listed in the College calendar. The student’s transcript will reflect a WP or WF if the class is dropped during this period.

Withdrawal from a course after the official drop period or an unofficial withdrawal will result in a grade of F.

Under extenuating circumstances, a student may appeal to the Vice President of Academic Affairs in order to withdraw officially from a course and receive a grade of W for the course. *See the Withdrawal Policy below.*

PROCEDURE FOR CHANGING CLASSES OR COURSES

1. Obtain a Drop/Add form from the Registrar’s Office.
2. Get the advisor’s approval and signature on the form.
3. Get the approval and signature of the professor(s) involved in the change.
4. Return the form to the Office of the Registrar. If the class change is a matter of convenience rather than necessity, the Registrar may charge a \$5.00 fee for each change.

CLASS ATTENDANCE POLICY

The faculty and administration at Chowan College believe that class attendance is an important part of each student’s educational experience. It is expected that every student will attend every class session unless there is a sound rea-

son to be absent.

Attendance policies will be established by each academic department of the College. The departmental attendance policy will be included in the syllabus of each course taught in the department and will be distributed to students in the first class meeting. It is the student's responsibility to be aware of the attendance policy for each course. As a minimum, a student will be allowed to make up any work missed which was due to participation in a college-sponsored activity, illness, or emergency, when such absences are verified by the Registrar. It is the student's responsibility to make up work missed.

If the number of absences exceeds 25% of the scheduled class meetings, the student will not normally receive credit for the course. A student who wishes to appeal an absence decision should initiate such an appeal through the appropriate departmental chairperson. The chairperson will normally render a decision on the appeal. A student may appeal the decision of the departmental chairperson to the Vice President for Academic Affairs. If the course in question is taught by the departmental chairperson, the Vice President will hear the appeal initially. NOTE: Excessive class absences may result in a student's dismissal from the college.

CLASSROOM CONDUCT

All students are expected to behave in a mature and orderly manner. Disruptive and/or disorderly conduct will not be tolerated in the classrooms or laboratories of Chowan College. After appropriate warning, a teacher may dismiss from class or laboratory a student whose conduct is, in his or her opinion, disruptive. In the case of a grievous offense, a student may be dismissed without prior warning. Such students will not be permitted re-entry into the class until clearance is obtained from the faculty member, the appropriate departmental chairperson, and/or the Vice President for Academic Affairs. Absences incurred during a dismissal from class will be recorded as unexcused.

In a case involving serious disruptive behavior, the College reserves the right to take additional disciplinary action through its established judicial process. If a student is found guilty of such an offense, the minimum penalty will be dismissal from the class in question with a semester grade of F, while the maximum penalty will be expulsion from the College, depending on the gravity of the offense.

WITHDRAWAL POLICY

A student who finds it necessary to withdraw from the College must consult with the Vice President for Student Life and arrange for official withdrawal. Honorable dismissal will not be granted without official withdrawal. Students who withdraw from the College during the first three weeks of the semester will have no record of the courses taken.

Students who withdraw from the College after the first three weeks of the semester and up to one week after mid-term will receive WP or WF, and semester hours will not be counted as work attempted. Students who withdraw during the period from one week after mid-term until the end of the term will receive a

grade of F in each course, and the semester hours will count as work attempted.

Exceptions to this policy may be made for any of the following reasons:

1. Illness of the student or illness in the family which requires the attention of the student. In either case, a physician's certificate must be presented and approved by the Registrar or the Vice President for Academic Affairs.
2. Death of a member of the student's immediate family.
3. Other extenuating circumstances approved by the Vice President for Academic Affairs.

If any of these exceptions applies, the student will receive a grade of W, and semester hours will not be counted as work attempted.

For information concerning refunds at withdrawal, see the "Refund Policy" under "Financial Information".

TRANSCRIPT REQUESTS

Upon request, students are entitled to one free copy of their transcripts. For additional copies, there is a fee of \$3.00 each. No transcript will be released if the student has outstanding financial obligations to the College.

STUDENT RECORDS

Chowan College has an established policy concerning the availability of student records. This policy complies with the Family Educational Rights and Privacy Act of 1974, as amended. The Act, with which the college intends to comply fully, was designed to protect the privacy of educational records, and to provide guidelines for the correction of inaccurate or misleading data. The Chowan College policy on the availability of students' educational records is on file in the Office of the Registrar and may be obtained upon request.

WHITAKER LIBRARY

Whitaker Library is an attractive and welcoming building, providing services and resources that are central to the educational process. The library is open approximately 82 hours per week for study, research, or leisure reading, and holds about 95,000 volumes, all on open shelves. The resource collection also contains approximately 1000 magazines, journal, and newspaper titles, with most of the latest issues also on open shelves for easy pursuit. Whitaker Library has a small but growing CD-ROM network and offers access to collections beyond its own by providing Internet Access and Interlibrary Loan Services. Several special collections are available, including the Oscar Creech Baptist Collection, the McDowell Room of Archives and Antiquities (Chowan and local history), and the Instructional Materials Center.

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ACADEMIC SUPPORT COURSES

Prior to registration, all new students are evaluated in the areas of English, mathematics, and reading. In cases where evaluation results indicate specific academic deficiencies, a student may be advised or required to enroll in a developmental course or courses. Because such work is preparatory and supportive of college-level work, no academic credit is awarded for successful completion. The student should complete such work as early as possible in order to make appropriate progress toward graduation.

NOTE: The college reserves the right to change its academic policies upon proper notice.

THE CURRICULA

BACCALAUREATE DEGREE PROGRAMS

GENERAL EDUCATION REQUIREMENTS

As indicated in the Academic Program chapter of this catalog, the following general education/core requirements apply to all students who are seeking a bachelor's degree.

College 101 (2 semester hours - Course may be optional at discretion of college, but strongly suggested).

English 101-102 (6 semester hours)

Religion 111 and 112 or 111 or 112 and one other Religion course (6 semester hours)

Physical Education Activity Courses (2 semester hours)

History 101 and 102 or 201 and 202 (6 semester hours)

Social Science Elective (3 semester hours). Choose from the following:

Economics 251

Economics 252

Psychology 210

Psychology 260

Sociology 205

Sociology 207

Geography 151

Science with Laboratory (8 semester hours). Choose from the following:

Biology 101

Biology 102

Chemistry 101

Chemistry 102

Earth Science 211

Physics 101

Physics 102

Physics 203

Physics 204

Physics 210

Fine Arts (3 semester hours). Choose from the following:

Art 161

Drama 161

Music 161

Speech 210 or 211 (3 semester hours)

Computers (2 or 3 semester hours)

Humanities (6 semester hours)

One course must be Survey of Literature chosen from the following:

English 201, 202, 203, 204, 205, 206.

Other courses must be chosen from the following fields:

Literature, Philosophy, or Fine Arts

Mathematics (3 semester hours)

Health 201 (3 semester hours)

BUSINESS ADMINISTRATION

1. The Bachelor of Science (B.S.) in Business Administration degree is awarded to those who complete successfully all requirements in the Business Administration curriculum, as outlined in the curriculum section of this catalog. This section specifies the general education requirements, business core requirements, and the specialty courses that students must complete, as well as the number of credit hours which must be earned in these areas.
2. All baccalaureate degree programs at Chowan College require completion of a minimum of 120 semester hours in academic work, plus 2 semester hours in physical education activity courses. The physical education requirement may be waived for students with physical disabilities, as certified by a physician, but such students will be required to take equivalent hours in an elective, as approved by the advisor.
3. Graduates must possess a minimum average of 2.00 on all work attempted.
4. In addition to competence in fundamental reading, writing, and mathematical skills and competence in oral communications, students who receive the B.S. in Bus. Adm. degree are expected to possess the following competencies: (a) A firm foundation of general education courses from which to proceed to upper division or graduate study; (b) Competence in the use of computers as a dynamic body of knowledge; (c) A basic understanding of computer-based information systems, which provide essential support for the decision-making process in an organization; (d) A basic understanding of information systems theory and the application of information analysis and design methodologies using computing skills and technology; (e) A thorough knowledge of accounting as the language of business and an understanding of the principles of recording, summarizing, reporting, and interpreting financial data; (f) Competence in maintaining accounting records and preparing external reports for proprietorships, partnerships, and corporations; (g) Competence in the preparation, analysis, and interpretation of accounting and financial data for internal reporting and decision making; (h) A basic understanding of marketing and the marketing perspective; (i) An understanding of the principles of macroeconomics and microeconomics; (j) A basic knowledge of the American legal system as it relates to business situations; (k) A fundamental knowledge of financial theory and practice; (l) A broad overview of the field of management and the managerial decision-making process; (m) Competence in problem solving and the ability to choose from a variety of different problem-solving methodologies to analytically formulate a solution; (n) Creativity and a tolerance and respect for this characteristic in others; (o) A tolerance for change and skills for managing the process of change; (p) In-depth preparation in a specialty area (accounting, computer information systems, marketing, or small business management) or advanced preparation well

distributed among four specialty areas of study; (q) A basic understanding of the Judeo--Christian heritage; (r) A knowledge of safety and skills in a lifetime leisure sport or physical fitness activity.

BUSINESS CORE REQUIREMENTS

All students who earn the B.S. degree in business administration must complete the following business core requirements (47 credit hours*):

- ACCT 141: Principles of Accounting I
- ACCT 142: Principles of Accounting II
- BUS 220: Marketing
- BUS 251: Principles of Macroeconomics
- BUS 252: Principles of Microeconomics
- BUS 281: Business Law I
- BUS 382: Business Law II
- BUS 301: Principles of Finance
- BUS 324: Business Communications
- BUS 361: Management
- IS 162: Personal Productivity with Integrated Information Technology
- IS 271: Business Information Systems
- IS 391: Management and Decision Support Systems
- MATH 133: College Algebra
- MATH 205: Math Probability and Statistics

*NOTE: BUS 251 and MATH 133 in the business core fulfill 6 credit hours of general education requirements as well.

**REQUIREMENTS FOR A B.S. DEGREE IN
BUSINESS ADMINISTRATION**

(Accounting Emphasis)

General education requirements	48 cr. hrs.
Business core.....	47 cr. hrs.
Business courses in addition to the business core:	
(ACCT 240: Cost and Management Accounting,	
ACCT 243: Income Tax Accounting, ACCT 341:	
Intermediate Accounting I, ACCT 342: Intermediate	
Accounting II, ACCT 441: Advanced Accounting, and	
ACCT 442: Auditing).....	18 cr. hrs.
Electives.....	9 cr. hrs.
Total.....	122 cr. hrs.

**REQUIREMENTS FOR A B.S. DEGREE IN
BUSINESS ADMINISTRATION**

(Information Systems Emphasis):

General education requirements	48 cr. hrs.
Business core.....	47 cr. hrs.
Business courses in addition to the business core:	
(IS 264: Computer Hardware and Systems Software,	

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IS 272: Structured & Object-Oriented Programming, IS 373: COBOL Programming, IS 376: Systems Analysis & Design, IS 481: Fundamentals of Database Systems, and IS 484: Project Management and Practice).....	20 cr. hrs.
Electives	7 cr. hrs.
Total	122 cr. hrs.

**REQUIREMENTS FOR A B.S. DEGREE IN
BUSINESS ADMINISTRATION
(Marketing Emphasis)**

General education requirements	48 cr. hrs.
Business core.....	47 cr. hrs.
Business courses in addition to the business core: (BUS 221: Advertising and Sales Promotion, BUS 322: Selling, BUS 323: Retail Merchandising, BUS 328: Marketing Research, BUS 329: Consumer Behavior; BUS 420: Marketing Management)	18 cr. hrs.
Electives	9 cr. hrs.
Total.....	122 cr. hrs.

**REQUIREMENT FOR A B.S. DEGREE IN
BUSINESS ADMINISTRATION
(Small Business Management Emphasis):**

General education requirements	48 cr. hrs.
Business core.....	47 cr. hrs.
Business courses in addition to the business core: (ACCT 240: Cost and Management Accounting or ACCT 243: Income Tax Accounting, BUS 221: Advertising and Sales Promotion, BUS 323: Retail Merchandising, BUS 380: Human Resources Management, BUS 425: Entrepreneurship, and one course from the following: BUS 322: Selling, BUS 351: Money and Banking, BUS 352: Managerial Economics, BUS 390: Risk and Insurance, BUS 409: Principles of Real Estate, BUS 451: International Economics, and BUS 499: Business Internship)	18 cr. hrs.
Electives	9 cr. hrs.
Total.....	122 cr. hrs.

**REQUIREMENTS FOR A B.S. DEGREE IN
BUSINESS ADMINISTRATION
(Without an Area of Emphasis):**

General education requirements	48 cr. hrs.
Business core.....	47 cr. hrs.
Business courses in addition to the business core: (The student must complete a minimum of 18 credit hours in business courses numbered 300 and above,	

with at least one 300-level course from each area
of emphasis.)18 cr. hrs.
Electives9 cr. hrs.
Total122 cr. hrs.

AN INTERNSHIP IS RECOMMENDED FOR THE B.S. IN BUSINESS ADMINISTRATION CURRICULUM.

MINORS IN THE DEPARTMENT OF BUSINESS

Minors in specified areas of business are available to students who pursue majors in areas of study outside the Department of Business as well as to business students who have an emphasis in a different area. Minors require the completion of 19-23 semester hours in designated business courses. Students who earn minors in the Department of Business must complete BUS 251 or BUS 252 in fulfilling General Education requirements. Minors are available in Business Administration, Accounting, Information Systems, Small Business Management. Specific requirements for these minors follow:

Minor in Business Administration (20 hours):

- ACCT 141: Principles of Accounting I
- ACCT 142: Principles of Accounting II
- BUS 301: Principles of Finance
- BUS 281: Business Law I
- BUS 361: Management
- IS 262: Personal Productivity with Integrated Information Technology

Minor in Accounting (20 hours):

- ACCT 141: Principles of Accounting I
- ACCT 142: Principles of Accounting II
- ACCT 240: Cost and Management Accounting
- ACCT 243: Income Tax Accounting
- ACCT 341: Intermediate Accounting I
- IS 262: Personal Productivity with Integrated Information Technology

Minor in Information Systems (22-23 hours):

- IS 271: Business Information Systems
- IS 264: Computer Hardware & Systems Software
- IS 272: Structured & Object-Oriented Programming
- IS 373: COBOL Programming*
- IS 376: Systems Analysis & Design
- IS 461: Networking and Telecommunications*
- IS 481: Fundamentals of Database Systems
- IS 482: Applied Database Systems Analysis & Design*
- IS 484: Project Management & Practice

*Choose one course from those designated with an asterisk.

Minor in Small Business Management (19 hours):

- ACCT 141: Principles of Accounting I
- BUS 220: Marketing
- BUS 221: Advertising and Sales Promotion or BUS 322: Selling

BUS 323: Retail Merchandising or BUS 425: Entrepreneurship
BUS 361: Management
IS 262: Personal Productivity with IS Technology

Minor in Applied Business (19 hours):

BUS 110: Introduction to Business or
BUS 324: Business Communications
ACCT 141: Principles of Accounting I
BUS 322: Selling*
BUS 251: Principles of Macroeconomics/
BUS 252: Principles of Microeconomics**
BUS 281: Business Law I
BUS 361: Management

*BUS 220 is waived as a prerequisite for BUS 322 for students who are earning a minor in Applied Business.

**To earn the minor in Applied Business, students must complete both BUS 251 and BUS 252. One course satisfies the social science elective requirement in general education, and the other course fulfills the requirement of the minor.

CRIMINAL JUSTICE

Chowan College is currently developing a program in Criminal Justice. Program planning and development will occur during the 1997-98 academic year, with full program implementation scheduled for the 1998-99 academic year. In 1997-98, only an introductory course or courses in the field will be offered.

Criminal Justice is a broad academic discipline encompassing the scientific study of crime, criminals, lawmaking, the criminal justice system, treatment of offenders, and the theories of crime. The program is interdisciplinary and integrative in nature, drawing upon many different disciplines and paradigms for theoretical and methodological approaches, including such disciplines as sociology, psychology, political science, business, anthropology, geography, history, biology, philosophy, and law. The program is concerned with both theory and practice in the belief that neither stands alone. Sound practice demands sound theory, and sound theories are developed and modified through careful study of practice. This major will prepare students planning to attend graduate or professional school, as well as those currently working in criminal justice or other public service careers or planning to do so in the future.

EDUCATION

Chowan College offers undergraduate level programs leading to licensure in Elementary Education (K-6), Mathematics and English, (9-12) and Physical Education (K-12).

The primary goal of the Teacher Education Program at Chowan College is to prepare students for successful careers as elementary or secondary teachers. To accomplish this goal, students will be involved in developmentally appropriate learning experiences which include a balance of general education (Core Studies), professional studies, including extensive field-based work, and specialty studies.

OBJECTIVES

Students who successfully complete the Teacher Education Program at Chowan College will:

- understand the concept of “the teacher as facilitator of learning for all students.”
- be eligible for teacher licensure in their area of concentration in North Carolina**.
- have the knowledge and skills to diagnose a student’s learning style and be able to prescribe appropriate activities to meet his/her needs.
- have adequate knowledge of all aspects of general education and detailed knowledge of specific subject matter in the area of licensure.
- have the knowledge and skills necessary to maintain a classroom which has a positive learning environment.
- have the knowledge and skills needed to work effectively with children who are identified as exceptional.
- have an understanding of how to work effectively with students from culturally diverse backgrounds.
- have gained an understanding of the importance of networking and the use of resource people to help meet the needs of students.
- have developed a sound work ethic and decision-making skills.
- understand the nature of learning and the importance of life-long learning.
- have acquired a positive attitude toward teaching as a profession.
- demonstrate proficiency on all state-required competencies for the appropriate licensure area(s).

**North Carolina has reciprocity agreements with Virginia and approximately 30 other states.

ADMISSION REQUIREMENTS

(For Teacher Education Majors - Junior Year)

All students making initial application to the Teacher Education Program must:

1. fill out a formal application for the program and be interviewed by the chairman of the Education Department.
2. submit a cumulative grade point average of 2.50 or higher on a 4.0 scale on all college course work completed.
3. submit written recommendation from their major advisor and from one other faculty member of their choice on forms supplied by the Teacher Education Department.
4. achieve a minimum or higher score on PPST - PRAXIS I Exam as established by the North Carolina State Board of Education.
5. have successfully completed Speech 210 or 211 and be certified as having good oral and written expression.
6. be officially approved for admission by the Teacher Education Committee.
7. complete Education 201 (Introduction to Teaching) with a grade of C or better.

REQUIREMENTS FOR TRANSFER STUDENTS

All transfer students who do not have a bachelor's degree must meet the same requirements for admission to Teacher Education as regular students. Such students should apply through the Teacher Education Department Chairperson and submit a transcript of all completed college work. Once this transcript has been evaluated by the Registrar and the Department Chairpersons, a written program of study can be developed to meet the required Teacher Education competencies. (Minimum QPA of 2.50 will be based on first full semester's work at Chowan.)

REQUIREMENTS FOR LICENSURE ONLY STUDENTS

1. Be accepted for admission to the college
2. Be interviewed by the chairperson of the Education Department and by the teacher education coordinator of the area in which the student is seeking a license.
3. Fill out formal application for admission to teacher education program including two letters of reference from individuals who can attest to their academic background.
4. Have transcripts of all college work evaluated by chairperson of teacher education department and by teacher education coordinator of licensure area. (Student may submit documentation of significantly related course work and/or professional experience that may substitute for required courses in the licensure area. Decisions as to the acceptability of such courses/experience are jointly made by the above named officials.)
5. Have written course of study developed by department chair and licensure area teacher education coordinator which includes all courses and activities needed for satisfying licensure requirements.
6. Be certified as having acceptable oral and written expression (transcript evaluation, interview, and/or formal assessments).
7. Achieve a minimum or higher state approved score on PPST (PRAXIS I)*.
8. Achieve a minimum 2.5 GPA on the first semester's courses taken at Chowan College.
9. Be officially approved for admission by the Teacher Education Committee.

* Licensure only students who have a GPA of 3.0 or better *may* be exempted from PRAXIS I (PPST). Decisions related to this will be made jointly by teacher education chairperson and teacher education coordinator in licensure area.

REQUIREMENTS FOR LATERAL ENTRY STUDENTS

1. Be accepted for admission to the college.
2. Be interviewed by the chairperson of the Education Department and by the teacher education coordinator of the area in which the student is seeking a license.
3. Fill out formal application for admission to teacher education program including two letters of reference from individuals who can attest to their academic background.
4. Have transcripts of all college work evaluated by chairperson of teacher education department and by teacher education coordinator of licensure

area. (Student may submit documentation of significantly related course work and/or professional experience that may substitute for required courses in the licensure area. Decisions as to the acceptability of such courses/experience are jointly made by the above named officials.)

5. Have written course of study developed by the chairperson of the teacher education department, the teacher education coordinator of the licensure area, and by the personnel director of the employing school system. This document will include all courses and activities required for meeting licensure requirements.
6. Be certified as having acceptable oral and written expression (transcript evaluation, interview, and/or formal assessments).
7. Achieve a minimum 2.5 GPA on the first semester's courses taken at Chowan College.
8. Be officially approved for admission by the Teacher Education Program.
9. Teachers already employed and teaching in a school system generally will not be required to complete the formal student teaching program. The principal of the school in which the teacher is working will be asked to submit a copy of the exit evaluation, certifying the successful completion of a year of teaching.
10. When all courses have been completed, evidence of competencies gained through experience, etc., have been evaluated and passing scores submitted for the professional, the college will submit a recommendation for licensure to the State Department of Public Instruction.

REQUIREMENTS FOR CONTINUING IN TEACHER EDUCATION PROGRAM

**(Regular Students, Transfer Students, Licensure Only Students
and Lateral Entry Students)**

1. Maintain a grade point average of 2.50 or better on all college work.
2. Earn a grade of "C" or better on all professional courses and field-based experiences.
3. Meet all agreed upon schedules for field-based observations, tutoring sessions, and student teaching.
4. Apply for, and be approved to participate in student teaching- (students wishing to do student teaching in the spring semester must apply through the department chairperson by November 10th; to be eligible for student teaching in the fall semester, students must apply by April 10th of the preceding spring semester). (Lateral entry licensure students exempted from student teaching.)

REQUIREMENTS FOR ELEMENTARY EDUCATION MAJORS (K-6)

1. Bachelor of Science (B.S.) degree in Elementary Education is awarded to those students who successfully complete the requirements in the teacher education program and the Elementary Education curriculum.
2. The B.S. degree with a K-6 certification in Elementary Education requires 51 semester hours in the general core, 42 semester hours in an area of specialty studies, and 36 semester hours in professional studies.

3. Specific objectives of the program are to graduate students who:
- can demonstrate an understanding of the undergirding philosophy of the Chowan College Teacher Education program; i.e., “the teacher as facilitator of learning for all students.”
 - demonstrate a professional commitment to teaching and to the importance of the profession.
 - understand and can demonstrate the dynamics of human interaction between teacher-student, teacher-parent, teacher-teacher and teacher-administrator.
 - possess a thorough knowledge of the academic disciplines which provide the foundations for subjects taught in K-6 grades.
 - possess a thorough working knowledge of the North Carolina Standard Course of Study in all content areas K-6.
 - have effective oral and written communication skills.
 - have an understanding of the psychological growth and development of children in grades K-6.
 - understand and can demonstrate a diverse repertoire of effective teaching practices which they can use in performing their executive, interactive, and organizational functions.
 - understand and can demonstrate the concept of integrated learning as it applies to K-6 students.
 - understand and can demonstrate the importance of planning as related to effective teaching and classroom management.
 - have the knowledge and skills needed to work effectively with children who are identified as exceptional.
 - have the knowledge, skills, and attitudes necessary for working effectively with students from culturally diverse backgrounds.
 - understand all K-6 computer competencies and can demonstrate proficiency in each.

Students will attain mastery of the required competencies for elementary licensure by successfully completing the following program:

General Knowledge Core	51 cr. hrs.
English	9 cr. hrs.
History	6 cr. hrs.
Math	3 cr. hrs.
Lab Science (one life science and one physical science)	8 cr. hrs.
Health	3 cr. hrs.
Religion.....	6 cr. hrs.
Fine Arts	3 cr. hrs.
Computers	2 cr. hrs.
Speech.....	3 cr. hrs.
Psychology.....	3 cr. hrs.
P. E. Activity Courses.....	2 cr. hrs.
**Humanities	3 cr. hrs.
Specialty Studies	42 cr. hrs.
MATH 201.....	3 cr. hrs.
MATH 202.....	3 cr. hrs.

Academic Concentration.....	12 cr. hrs.*
EDUC305.....	3 cr. hrs.
- Children’s Literature	
EDUC 307.....	3 cr. hrs.
- Teaching Reading in the Elementary School	
EDUC 330.....	3 cr. hrs.
- Teaching Fine Arts - Elementary School	
EDUC 401.....	3 cr. hrs.
- Methods and Materials - Exceptional Children	
EDUC 461.....	9 cr. hrs.
- Integrating the Elementary Curriculum (Methods and Materials for Teaching Communication Skills, Social Studies, Science, and Math in Integrated Units)	
HPED 310.....	3 cr. hrs.
- Teaching Health and PE in the Elementary School	

*Students who choose math as their academic concentration must take six additional hours of math and six hours of other academic electives.

Professional Studies	36 cr. hrs.
EDUC 201.....	2 cr. hrs.
- Introduction to Teaching	
EDUC 301.....	3 cr. hrs.
- Introduction to Special Education	
EDUC 303.....	3 cr. hrs.
- Analysis of Research and Teaching	
EDUC 320.....	2 cr. hrs.
- Foundations of American Education	
EDUC 371.....	3 cr. hrs.
- Media and Technology	
EDUC 403.....	3 cr. hrs.
- Classroom Management	
EDUC 407.....	2 cr. hrs.
- Effective Teacher Training	
EDUC 420.....	9 cr. hrs.
- Directed Student Teaching	
EDUC 421.....	1 cr. hrs.
- Seminar in Student Teaching	
PSYC 260.....	3 cr. hrs.
- Developmental and Psychology	
PSYC 310.....	3 cr. hrs.
- Educational Psychology	
HPED 210.....	2 cr. hrs.
- First Aid & Safety	

**Elementary majors may substitute Education 305 for Humanities course.

LICENSURE (9–12) (ENGLISH, MATH)

Students at Chowan College who major in either English or Math can meet the

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requirements for teacher licensure by successfully completing the major course requirements and the Education and Psychology courses listed below. Specific requirements for each major are listed under the appropriate department in this catalog.

General Knowledge Core	51 cr. hrs.
(Same as listed in catalog under General Knowledge Core Requirements.)	
Professional Studies.....	36 cr. hrs.
EDUC 201.....	2 cr. hrs.
- Introduction to Teaching	
EDUC 301.....	3 cr. hrs.
- Introduction to Special Education	
EDUC 303.....	3 cr. hrs.
- Analysis of Research in Teaching	
EDUC 320.....	2 cr. hrs.
- Foundations of American Education	
EDUC 371.....	3 cr. hrs.
- Media and Technology	
EDUC 403.....	3 cr. hrs.
- Classroom Management	
EDUC 407.....	2 cr. hrs.
-Effective Teaching	
EDUC 410.....	2 cr. hrs.
- Reading in the Content Area	
EDUC 420.....	9 cr. hrs.
- Directed Student Teaching	
EDUC 421.....	1 cr. hrs.
- Seminar in Student Teaching	
EDUC 431.....	3 cr. hrs.
- Methods and Materials for Teaching High School English, or	
EDUC 451.....	3 cr. hrs.
- Methods and Materials for Teaching High School Math	
PSYC 260	3 cr. hrs.
- Developmental and Psychology	
PSYC 310	3 cr. hrs.
- Educational Psychology	
Major Studies and Electives	36–44 cr. hrs.
(Requirements listed under appropriate department elsewhere in the catalog.)	

REQUIREMENTS FOR LICENSURE IN SPECIAL SUBJECT AREAS

(K–12) - Physical Education

Students can meet the requirements for licensure in the above area by successfully completing the major studies program as described in the appropriate department elsewhere in the catalog and by completing the required Education and Psychology courses listed below.

General Knowledge Core51 cr. hrs.
 (See K-6 requirements above)

Professional Studies.....36 cr. hrs.
 EDUC 2012 cr. hrs.
 - Introduction to Teaching
 EDUC 3013 cr. hrs.
 - Introduction to Special Education
 EDUC 3033 cr. hrs.
 - Analysis of Research in Teaching
 EDUC 3202 cr. hrs.
 - Foundations of American Education
 EDUC 3713 cr. hrs.
 - Media and Technology
 EDUC 4033 cr. hrs.
 - Classroom Management
 EDUC 4072 cr. hrs.
 -Effective Teaching Training
 EDUC 4102 cr. hrs.
 - Reading in the Content Area
 EDUC 4209 cr. hrs.
 - Directed Student Teaching
 EDUC 4211 cr. hrs.
 - Seminar in Student Teaching
 PSYC 2603 cr. hrs.
 - Developmental and Psychology
 PSYC 3103 cr. hrs.
 - Educational Psychology

Major Studies, Methods, Courses and Electives.....42-48 cr. hrs.
 (As described elsewhere in this catalog under appropriate department requirements.)

ENGLISH

1. The Bachelor of Arts degree (B. A.) in English is awarded to those students who complete successfully all of the requirements in the English curriculum outlined below.
2. Students in English must complete a minimum of 122 semester hours, including 51-53 hours from the core curriculum, 12 hours of foreign languages, 36 hours of English courses in addition to the freshman English requirement. Required additional hours are electives selected by the student with the approval of the advisor.
3. An English major must make a grad of C or better in all classes that count toward the major.
4. Graduates in English must possess a minimum average of 2.00 on all work attempted.
5. Studies in literature and language should lead to a richer appreciation of life and its meaning. Learning to express oneself, orally or through writing,

demands attention to what one perceives to be true about experience. Seeing how others express themselves, by reading great literature or studying foreign languages, teaches a variety of perspectives on culture and existence, thus expanding a student's vision. These studies also encourage and help develop a sense of aesthetics and humane values. While these values cannot be measured, we feel they are central to the life of the truly educated.

Other goals of this department are more practical and functional, and may be measured. A student who has completed our program and seeks graduation should be able

- to organize ideas in logical expository prose that is grammatically expressed in correct paragraph and essay form.
- to demonstrate an ability to read and think critically.
- to understand and articulate ideas expressed in serious literature.
- if majoring in English, to understand the variety of approaches to literary studies and their purposes, as well as have wide exposure to the literature of the English language.
- to demonstrate effective oral communication skills.
- to demonstrate an awareness of the interaction of language, culture, and society through foreign language content.
- to demonstrate elementary or intermediate proficiency in speaking, listening, writing, and reading French or Spanish.
- to find and use materials in the library.

REQUIREMENTS FOR A B. A. DEGREE IN ENGLISH

General Knowledge Core	53 cr. hrs.
Foreign language or proficiency at the intermediate level	12 cr. hrs.
English courses above English 101 and 102:	36 cr. hrs.

These courses must include the following:

12 cr. hrs. at the 200-level (British, American, and World Literature must be represented in this distribution):

24 cr. hrs. at the 300-400 level;

English 301, Introduction to Literary Studies;

English 310 or 312, Hist of the Eng Lang or Advanced Grammar;

English 410, Shakespeare;

A grade of C or better in all classes that count toward the English major, including English 101 and 102.

REQUIREMENTS FOR A MINOR IN ENGLISH

English courses above English 101 and 102 including:18 cr. hrs.

English 301, Introduction to Literary Studies

English 310 or 311 or 312, History of the English Language,
Advanced Composition, or Advanced Grammar

ENGLISH EDUCATION

The college offers a teacher education licensure program, grades 9-12, in English Education.

GOALS

The primary goal of the Secondary English Program is to ensure that prospective teachers acquire the attitudes, knowledge, skills, and competencies necessary to perform effectively in secondary English classrooms—that the effective teacher is a facilitator of learning and that all children can learn.

OBJECTIVES

Students who successfully complete the English Education Program at Chowan College will:

1. Demonstrate an adeptness in the process of both producing and understanding oral and written communication and non-verbal language.
2. Demonstrate familiarity with a wide variety of literature.
3. Demonstrate the ability to enable students to employ efficiently the communication skills of reading, writing, listening, speaking, and viewing.
4. Demonstrate the ability to diagnose the needs of students and design and execute appropriate teaching activities which enable those students to develop effective thinking and communication skills.
5. Demonstrate professional values by participating appropriately in the development of the curriculum; recognizing the relationship between students' learning of language and the social, cultural, and economic conditions within which they are reared; serving as a model for correct and effective use of communication; staying informed of current trends in communications skills; and maintaining affiliations with professional organizations.
6. Demonstrate competencies in the humanities that are considered desirable for enriching the knowledge and skills of teachers.
7. Demonstrate English-computer competencies.

REQUIREMENTS FOR A B.A. DEGREE IN ENGLISH EDUCATION

The B. A. degree with major in English and secondary licensure in English (grades 9-12) is awarded to those students who successfully complete the following requirements:

1. Complete a minimum of 128 hours of credit to include:
 - a. 51 hours from the core curriculum (the Humanities elective should be a 200-level literature course).
 - b. 12 hours in foreign language or proficiency at the intermediate level.
 - c. 36 hours of English courses above English 101 and English 102 (6 hours included in the core curriculum), including:
 - (1) 3 literature survey courses at the 200 level, excluding English 205 (British and American Literature must be represented in this distribution).
 - (2) English 205: Survey of Ancient World Literature
 - (3) English 301: Introduction to Literary Studies
 - (4) English 305: Young Adult Literature
 - (5) English 310: History of the English Language or English 312: Advanced Grammar

- (6) English 311: Advanced Composition
 - (7) English 410: Shakespeare
 - d. 36 hours of professional studies required for teacher certification. Consult these specific requirements under the listing for the Department of Education in this catalog, in the Teacher Education Handbook, or on the Checklist for Graduation Requirements in English Education found in the Teacher Education Handbook.
2. Achieve a minimum average of 2.50 on all courses completed.
 3. Achieve a minimum average of 2.50 on all English courses completed, including English 101 and English 102.

GRAPHIC COMMUNICATIONS

1. The Bachelor of Science (B. S.) in Graphic Communications degree is awarded to those students who complete successfully all requirements in the Printing curriculum, as outlined in this catalog.
2. The B. S. in Graphic Communications requires completion of a minimum of 128 semester hours, including two semester hours of physical education activity courses, with an average of at least 2.00 on all work attempted, and a minimum average of 2.5 in all graphic communications courses.
3. In addition to competence in fundamental reading, writing, and mathematical skills and competence in oral communications, students who receive the Bachelor of Science in Graphic Communications are expected to possess the following competencies and expertise: (a) operate desktop publishing systems to generate type matter, line and gray scale images for a variety of printing forms, including newspaper pages, advertisements, magazines and book pages, and commercial forms. Students will also learn the technique of capturing and outputting four color images; (b) prepare paste-up mechanicals for single and multi-color printing forms with the effective use and placement of type, photographs, art work, and other typographic elements; (c) operate process cameras to produce offset film negatives from line and continuous tone copy and process via automatic film processors; (d) prepare a variety of offset printing plates through the effective use of image assembly techniques for single and multi-color printing jobs; (e) operate a color scanner computer to produce separations of full-color copy at various percentages and line rulings; (f) operate a variety of presses to include offset duplicators, medium size single color sheet-fed, two-color offset, flatbed screen printing, and a three unit flexographic web press to produce single and multi-color forms; (g) possess a basic knowledge of printing papers and inks to include the characteristics and application of each; (h) demonstrate appropriate skills and work habits through an internship agreement with a newspaper or commercial printing company; (i) to operate equipment used in the packaging and specialty printing industry to include screen printing, flexographic web equipment; (j) to demonstrate a thorough understanding of management practices and principles used in the printing industry such as production planning, scheduling and cost estimating; (k) an appreciation of the cultural significance of the printing and publishing industry, (l) learn techniques for critical thinking and problem

solving, and use of ethical codes of conduct, behavior, and decision making in the workplace (m) a basic understanding of the Judeo-Christian heritage; (n) a knowledge of safety and skills in a lifetime leisure sport or physical fitness activity.

REQUIREMENTS FOR THE B. S. IN GRAPHIC COMMUNICATIONS

General knowledge core49 cr. hrs.

(GC computer courses meet the core requirement in computers)

Required printing courses:

- Introduction to Graphic Communication 1013 cr. hrs.
- Digital Imaging Technology I 111.....3 cr. hrs.
- Digital Imaging Technology II 112.....3 cr. hrs.
- Offset Printing Operations 1333 cr. hrs.
- Digital Color Imaging & Reproduction 2143 cr. hrs.
- Technical/Digital Photography 223.....3 cr. hrs.
- Offset Printing Applications 2333 cr. hrs.
- World Wide Web Page Design 251.....3 cr. hrs.
- Image Assembly & Digital Preflight Analysis 2533 cr. hrs.
- Flexography & Screen Printing Application 3323 cr. hrs.
- Packaging Design & Printing Applications 333.....3 cr. hrs.
- Interactive Multimedia Applications 351.....3 cr. hrs.
- Current Trends, Quality & Ethical Issues 442.....3 cr. hrs.
- Printing Estimating & Production Planning 4433 cr. hrs.
- Internship 451.....8-10 cr. hrs.

Required courses in Business*

- Business Law 2813 cr. hrs.
- *Introduction to Business 1103 cr. hrs.
- Principles of Accounting 1414 cr. hrs.
- Principles of Economics 2513 cr. hrs.
- Principles of Economics 2523 cr. hrs.
- Management 3613 cr. hrs.
- Selling 3223 cr. hrs.

Free Electives10 cr. hrs.

*Students can take Business Communication 324 in place of BUS 110

HISTORY

The Goal of History as an Academic Discipline at Chowan College

Based on the assumption that knowledge of the past is essential to an understanding of the present and will provide valuable guidance in the shaping of the future, the primary goal of history as an academic discipline at Chowan College is to expose the student to those seminal developments - political, economic, social, intellectual, religious, and cultural - that have produced our present civilization, as well as those that have produced civilizations in other times and places.

To achieve this goal the department will concentrate on (1) increasing the student's familiarity with patterns in history and ability to observe how these patterns apply to other fields; (2) differentiation between social and political changes within civilizations; (3) a basic grasp of significant events affecting the general course of history; (4) some sense of chronology in relation to cause and

effect promoting the concept of history as a continuum of interrelated developments; (5) use of primary evidence -documentary and oral - to analyze events.

Purpose In Offering a B. A. in History

The department seeks to provide good grounding for graduate study and develop abilities useful for a variety of professions such as teaching, research in business or government, and the expanding field of historical restoration and museology.

BACHELOR OF ARTS DEGREE IN HISTORY

The Bachelor of Arts degree in History requires successful completion of the following:

1. A minimum of 128 semester hours, exclusive of physical education activity courses and including Economics 251, Government 108, and at least 45 semester hours from 300 and/or 400 level courses, with an overall "C" average on all work attempted.
2. A foreign language or proficiency through the intermediate level.
3. The General Education Requirement of the college.
4. A minimum of 36 semester hours in history, with an overall "C" average and no grade below C in any history course or required social science course. Requirements include:
 - Basic History: HIST 101, 102, 201, 202
 - Advanced History: Two courses each from the American and European areas
 - Special Advanced History: HIST 470 and HIST 495
 - Two history electives.*
5. A minor consisting of 18 semester hours from one of the major academic disciplines of the college other than history, or 18 semester hours of approved electives in non-history courses.

*The history electives may include either REL 341, 342, 418, or 443; but, when so used, the religion course may not be counted toward fulfilling the requirements of another major, a minor, or an approved elective.

BACHELOR OF SCIENCE DEGREE IN HISTORY

The history student will find that the Bachelor of Science degree in History is excellent preparation for government service, for broad business opportunities, for positions in historical agencies, for teaching, and for law school.

NOTE: It is recommended that students interested in graduate studies earn a Bachelor of Arts in History.

This program replaces the foreign language requirement with twelve (12) hours in one of the following areas:

BUSINESS AND ACCOUNTING

Those students concentrating in this area will be well prepared upon entering business related fields or professional schools in law or business. Business (banks, insurance companies, etc.), law schools, and graduate programs in business

administration and accountancy welcome students who think rationally and logically, express themselves clearly and coherently in both oral and written form, possess a broad education in the liberal arts, and have specialized in an appropriate academic major.

EDUCATION

For those students interested in a teaching career, concentration in this area will augment their program of study with credits aimed at public school certification or a private school position.

COMPUTERS AND MATHEMATICS

Because of their additional training in computers and mathematics, students concentrating in this area will be uniquely qualified to enter a number of private and public sector jobs traditionally open to liberal arts and social science majors holding the bachelor's degree. Consequently, they should enjoy an advantage in the job market, especially in the area of public history.

The Bachelor of Science degree in History requires successful completion of the following:

1. A minimum of 128 semester hours, exclusive of physical education activity courses and including Economics 251, Government 108, Psychology 210, and at least 42 semester hours from 300 and/or 400 level courses, with an overall "C" average on all work attempted.
2. An additional 12 semester hours in one of the following areas:

BUSINESS AND ACCOUNTING

- BUS 252 Principles of Microeconomics
- BUS 281 Business Law I
- BUS 301 Principles of Finance
- BUS 324 Business Communications
- BUS 351 Money and Banking
- BUS 361 Management
- BUS 382 Business Law II
- BUS 390 Risk and Insurance
- ACCT 141-142; 240; 243; 341-342

EDUCATION

- EDUC 201 Introduction to Teaching
- EDUC 301 Introduction to Special Education
- EDUC 303 Analysis of Research in Teaching
- EDUC 320 Foundations of American Education
- EDUC 371 Media and Technology
- EDUC 471 Methods and Materials for Teaching High School Social Studies

COMPUTERS AND MATHEMATICS

- IS 162 Personal Productivity with Integrated Information Technology
- IS 264 Computer Hardware and Systems Software
- IS 271 Business Information Systems

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IS 272	Structured and Object-Oriented Programming
IS 373	COBOL Programming
IS 376	Systems Analysis and Design
IS 461	Networking and Telecommunications
IS 481	Fundamentals of Database Systems
IS 482	Applied Database Systems Analysis and Design

MATH 205	Math Probability and Statistics
MATH 210	Calculus I
MATH 211	Calculus II
MATH 340	Linear Algebra
MATH 351	Mathematical Probability and Statistics

3. The General Education Requirement of the college.
 4. A minimum of 36 hours in history, with an overall “C” average and no grade below C in any history course or required social science course. Requirements include:
Basic History: HIST 101, 102, 201, 202.
Advanced History: Two courses each from the American and European areas.
Special Advanced History: HIST 470 and HIST 495
Two history electives*
 5. A minor consisting of 18 semester hours from one of the major academic disciplines of the college other than history, or 18 semester hours of approved electives in non-history courses.
- *The history electives may include either REL 341, 342, 418, or 443; but, when so used, the religion course may not be counted toward fulfilling the requirements of another major, a minor, or an approved elective.

REQUIREMENTS FOR A MINOR IN HISTORY

1. Students must secure the approval of their academic advisors, and complete an enrollment procedure with the chair of the Department of Social Science.
2. Students must complete eighteen semester hours in history in addition to the six hours used to meet the requirements of the core curriculum and including the six hour history survey sequence not used in meeting core curriculum requirements.
3. No grade lower than a “C” may be used in fulfilling the requirements for the minor.

LIBERAL STUDIES

1. The Bachelor of Arts (B.A.) is awarded to those students who successfully complete the requirements specified in the Liberal Studies curriculum.
2. The Liberal Studies curriculum at Chowan College requires the completion of a minimum of 122 credit hours in academic work, plus 2 credit hours in physical education activity courses. The physical education requirements may be waived for students with physical disabilities, as certified by a physician, but such students will be required to take the equivalent hours in an elective, as approved by the advisor.

3. Graduates must possess a minimum average of 2.00 quality point average on all work attempted.
4. The field of Liberal Studies has long been associated with philosophical inquiry and critical facility. Utilizing an interdisciplinary approach, the Liberal Studies curriculum is designed to provide the student with the breadth of knowledge that will allow the student to interpret intelligently the various issues that confront the citizens of the world community. The Liberal Studies curriculum draws heavily upon the accumulated wisdom of our own and earlier civilizations and seeks to promote the objectivity and independence of mind that will allow a critical analysis of our own cultural heritage, as well as that of other lands and peoples. The student will develop a respect and understanding of the major disciplines (arts, humanities, sciences, and social studies) and the kinds of thinking, abilities, and talents required in each. These sensibilities are demonstrated to some degree, in a student's discussion, whether by essay or by self-expression, in and out of the classroom. These qualities are, to some degree, relative and individual. In addition to competence in fundamental reading, writing, and mathematical skills and competence in oral communications, students who receive the B. A. in Liberal Studies degree are expected to possess the following competencies: (a) An understanding of historical, literary, aesthetic, and cultural heritage as measured by completion of the required credit hours in the areas of humanities and the social sciences; (b) Basic conversational skills in a foreign language as measured by the completion of a language through the intermediate level; (c) An appreciation of scientific methods used in exploring and solving problems as measured by completion of the required credit hours in the natural and theoretical sciences; (d) A refined individual sensitivity to moral and ethical issues as evidenced by the successful completion of the required credit hours in religion and philosophy; (e) A knowledge of safety and skills in a lifetime leisure sport or physical fitness activity.
5. A student may choose a track for specialization or emphasis within the framework of the Liberal Studies curriculum, or a student may continue to broaden his/her education by taking a wide range of courses available throughout the interdisciplinary Liberal Studies curriculum.

REQUIREMENTS FOR A B. A. DEGREE IN LIBERAL STUDIES

(Minimum of 124 semester hours)

General knowledge core53 cr. hrs.

Foreign language through the intermediate level6–12 cr. hrs.

In addition the student may choose from the following areas as required to total at least 47 semester (credit) hours. At least 40 of these semester hours must be level 200 or above, and of this number 30 hours must be at the 300 or 400 level.

The student may elect additional semester hours of electives from OTHER COURSES.

Humanities15 cr. hrs.

Art

Music

Drama

Speech	
English	
Foreign language	
Social Sciences	12 cr. hrs.
Economics	
Geography	
Government/Political Science	
History	
Psychology	
Sociology	
Natural/Theoretical Sciences	11 cr. hrs.
Biology	
Chemistry	
Physics	
Computers	
Mathematics	
Religion/Philosophy	9 cr. hrs.
Biblical Studies	
Religion	
Ethics	
Philosophy	
Other Courses	(to bring total hours to at least 124 hours)

MATHEMATICS

Two degrees are offered in mathematics - a Bachelor of Arts (B. A.) in Mathematics and a Bachelor of Science (B. S.) in Mathematics. The requirements for these degrees are outlined below.

The B. A. degree is a liberal arts based degree with a major in mathematics. Students earning this degree will complete a core of liberal studies courses and selection of courses in mathematics that is typical of an undergraduate major in the subject. Students completing this degree will be prepared for either graduate study in mathematics or for entry level positions requiring an undergraduate degree in mathematics.

The B.S. degree also allows the student the latitude of choosing a broad base of liberal studies courses. It does not require a foreign language but instead requires a year of chemistry, a year of calculus based physics, and three semester hours in computer science. This degree will prepare the student for certain levels of graduate study or for entry level positions requiring an undergraduate degree in mathematics.

In addition, the College offers a teacher licensure program, grades 9-12, in Mathematics Education. The B.S. degree is awarded to students who successfully complete the requirements for this program. The professional studies component of this curriculum as well as the major courses in mathematics are required to ensure that the student meets all the required competencies for licensure. In addition, the breadth of coverage in mathematics prepares the student for graduate studies in mathematics or in mathematics education.

All students majoring in Mathematics must complete three semesters of calculus, linear algebra, statistics, modern algebra, differential equations,

advanced calculus, and nine hours of upper level mathematics electives. A minimum GPA of 2.50 on all major courses is required. No grade below a C in any mathematics course will be counted toward the degree in Mathematics.

REQUIREMENTS FOR A B. A. DEGREE IN MATHEMATICS

Complete a minimum of 125 semester hours of credit to include:

General Knowledge Core50 cr. hrs.

A foreign language or proficiency at the intermediate level.12 cr. hrs.

Required mathematics courses as outlined in the major requirements.....36 cr. hrs.

Elective courses27 cr. hrs.

At least 12 hours should be in an approved designated area with at least 6 hours at the junior or senior level. Elective courses in mathematics do not count in this 12 hour requirement.

Mathematics courses required for a B. A. degree in Mathematics:

Mathematics 210, 211, 310, 315, 340, 430, 470, plus 9 hours of mathematics at or above the 300 level, 3 hours of which must be at the 400 level.

REQUIREMENTS FOR A B.S. DEGREE IN MATHEMATICS

Complete a minimum of 127 semester hours of credit to include:

General Knowledge Core.....42 cr. hrs.*

Applied core19 cr. hrs.

CHEM 101, 102; PHYS 203,204; MATH 295

Required mathematics courses36 cr. hrs.

Elective courses27 cr. hrs.

At least 12 hours should be in an approved designated area with at least 6 hours at the junior or senior level.

Elective courses in mathematics do not count in this 12 hour requirement.

Mathematics courses required for the B.S. degree in mathematics:

Mathematics 210, 211, 290, 310, 315, 340, 430, 470, plus 9 hours of mathematics at or above the 300 level, 3 of which must be at the 400 level.

*The science requirement usually found in the general core is included in the applied core.

REQUIREMENTS FOR A B. S. DEGREE IN MATHEMATICS: TEACHER PREPARATION

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The College offers a teacher licensure program, grades 9-12, in Mathematics Education. The following requirements pertain for students admitted into this program:

Complete a minimum of 128 semester hours of credit to include:

General Knowledge Core and electives53 cr. hrs.
Introduction to Pascal3 cr. hrs.

Required mathematics courses as outlined
in the major requirements36 cr. hrs.

Professional studies required for teacher
licensure36 cr. hrs.

(These include 30 hours of required Education and Methods courses and 6 hours of required psychology courses. Please see these specific requirements under the listing for the Department of Education in this catalog.)

Achieve a minimum average of 2.50 on all courses completed.

Required mathematics courses:

Mathematics 210, 211, 290, 310, 325, 340, 430, 460, plus 9 hours of mathematics at or above the 300 level, 3 hours of which must be at the 400 level.

The goal of the secondary mathematics education curriculum is to provide opportunities for pre-service teachers to acquire attitudes, knowledge, skills, and competencies required to perform effectively in secondary schools. Specifically, the secondary school mathematics education curriculum prepares prospective teachers to:

1. Understand the logical and sequential nature of mathematics, its structure and interrelationships, and the universality of its contributions to culture.
2. Study in depth those areas of mathematics having maximum relevance to the secondary curriculum and make the relevant connections between college mathematics and the mathematics taught in the secondary school.
3. Study advanced topics in upper-level courses that are relevant to current mathematical trends so that, as a teacher, they can direct students into appropriate and rewarding areas.
4. View personal computing experiences from the perspective of their applicability to mathematics and their usefulness to the teaching of mathematics.
5. View personal studies in areas related to mathematics from the perspective of how mathematics is applied to those disciplines.
6. Master the methods, materials, and equipment specifically related to teaching mathematics in a culturally pluralistic classroom.
7. Develop an awareness of the need and the disposition for continued learning in the field of mathematics and the teaching of mathematics.
8. Develop, in addition to the above, each of the following basics: (a) A functional competence in the basic skills of mathematics. (b) A general reasoning ability as well as critical and creative thinking processes. (c) An

understanding of basic mathematical concepts, processes, symbolism, and applications. (d) A self-assurance and pride-in-achievement that comes from developing one's mathematical potential to its fullest through mathematical discovery and successful problem-solving. (e) A background in mathematics sufficient to keep doors open to future graduate education and career choices. (f) An appreciation of the beauty of mathematics and its cultural significance as well as a positive attitude toward the study of mathematics.

REQUIREMENTS FOR A MINOR IN MATHEMATICS

A minor in mathematics shall consist of 20 credit hours in mathematics as follow:

- Calculus 210, 2118 cr. hrs.
- Linear Algebra 340.....3 cr. hrs.
- Foundations of Mathematics 2903 cr. hrs.
- At least 6 additional credit hours taken from the following:
Probability and Statistics 205, Calculus 310, Differential Equation 315,
College Geometry 325, Mathematical Probability and Statistics 351,
Introduction to Modern Algebra 430, History of Mathematics 460,
Advanced Calculus 470.

MUSIC

1. The Bachelor of Arts (B.A.) or Bachelor of Science (B.S.) degree is awarded to those students who complete successfully the requirements specified in the Music curriculum as outlined in this section of the catalog.
2. The Music curriculum at Chowan requires the completion of at least 127-130 credit hours as outlined in this section of the catalog.
3. Graduates must possess a minimum of 2.00 QPA on all work attempted and must earn a grade of C or better in all music courses.
4. In addition to competence in fundamental reading, writing, and mathematical skills and competence in oral communications, students who receive the bachelor's degree in Music are expected to possess the following competencies:
(a) Literature -Possess a basic acquaintance with the standard works of music history and the composers associated with these works, as well as the various style periods of music history to which the major composers belong; (b) Theory - Possess basic writing skills structure of 4 part harmony; sufficient skills to analyze and comprehend music compositions; including knowledge of the non-harmonic tones; (c) Theory Competency - Possess a knowledge of the techniques of composers of the 17th to the 20th centuries; have an awareness of the harmonic materials used in these historical periods from the simple triad through seventh chords, altered chords, ninth, eleventh, and thirteenth chords, simple and complex methods of modulation; (d) Ear Training - Development of the ear to the point that students can transcribe a melody as well as simple four part harmony; (e) Sight Singing - Possess sufficient proficiency to sing at sight melodies of a medium degree of difficulty; (f) Keyboard - Possess competence in playing all major and minor scales, all major and minor, diminished and dominant seventh arpeggios 2 octaves; in playing easy pieces from the various stylistic periods; in playing I IV I V I cadences, in harmonizing simple melodies, and in playing the most simple accompaniments, hymns and

songs.

In addition to the foregoing, music majors with a specialization in voice should be able to sing with proper vocal technique, have expanded their repertory of new songs (approximately 4-5 each semester), and be able to sing, with proper pronunciation, in at least one language other than English. Each semester of study should also include at least one aria from an oratorio or opera.

In addition to the foregoing, music majors with a specialization in piano should be competent in playing all major and minor scales 4 octaves, hands together, all major and minor, dominant and diminished, seventh arpeggios 4 octaves, hands together; in understanding and playing repertoire from the various stylistic periods; in playing basic chord progressions; in transposing simple songs; in harmonizing simple melodies; in playing accompaniments.

In addition to the foregoing music majors with a specialization in organ should be competent in playing exercises and scales for manuals and pedals in H. Gleason's *Method of Organ Playing*; in understanding the stops and principles of registration; in performing works from the standard repertoire of the various stylistic periods; in hymn playing and service playing.

In addition to the foregoing, music majors with band instrument specialization should be able to play major and three forms of minor scales; major and minor arpeggios; have a working knowledge of basic chord progression; should be able to play Grade 5 solos from the North Carolina Band Association solo list.

Music history - possess a basic understanding of the development of music as an art form in Western civilization from antiquity to contemporary times and its relationship to historical developments in other aspects of Western culture;

Junior/Senior recital - each student is required to present a recital during the junior or senior year in the area of the applied music specialization. This recital can be presented as a joint recital with another student or as a solo recital. The recital, either solo or joint, should contain at least 40 minutes of music performed by the student.

Each student graduating in Music Education should have sufficient technique to demonstrate artistic performance in the specialized area for classroom use.

NOTE: *Chowan does not require an audition for admittance as a music major. However, ALL STUDENTS ADMITTED AS MUSIC MAJORS WILL BE ON PROBATION FOR THE FIRST SEMESTER OF STUDY AT CHOWAN. Each student must show acceptable progress, especially in applied music courses, during the probationary semester. If such progress, as determined by the music faculty, is not evidenced, then the student may: (1) not be allowed to continue as a Music Major; OR (2) be allowed to continue for a second, probationary semester. A third semester on probation will not be allowed.*

REQUIREMENTS FOR THE BACHELOR OF ARTS IN MUSIC

Music Core Courses.....	57 (58) cr. hrs.
Applied Music Lab 100A&B; 200A&B 300A&B; 400A&B.....	0 cr. hrs.
Music Literature 171.....	2 cr. hrs.
Music Theory 151-152; 251-252	

101-102; 201-202	16 cr. hrs.
Music History 371-372.....	6 cr. hrs.
Ensemble 181-182; 281-282; 381-382; 481-482 or 191-192; 291-292; 391-392; 491-492	8 cr. hrs.
Applied Major 121-122; 221-222; 321-322; 421; 422(recital) .	16 cr. hrs.
*Applied Minor 111-112; 211-212	4 cr. hrs.
Music Methods 131 (if not a voice major).....	(1) cr. hr.
231-232; 331-332; 431	5 cr. hrs.
General knowledge core.....	53 cr. hrs.
English 101-102.....	6 cr. hrs.
College 101	2 cr. hrs.
Computer Awareness.....	2 cr. hrs.
P. E. Activity (2 courses).....	2 cr. hrs.
Math.....	3 cr. hrs.
Health 201	3 cr. hrs.
Religion (2 courses)	6 cr. hrs.
History (2 courses).....	6 cr. hrs.
Social Science Elective.....	3 cr. hrs.
Speech 210 or 211	3 cr. hrs.
Lab Science (2 courses).....	8 cr. hrs.
Fine Arts Elective.....	3 cr. hrs.
English or American Literature.....	3 cr. hrs.
Humanities elective	3 cr. hrs.
Other Courses.....	18 cr. hrs.
Foreign Language (through intermediate level: 201-202)....	6 to 12 cr. hrs.
Free Electives	12 to 6 cr. hrs.
TOTAL FOR CURRICULUM.....	128 (129) cr. hrs.

*If a student does not already possess a basic level of keyboard proficiency, the applied minor study will be piano.

REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN MUSIC

Music Core Courses.....	61 (62) cr. hrs.
Applied Music Lab 100 A&B; 200 A&B; 300 A&B; 400 A&B.....	0 cr. hrs.
Music Literature 171.....	3 cr. hrs.
Music Theory 151-152; 251-252.....	12 cr. hrs.
Music Theory Lab 101-102; 201-202	4 cr. hrs.
Music History 371-372.....	6 cr. hrs.
Introduction to Conducting & Arranging	2 cr. hrs.
Music Methods 131 (if not a voice major).....	(1) cr. hr.
231-232; 331-332; 431	5 cr. hrs.
Applied Major 121-122; 221-222; 321-322; 421; 422(recital) .	16 cr. hrs.
Applied Minor 111-112; 221-212; 311-312; 411-412.....	6 cr hrs.
Ensemble 181-182; 281-282; 381-382; 481-482 or 191-192; 291-292; 391-392; 491-492.....	8 cr. hrs.
General College Core Courses.....	51 (53) cr. hrs.
English 101-102.....	6 cr. hrs.
College 101 (Optional).....	(2) cr. hrs.
Computer Awareness.....	2 cr. hrs.

P.E. Activity Courses.....	2 cr. hrs.
Math.....	3 cr. hrs.
Health 201.....	3 cr. hrs.
Religion.....	6 cr. hrs.
History.....	6 cr. hrs.
Social Science Elective.....	3 cr. hrs.
Speech 210 or 211.....	3 cr. hrs.
Lab Science.....	8 cr. hrs.
Fine Arts Elective.....	3 cr. hrs.
English or American Literature.....	3 cr. hrs.
Humanities Elective.....	3 cr. hrs.
Free elective.....	15 cr. hrs.
(9 hours must be at 200 or higher level)	
Total.....	127 (130) cr. hrs.

NOTE: *If a student does not already possess a basic level of keyboard proficiency, the applied minor will be piano. If a basic keyboard proficiency is attained before the degree requirements are fulfilled, the student may elect another applied area for study.*

MINOR IN MUSIC

Students who are pursuing a baccalaureate degree in a field other than music may elect to minor in music by fulfilling the following minimum requirements:

Applied Music Lab 100A-400B.....	.0 cr. hrs.
Music Theory 151-152.....	.6 cr. hrs.
Music Theory Lab 101-102.....	.2 cr. hrs.
Applied Music.....	8 or 6 cr. hrs.
Intro. to Music Lit. 171.....	.2 cr. hrs.
Ensemble (Band or Chorus).....	6 or 8 cr. hrs.

NOTE: If a student does not already possess a basic level of keyboard proficiency, additional study in piano will be required. Such study may continue through 4 semesters or until a basic proficiency is acquired.

PHYSICAL EDUCATION

The college offers the B. S. degree in Physical Education in four areas: Physical Education (Teacher Licensure Program), Physical Education (Sport Management Emphasis), Physical Education (Sport Science Emphasis), and Physical Education (Athletic Training Emphasis).

PHYSICAL EDUCATION TEACHER LICENSURE PROGRAM

The College offers a teacher licensure program (K-12) in Physical Education.

PHILOSOPHY

The graduates of the teacher licensure program in Physical Education will be "facilitators" of learning for future generations. The program is committed to the

production of professionals with a broad base of general knowledge, proficiency in motor skills, a solid understanding of the scientific foundations, and competency in pedagogy.

GOALS

The primary goal is to prepare students for a career as a Physical Education teacher with a K-12 licensure.

All graduates from the Department of Health and Physical Education at Chowan College will:

1. possess a broad foundation in general knowledge to relate to the rapidly changing world
2. demonstrate competence to meet state, regional, and national guidelines and requirements for certification in teacher education and physical education
3. exhibit proficiency of motor skills in sports, games, activities, and levels of fitness
4. be cognizant of the professional educator's role of being exemplary in health, fitness, attitude, professional development, and continuing education
5. demonstrate an understanding of the scientific foundations especially as related to analysis of motor skills and salient feedback to improve performance
6. appreciate and utilize the needs, abilities, and characteristics of the learner, especially the atypical or exceptional, in the planning, organization, implementation, and evaluation of a program
7. demonstrate mastery of a variety of teaching methods to achieve student success and improve self-esteem in all learners
8. apply modern technology to the diverse field of Physical Education and Health to facilitate the teaching-learning process

REQUIREMENTS FOR A B. S. DEGREE IN PHYSICAL EDUCATION

The B. S. degree with a K-12 teacher licensure in Physical Education requires 53 semester hours in the general core, 36 semester hours in the professional education core, and 46 semester hours in the Physical Education major. Completion of 135 semester hours in academic work plus two semester hours in physical education activity courses are required for the degree. A graduate must possess a minimum grade average of 2.5 on all work attempted. Specific requirements follow:

General Knowledge Core	53 cr. hrs.
English 101	3 cr. hrs.
English 102	3 cr. hrs.
Religion 111	3 cr. hrs.
Religion 112	3 cr. hrs.
Biology 221	4 cr. hrs.
Biology 101	4 cr. hrs.
Software 101	2 cr. hrs.
Fine Arts 161	3 cr. hrs.
Math 205	3 cr. hrs.
Literature	3 cr. hrs.

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(English 201, 202, 203, 204, 205, 206)

Speech 210.....	3 cr. hrs.
History 101/201	3 cr. hrs.
History 102/202	3 cr. hrs.
Psychology 210.....	3 cr. hrs.
Humanities.....	3 cr. hrs.
(Philosophy, Literature, Fine Arts)	
PE Activity (HPED 100).....	1 cr. hr.
PE Activity (HPED 101).....	1 cr. hr.
Health 201	3 cr. hrs.
College 101 or elective	2 cr. hrs.
 Professional (Education Core)	 36 cr. hrs.
Education 201	2 cr. hrs.
- Introduction to Education	
Education 301*.....	3 cr. hrs.
- Introduction to Special Education	
Education 303	3 cr. hrs.
- Analysis of Research and Teaching	
Education 320	2 cr. hrs.
- Foundation of American Education	
Education 371	3 cr. hrs.
- Media and Technology	
Education 403	3 cr. hrs.
- Classroom Management	
Education 407	2 cr. hrs.
- Effective Teacher Training	
Education 410	2 cr. hrs.
- Reading in the Content Area	
Education 420	9 cr. hrs.
- Directed Student Teaching	
Education 421	1 cr. hr.
- Seminar in Student Teaching	
Psychology 260.....	3 cr. hrs.
- Developmental Psychology	
Psychology 310.....	3 cr. hrs.
- Educational Psychology	
Physical Education Core.....	46 cr. hrs.
HPED 102.....	1 cr. hr.
- Tumbling/Dance	
HPED 103.....	1 cr. hr.
- Motor Skills/Behavior	
HPED 104.....	1 cr. hr.
- Outdoor Leisure/Recreation	
BIOL 222	4 cr. hrs.
- Physiology	
HPED 210.....	1 cr. hr.
- First Aid/CPR	
HPED 220.....	3 cr. hrs.

- Community Health HPED 230, 235.....	4 cr. hrs.
- Individual/Dual Sports I, II HPED 240, 245.....	4 cr. hrs.
- Team Sports I, II HPED 301.....	3 cr. hrs.
- Foundations of PE and Sport HPED 310.....	3 cr. hrs.
- Health and PE for Elementary Schools HPED 320*.....	3 cr. hrs.
- Adaptive PE HPED 330.....	3 cr. hrs.
- Kinesiology/biomechanics HPED 335.....	4 cr. hrs.
- Exercise Physiology HPED 401.....	3 cr. hrs.
- Administration of PE/Sports HPED 410.....	3 cr. hrs.
- Health and PE for Middle/ Secondary Schools HPED 420.....	3 cr. hrs.
- Research/Evaluation in Health, PE, and Sport HPED 450.....	3 cr. hrs.
- Psyc/Soc Dynamics of Coaching HPED 455.....	1 cr. hr.
- Technology in PE and Sport	

*HPED majors may substitute PHED 320 for EDUC 301

PHYSICAL EDUCATION SPORT MANAGEMENT EMPHASIS

The Bachelor of Science (B.S.) degree is awarded in Sport Management to those students who complete successfully 134 semester hours with a 2.0 on all work attempted. The 134 hours include 53 hours in the general knowledge core, 2 hours of electives, 35 hours in business, and 44 hours in sport management/physical education. Specific requirements follow:

General Knowledge Core	53 cr. hrs.
English 101 and 102.....	6 cr. hrs.
English 201, 202, 203, 204, 205, or 206.....	3 cr. hrs.
Speech 210 or 211.....	3 cr. hrs.
Humanities (Philosophy, Literature, Fine Arts) elective.....	3 cr. hrs.
Mathematics 205	3 cr. hrs.
College 101 or elective	2 cr. hrs.
Biology 101 and 102.....	8 cr. hrs.
History 101 and 102 or History 201 and 202	6 cr. hrs.
Religion 111 and 112	6 cr. hrs.
Health 201	3 cr. hrs.
Psychology 210.....	3 cr. hrs.
Computers 101	3 cr. hrs.
Art, Music, or Drama 161	3 cr. hrs.

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PE Activity Courses.....	2 cr. hrs.
(HPED 100 and 101)	
Sport Management/HPED Courses	44 cr. hrs.
HPED 200.....	1 cr. hr.
- Sport Management Practicum I	
HPED 210.....	1 cr. hr.
- First Aid/CPR	
HPED 220.....	3 cr. hrs.
- Community Health	
BIOL 221.....	4 cr. hrs.
- Human Anatomy	
BIOL 222.....	4 cr. hrs.
- Human Physiology	
HPED 300.....	1 cr. hr.
- Sport Management Practicum II	
HPED 301.....	3 cr. hrs.
- Foundations of PE/Sport	
HPED 330.....	3 cr. hrs.
- Kinesiology/Biomechanics	
HPED 335.....	4 cr. hrs.
- Exercise Physiology	
HPED 340.....	3 cr. hrs.
- Principles of Sport Management I	
HPED 400.....	1 cr. hr.
- Sport Management Practicum III	
HPED 401.....	3 cr. hrs.
- Administration in PE and Sport	
HPED 430.....	3 cr. hrs.
- Principles of Sport Management	
HPED 440-441.....	6 cr. hrs.
- Sport Management Internship	
HPED 450.....	3 cr. hrs.
- Psy./Soc. Dynamics of Coaching	
HPED 455.....	1 cr. hr.
- Technology	
Business Courses.....	35 cr. hrs.
ACCT 141 and 142.....	8 cr. hrs.
- Principles	
BUS 251 and 252.....	6 cr. hrs.
- Principles of Macroeconomics and Microeconomics	
IS 161.....	3 cr. hrs.
- Personal Productivity/IS Technology	
BUS 281.....	3 cr. hrs.
- Business Law	
BUS 301.....	3 cr. hrs.
- Principles of Finance	
BUS 361.....	3 cr. hrs.
- Management	

BUS 220.....	3 cr. hrs.
- Marketing	
IS Elective (exclude IS 271).....	3 cr. hrs.
BUS Elective.....	3 cr. hrs.
Choose one of the following: BUS 221; BUS 322; BUS 323; BUS 425	

**PHYSICAL EDUCATION
SPORT SCIENCE EMPHASIS**

The Sport Science curriculum is designed for those students who desire a physical education program, but who are not seeking teacher licensure. The B.S. in Sport Science is awarded to those students who complete successfully 134 semester hours with a 2.00 or better on all work attempted. The 134 hours include 53 in the general knowledge core, 56 in physical education, 25 in the science/elective core. Specific requirements follow:

General Knowledge Core	53 cr. hrs.
English 101	3 cr. hrs.
English 102.....	3 cr. hrs.
Literature.....	3 cr. hrs.
Speech 210/211	3 cr. hrs.
Humanities.....	3 cr. hrs.
Math 133.....	3 cr. hrs.
College 101 or elective	2 cr. hrs.
Biology 101.....	4 cr. hrs.
Biology 102.....	4 cr. hrs.
History 101/201	3 cr. hrs.
History 102/202	3 cr. hrs.
Religion 111	3 cr. hrs.
Religion 112	3 cr. hrs.
Health 201	3 cr. hrs.
Psychology 210.....	3 cr. hrs.
Fine Arts 161.....	3 cr. hrs.
Computers 101	3 cr. hrs.
PE Activity (HPED 100).....	1 cr. hr.
PE Activity (HPED 101).....	1 cr. hr.
Physical Education Core.....	56 cr. hrs.
BIOL 221 - Human Anatomy	4 cr. hrs.
BIOL 222 - Human Physiology	4 cr. hrs.
HPED 102 - Tumbling/Dance	1 cr. hr.
HPED 103 - Motor Skills/Behavior	2 cr. hrs.
HPED 104 - Outdoor Leisure/Recreation	1 cr. hr.
HPED 210 - First Aid/CPR.	1 cr. hr.
HPED 220 - Community Health.....	3 cr. hrs.
HPED 230 - Individual/Dual Sports I.....	2 cr. hrs.
HPED 235 - Individual/Dual Sports II	2 cr. hrs.
HPED 240 - Team Sports I.....	2 cr. hrs.
HPED 245 - Team Sports II.	2 cr. hrs.
HPED 260 - Nutrition.....	3 cr. hrs.

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HPED 301 - Foundations of PE/Sport.....	3 cr. hrs.
HPED 330 - Kinesiology/Biomechanics	3 cr. hrs.
HPED 335 - Exercise Physiology	4 cr. hrs.
HPED 401 - Administration in PE/Sport.....	3 cr. hrs.
HPED 420 - Research/Evaluation in PE and Sport.....	3 cr. hrs.
HPED 440/441 - Internship.....	6 cr. hrs.
HPED 450 - Psy/Soc Dynamics of Coaching	3 cr. hrs.
HPED 455 - Technology in PE/Sport.....	1 cr. hr.
HPED 470 - Seminar.....	3 cr. hrs.
Science/Electives	25 cr. hrs.
Science Electives.....	8 cr. hrs.
PSYCH 260 - Developmental Psych.....	3 cr. hrs.
PSYCH Elective.....	3 cr. hrs.
Electives.....	11 cr. hrs

PHYSICAL EDUCATION ATHLETIC TRAINING EMPHASIS

The B. S. is awarded to those students who complete successfully 134 semester hours with a 2.00 or better on all work attempted. The 134 hours include 53 in the general knowledge core, 32 in athletic training, 47 in the physical education core. Specific requirements follow:

General Knowledge Core	53 cr. hrs.
English 101-102.....	6 cr. hrs.
Literature.....	3 cr. hrs.
Speech 210 or 211.....	3 cr. hrs.
Humanities.....	3 cr. hrs.
Math 133.....	3 cr. hrs.
College 101 or elective	2 cr. hrs.
Biology 101.....	4 cr. hrs.
Biology 102.....	4 cr. hrs.
History 101/201	3 cr. hrs.
History 102/202	3 cr. hrs.
Health 201	3 cr. hrs.
Religion 111-112.....	6 cr. hrs.
Psychology 210.....	3 cr. hrs.
Fine Arts 161.....	3 cr. hrs.
Computers 101	3 cr. hrs.
HPED activity (HPED 100)	1 cr. hr.
HPED activity (HPED 101)	1 cr. hr.
Athletic Training core	32 cr. hrs.
HPED 105 - Fundamentals of Athletic Training.....	3 cr. hrs.
HPED 111 - Athletic Training Practicum I	1 cr. hr.
HPED 211 - Athletic Training Practicum II.....	1 cr. hr.
HPED 212 - Athletic Training Practicum III.....	1 cr. hr.
HPED 250 - Assessment/Athletic Injuries.....	3 cr. hrs.
HPED 260 - Nutrition.....	3 cr. hrs.
HPED 311 - Athletic Training Practicum IV.....	2 cr. hrs.

HPED 312 - Athletic Training Practicum V	2 cr. hrs.
HPED 350 - Rehabilitation & Modalities	3 cr. hrs.
HPED 435 - Advanced Athletic Training.....	3 cr. hrs.
BIOL 345 - Comparative Anatomy or CHEM 101 - General Chemistry or PHYS 101 - General Physics	4 cr. hrs.
MATH 205 - Probability and Statistics.....	3 cr. hrs.
PSYC 260 - Developmental Psychology.....	3 cr. hrs.
Physical Education core.....	47 cr. hrs.
BIOL 221 - Anatomy	4 cr. hrs.
BIOL 222 - Physiology.....	4 cr. hrs.
HPED 210 - First Aid/CPR.....	1 cr. hr.
HPED 220 - Community Health.....	3 cr. hrs.
HPED 301 - Foundations of PE/Sport.....	3 cr. hrs.
HPED 330 - Kinesiology	3 cr. hrs.
HPED 335 - Exercise Physiology	4 cr. hrs.
HPED 401 - Administration in PE and Sport.....	3 cr. hrs.
HPED 420 - Research/Evaluation in PE and Sport.....	3 cr. hrs.
HPED 440-443 Internship	12 cr. hrs.
HPED 450 - Psy./Soc. Dynamics of Coaching	3 cr. hrs.
HPED 470 - Seminar.....	3 cr. hrs.
HPED 455 - Technology in PE/Sport.....	1 cr. hr.

PRE-LAW ADVISORY PROGRAM

The American Bar Association has emphasized that there is no preferred major nor recommended curriculum for those preparing for law school. Individuals interested in going to law school may feel comfortable following most programs of study in conjunction with advising through Chowan's pre-law advisory program. The program is not a major, but a means of assisting students in meeting the requirements to get into law school, regardless of their undergraduate major.

Students interested in pursuing a legal career should contact the Pre-Law Coordinator early in their studies. The Pre-Law Coordinator will provide students with:

- individualized attention in choosing a program of study throughout their college career, frequently reviewing their progress;
- up-to-date information about law school admission; and
- information about the Law School admissions Test (LSAT) and advice about preparation for it

PSYCHOLOGY

The Bachelor of Arts (B.A.) degree is awarded to those students who successfully complete the following requirements:

1. Earn a minimum of 120 hours of approved academic work, plus at least two hours of physical education activity courses, with a cumulative average of 2.0 or better on all work attempted, and a grade of C or better on all courses toward the major.

2. Complete all of the general education requirements of the college.
3. Demonstrate a proficiency in a foreign language through the 200 level.
4. Complete 36 semester hours in psychology, including
 - a. PSYCH 210 - General Psychology
 - b. One of the following:
 - PSYCH 220 - Multicultural Psychology
 - PSYCH 225 - Exceptionality
 - PSYCH 230 - Social Psychology
 - c. PSYCH 260 - Developmental Psychology
 - d. PSYCH 315 - Research Methods in Psychology
 - e. PSYCH 320 - Physiological Psychology
 - f. One of the following:
 - PSYCH 340 - Personality
 - PSYCH 350 - Abnormal Psychology
 - PSYCH 380 - Clinical Psychology
 - g. PSYCH 460 - Test and Measurements
 - h. One of the following:
 - PSYCH 385 - Theories of Learning
 - PSYCH 395 - Cognitive Psychology
 - i. PSYCH 450 - History of Psychology
 - j. PSYCH 470 - Directed Study
5. Complete Math 205 - Introduction to Probability and Statistics.
6. Complete a minor with 18 semester hours in an approved academic discipline.

OBJECTIVE

The primary objective of the Psychology program is to facilitate the development of an understanding of the fundamentals of behavior and experience, to teach the fundamentals of the scientific method, to develop a recognition of the diversity of behavior and experience, and to develop the ability to make informed judgments that strengthen our contributions to society. To accomplish these objectives the program seeks to:

1. Familiarize students with research in psychology and the methods used in conducting research in the field.
2. Familiarize students with outstanding contributors to the development of the field.
3. Increase students awareness of the applications of psychology.
4. Make students aware of the ethical responsibilities of psychologists as researchers and workers.
5. Encourage students to think scientifically about behavior and mental processes.

Work in Psychology helps to prepare students for opportunities in fields such as law enforcement, social service, public affairs, education, mental health, personnel, correctional facilities, business, government, and research. The psychology degree also prepares students for law school and to enter graduate programs in various areas, including psychology and social work.

MINORS IN PSYCHOLOGY

Students who major in Psychology must complete a minor in a field approved by the department.

RELIGION

The Bachelor of Arts (B. A.) degree in Religion requires the successful completion of a minimum of 126 semester hours with an overall “C” average (2.00) on all work attempted. A minimum of 36 semester hours must be completed in courses offered in the Department of Religion and Philosophy. Moreover, the distribution of courses to meet degree requirements - both within the department and across the college curricula - must adhere to those guidelines which are further delineated below.

In addition to those general competencies expected of all who earn a degree from the college, those who major in religion are also expected to demonstrate: (1) adequate acquaintance with and understanding of biblical literature, as evidenced by successful completion of the required departmental distribution of courses in biblical studies; (2) adequate acquaintance with and understanding of developments in Christian history, as evidenced by successful completion of the required departmental distribution of courses in historical/theological studies; (3) adequate acquaintance with and understanding of major ethical and philosophical issues or concerns, as evidenced by the successful completion of the required departmental distribution of courses in ethical/philosophical studies; and (4) adequate competence for and commitment to continued pursuit of their vocational goals, as evidenced through further academic studies and/or effective leadership in Church and community.

Course offerings in the Department of Religion and Philosophy are distributed across three areas: biblical studies, historical/theological studies, and philosophical/ethical studies. Offerings are designed to afford the student introductory, or general survey, approaches to biblical studies, historical/theological studies, and philosophical studies. Opportunities for advanced, or specialized, work are also currently provided in the areas of biblical studies and of historical/theological studies. With future departmental expansion, it is anticipated that advanced offerings will be made available in philosophical/ethical studies as well.

A major in religion requires the successful completion of a minimum of 30 semester hours in religion and philosophy courses, beyond the general knowledge core. Moreover, this requirement must include a distribution of courses as follows: 15 hours in biblical studies, 9 hours in historical/theological studies, and 6 hours in philosophical/ethical studies. A maximum of 39 hours in Religion and Philosophy may be applied towards requirements for the baccalaureate degree.

A minor in religion consists of 18 semester hours beyond the general knowledge core, with the distribution of those courses as follows: biblical studies (9 hours), historical/theological studies (6 hours), and philosophical/ethical studies (3 hours).

The student who chooses to major in religion will be expected to work closely with an academic advisor from the department in designing his/her curriculum beyond the general education (core) requirements and the departmental requirements noted above. A minimum of 126 hours is required for the baccalaureate degree, including at least 36 semester hours of 300-400 level courses.

REQUIREMENTS FOR A B. A. IN RELIGION

Complete a minimum of 126 semester hours of credit to include:

General Knowledge Core	53-54 cr. hrs.*
Religion and Philosophy	30 cr. hrs.
Foreign Language	12 cr. hrs.
Humanities.....	9 cr. hrs.
Social/Behavioral Sciences.....	9 cr. hrs.
Mathematics/Natural Sciences	3-4 cr. hrs.
Electives.....	10 cr. hrs.

*Must include Religion 111, 112

REQUIREMENTS FOR A MINOR IN RELIGION

Complete 18 semester hours beyond the core requirement.

Biblical studies.....	9 cr. hrs.
Historical/theological studies	6 cr. hrs.
Philosophical/ethical studies.....	3 cr. hrs.

SCIENCE

The Department of Science seeks to provide students with an excellent foundation in the biological and physical sciences. The curriculum is designed to prepare students for careers in industry, research, government, and admission to professional schools and other areas. These areas include but are not limited to agriculture, forestry, pulp and paper science and technology, dentistry, medicine, nursing, physical therapy, veterinary medicine, optometry, pharmacy, dental hygiene, medical technology, and/or any other professional areas requiring a background in the natural sciences.

Students pursuing the B. S. in the science area may elect a B.S. in Biology or Science. Those who graduate with a B. S. in Biology, or in Science must possess a minimum GPA of 2.00 on all science courses. In addition, a student must achieve a 2.00 overall GPA and must complete a minimum of 122 semester hours, of which no more than two are in physical education activity courses

The B.S. degree is awarded to those students who successfully complete all of the requirements as outlined in the curriculum section of this catalog. Students who receive the B.S. Degree are expected to possess the following basic minimum competencies: (1) competence in a broad base knowledge of physical and biological science; (2) competence in essential scientific ideas, concepts, and skills; (3) competence in the collection of quantitative and qualitative data; (4) competence in evaluating situations analytically.

PRE-PROFESSIONAL PROGRAMS

The department of science provides students with preparation for professional training. Some pre-professional programs (medicine, dentistry, veterinary medicine, pharmacy, and pre-physical therapy) are four year programs and lead to a Bachelor of Science degree from Chowan.

Students entering any pre-professional program must plan carefully. Professional school catalogs should be consulted to ascertain specific requirements and recommendations and open dialogue between the student and his/her advisor should begin early.

BIOLOGY MAJOR

A Biology Major can be obtained from either of two tracks:

Track I

Allied Health/Laboratory Technology Track

From this track, students may continue with clinical work in a health field, enter professional school, graduate school or continue laboratory work which leads towards laboratory technology and employment in a laboratory setting.

Track II

Environmental Biology Track

Courses in this track constitute a concentration for those students with environmental interests. With the current emphasis on wetlands, students would be in a good position for employment or continuing study in graduate school.

REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN BIOLOGY

General Knowledge Core (other than science/math).....40 cr. hrs.

Required core science/math courses34-35 cr. hrs.

BIOL 101, 1028 cr. hrs.

CHEM 101, 102.....8 cr. hrs.

PHY101, 102.....8 cr. hrs.

Organic Chemistry 2754 cr. hrs.

MATH 133 or 210.....3 or 4 cr. hrs.

MATH2053 cr. hrs.

Choose either Track I or Track II

TRACK I

Allied Health/Laboratory Technology32 cr. hrs.

REQUIRED COURSES

BIOL 221 - Human Anatomy4 cr. hrs.

BIOL 222 - Human Physiology4 cr. hrs.

BIOL 341 - Microbiology4 cr. hrs.

BIOL 401 - Genetics4 cr. hrs.

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CHEM 325 - Biochemistry	4 cr. hrs.
Electives from following group	12 cr. hrs.
BIOL 201 (Ecology), BIOL 345 (Comparative Anatomy),	
BIOL 350 (Plant Physiology), BIOL 370 (Invertebrate Zoology),	
BIOL 491, BIOL 492, BIOL 493, CHEM 276 (Organic Chemistry).	
Free Electives to satisfy the minimum graduation requirements	

TRACK II -

Environmental Biology.....32 cr. hrs.

REQUIRED COURSES

BIOL 201 - Ecology	4 cr. hrs.
BIOL 270 - Plant Diversity.....	4 cr. hrs.
BIOL 320 - Limnology	4 cr. hrs.
BIOL 341 - Microbiology	4 cr. hrs.
BIOL 420 - Wetlands Biology.....	4 cr. hrs.
Electives from following group	12 cr. hrs.
BIOL 345 (Comparative Anatomy), BIOL 350 (Plant Physiology),	
BIOL 360 (Wildlife Biology), BIOL 370 (Invertebrate Zoology),	
BIOL 401 (Genetics), BIOL 430 (Marine Biology),	
BIOL 455 (Environmental Biology), BIOL 491, BIOL 492, BIOL 493,	
CHEM 215 (Aquatic Chemistry).	

Free Electives to satisfy the minimum graduation requirements

TOTAL MINIMUM REQUIRED HOURS

FOR GRADUATION.....122 cr. hrs.

BIOLOGY MINOR

A minor in biology shall consist of 20 semester credit hours in biology.

REQUIREMENTS FOR THE BACHELOR OF SCIENCE IN SCIENCE

General Knowledge Core (other than science/math).....	40 cr. hrs.
Required core science courses	36-37 cr. hrs.
BIOL 101, 102.....	8 cr. hrs.
CHEM 101, 102.....	8 cr. hrs.
PHY101, 102.....	8 cr. hrs.
CHEM 275.....	4 cr. hrs.
MATH 133, 135	6 cr. hrs.
MATH 205 or 210	3-4 cr. hrs.

Pick a minimum of 26 semester credit hours from the following to complete requirements for a science major.*

Aquatic Chemistry 216	4 cr. hrs.
Organic 276.....	4 cr. hrs.
Biochemistry 325.....	4 cr. hrs.

Physical Chemistry 335.....	4 cr. hrs.
Chemical Analysis 460.....	4 cr. hrs.
Physics 203, 204.....	8 cr. hrs.
Astronomy 210.....	4 cr. hrs.
Earth Science 211.....	4 cr. hrs.
Ecology 201.....	4 cr. hrs.
Human Anatomy 221.....	4 cr. hrs.
Human Physiology 222.....	4 cr. hrs.
Microbiology 341.....	4 cr. hrs.
Comparative Anatomy 345.....	4 cr. hrs.
Genetics 401.....	4 cr. hrs.
Science 491.....	1 cr. hrs.
Science 492.....	1 cr. hrs.
Science 493.....	1-3 cr. hrs.

The total general core plus science core plus the above 26 must be 106-107 cr. hrs.

*This additional 26 credit hours may be chosen to fit the students major area of interest: biological science, or physical science.

TOTAL MINIMUM REQUIRED HOURS FOR GRADUATION

(includes no more than two PE credits).....122 Cr. hrs.

VISUAL ARTS

For students desiring to pursue a degree in the visual arts, the college offers two programs: Graphic Design (B.S.) and Studio Art (B.A. or B.S.)

GRAPHIC DESIGN

1. The Bachelor of Science (B.S.) degree is awarded to those students who successfully complete all the requirements in the Graphic Design curriculum (as outlined below) with a minimum of 125 credit hours.
2. Students wishing to major in Graphic Design are required to submit a portfolio for evaluation by the art faculty. Approval of the portfolio is a prerequisite to taking upper level (300-400) courses. Submission dates will be posted. Should a student's portfolio be rejected, he/she may resubmit it for evaluation after appropriate changes have been made. Entrance portfolio requirements are available through the advisor. Transfer students must submit a portfolio for evaluation during the first semester at Chowan. Transfer students are subject to the same conditions as are other students in that they may not take any upper level courses until their portfolio has been accepted.
3. Graduates must possess a minimum QPA of 2.00 on all work attempted with no grade lower than a C in the area of concentration.
4. In addition to those basic competencies required by the college, students receiving the B.S. degree in Graphic Design are expected to: (a) manipulate form on a two-dimensional surface through the use of line, form and perspective; (b) create designs using the elements and principles of design; (c) understand basic processes and techniques in printmaking, painting,

- ceramics, drawing, and sculpture; (d) understand the history of art by identifying major art periods, styles, and historically significant artists; (e) use the principles of advertising design to create graphic designs; (f) illustrate, using a variety of styles and media ; (h) prepare a final portfolio; (i) organize and hang a senior exhibit; (j) operate industry standard computers, peripheral hardware and software to produce graphic design.
- Portfolios must be submitted for evaluation and approval prior to graduation. All students must exhibit selected pieces of their portfolio in a one person or small group senior exhibition prior to graduation.

REQUIREMENTS FOR A B.S. DEGREE IN GRAPHIC DESIGN

General knowledge core.....	51 cr. hrs.
Art Foundations.....	21 cr. hrs.
ART 101, 102, 170, 171, 231, 241 or 242, 292	
Art Appreciation and History	9 cr. hrs.
ART 161, 311, 312	
Graphic Design	15 cr. hrs.
ART 261, 361, 362, 461, 499	
Illustration.....	9 cr. hrs.
ART 371, 372, 471	
Printing Courses (PPIT 101, 111, 223).....	11 cr. hrs.
Internship or elective.....	6 cr. hrs.
Senior Exhibition/Portfolio 449.....	3 cr. hrs.

STUDIO ART

(B.A. or B.S.)

- The Bachelor of Arts (B.A.) or Bachelor of Science (B.S.) degree is awarded to those students who successfully complete all of the requirements of the Studio Art curriculum, as outlined in the curriculum section of this catalog. This section specifies both the general education and specialty courses that students must complete.
- The B.A. and the B.S. degree with an emphasis in Studio Art requires the completion of at least 126 semester hours.
- Graduates must possess a minimum average of 2.00 on all work attempted with no grade lower than a C in their area of emphasis.
- Students should be able to (a) identify major art styles and representative artists of each; (b) react to art in an aesthetic and articulate manner; (c) demonstrate an ability to use perspective, shading, design, composition, line, and color effectively in creating art work; (d) create art in the third dimension; (e) demonstrate competency on a professional level in one studio area; (f) compile and present a portfolio; (g) have an understanding of the history of civilization.
- Portfolios must be submitted for evaluation and approval prior to graduation. All students must exhibit selected pieces of their portfolio in a one person or small group senior exhibition prior to graduation.

REQUIREMENTS FOR A B.A. DEGREE IN STUDIO ART

General Knowledge Core	51 cr. hrs.
Foreign language through the intermediate level.....	6-12 cr. hrs.
Art Foundations.....	24 cr. hrs.
Art 101, 102, 151, 170, 171, 231, 241 or 242, 291	
Art Appreciation 161.....	3 cr. hrs.
Art History 311-312	6 cr. hrs.
Studio Concentration	12 cr. hrs.
Internship or elective.....	3 cr. hrs.
Senior Exhibition/Portfolio 499.....	3 cr. hrs.
Studio Elective.....	9 cr. hrs.
Free Electives (6 hours or more at 200 level).....	9 cr. hrs.

REQUIREMENTS FOR A B.S. DEGREE IN STUDIO ART

General Knowledge Core	51 cr. hrs.
Art Foundations.....	24 cr. hrs.
Art Appreciation	3 cr. hrs.
Art History 311-312	6 cr. hrs.
Studio concentration	12 cr. hrs.
Internship or studio elective	3 cr. hrs..
Senior Exhibition 499.....	3 cr. hrs.
Studio elective	9 cr. hrs.
Free Electives (9 or more hrs. at 200 level or higher).....	15 cr. hrs.

BACHELOR OF APPLIED SCIENCE IN EDUCATION

1. Awarded to students who have successfully completed a two year associate in Applied Science or its equivalent in a Teaching Assistant Program at an accredited two-year college or technical institution, and who subsequently complete the general knowledge core program at Chowan.

REQUIREMENTS

- Total semester hours - 128
 - Earned at Chowan - 64
 - Includes all Chowan College general education core courses unless completed elsewhere
 - Includes at least 27 semester hours of elective credits at 300 or 400 level
 - Includes six semester hours credit for a supervised 180 hour internship in an elementary school/day care center
2. Also awarded to Chowan students who complete all course requirements for a degree in elementary education other than the formal student teaching programs.

REQUIREMENTS

- Total semester hours - 128
- Earned at Chowan - 64
- Includes all Chowan College general education core courses

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- Includes fifteen semester hours in an academic concentration (in addition to hours included in general education requirements)
- 36 semester hours professional education courses, which includes six hours in psychology
- Six semester hours credit for a supervised 180 hour internship
- Eighteen hours of electives

THE CURRICULA

ASSOCIATE DEGREE PROGRAMS

Chowan College offers the associate degree to students who successfully complete one of the following curricula as outlined in this catalog: Liberal Arts, Music, Music Business, Printing Production and Imaging Technology. Graduates must possess a minimum average of 2.00 on all work attempted, and must complete at least 62 semester hours (60 academic hours plus 2 hours in physical education activity courses), but some programs may require completion of a greater number of hours.

LIBERAL ARTS

1. The associate of arts (A.A.) degree is awarded to those students who successfully complete all of the requirements in the Liberal Arts curriculum, as outlined in this section of the catalog.
2. The liberal studies and the humanities are areas long associated with philosophical inquiry and critical facility. Students pursuing the A.A. degree are, therefore, expected to develop and deepen their sensitivity to the human condition in its social, cultural, aesthetic, and moral dimensions; they should also develop skills that enable them to interpret and evaluate experience logically and philosophically. These sensibilities cannot be measured objectively, but they are shown, to some degree, in a student's discussion, whether by essay or by self-expression, in and out of the classroom. These qualities are, to some degree, relative and individual. Students will, however, be able to demonstrate in their testing the following basic and minimum competencies: (a) Writing skills necessary to do college-level work as measured by the completion of composition courses; (b) Reading skills necessary to do college-level work as measured by standardized testing and the completion of courses in the humanities; (c) Mathematical skills up to and including the level of college algebra, as measured by the successful completion of at least two math courses; (d) Oral communication skills as measured by the successful completion of a course in speech; (e) A basic understanding of the Judeo-Christian heritage as measured by the successful completion of courses in religion; (f) A basic understanding of historical, literary, aesthetic, and cultural heritage as measured by completion of courses in these areas; (g) Basic conversational skills in a foreign language as measured by the completion of a language through the intermediate level; (h) An appreciation of scientific methods used in exploring and solving problems relative to the physical environment, as measured by the successful completion of the laboratory sci-

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ences specified by the student's curriculum; (j) A knowledge of safety and skills in a lifetime leisure sport or physical fitness activity.

3. Following in outline form is a model for degree completion in two years.

First Year, First Semester	English 101 (3) Mathematics 133 (3) Religion 111 (3) Foreign Language 101 (3) History 101 (3) College 101 (2)(optional) Physical Education (1)	(Total 16-18)
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Second Semester	English 102 (3) Mathematics 135 or 205 (3) Religion 112 (3) Foreign Language 102 (3) History 102 (3) Microcomputer Concepts & Application 101 (3)	(Total 18)
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Second Year, First Semester	English 201 or 203 (3) Laboratory Science (4) Foreign Language 201 (3) Speech 210 or 211 (3) Elective (3) Physical Education (1)	(Total 17)
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Second Semester	English 202 or 204 (3) Laboratory Science (4) Foreign Language 202 (3) Music, Art, or Drama 161 (3) Elective (3)	(Total 16)
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MUSIC

1. The Associate in Music (A.M.) degree is awarded to those students who successfully complete all of the requirements in the Music curriculum, as outlined in this section of the catalog.
2. In addition to competence in fundamental reading, writing, and mathematical skills and competence in oral communications, students who receive the A. M. degree are expected to possess the following competencies: (a) Literature - Possess a basic acquaintance with the standard works of music

history and the composers associated with these works, as well as the various style periods of music history to which the major composers belong; (b) Theory - Possess basic writing skills structure of 4 part harmony; sufficient skills to analyze and comprehend music compositions; including knowledge of the non-harmonic tones; (c) Theory Competency - Possess a knowledge of the techniques of composers of the 17th to the 20th centuries; have an awareness of the harmonic materials used in these historical periods from the simple triad through seventh chords, altered chords, ninth, eleventh, and thirteenth chords, simple and complex methods of modulation; (d) Ear Training - Development of the ear to the point that students can transcribe a melody as well as simple four part harmony; (e) Sight Singing - Possess sufficient proficiency to sing at sight melodies of a medium degree of difficulty; (f) Keyboard - Possess competence in playing all major and minor scales, all major and minor, diminished and dominant seventh arpeggios 2 octaves; in playing easy pieces from the various stylistic periods; in playing I IV I V I cadences, in harmonizing simple melodies, and in playing the most simple accompaniments, hymns and songs.

In addition to the foregoing, music majors with a specialization in voice should be able to sing with proper vocal technique, have expanded their repertoire of new songs (approximately 4-5 each semester), and be able to sing, with proper pronunciation, in at least one language other than English. Each semester of study should also include at least one aria from an oratorio or opera.

In addition to the foregoing, music majors with a specialization in piano should be competent in playing all major and minor scales 2 octaves, hands together, all major and minor, dominant and diminished, seventh arpeggios 2 octaves, hands together in understanding and playing repertoire from the various stylistic periods; in playing basic chord progressions, in transposing simple songs, in harmonizing simple melodies.

In addition to the foregoing music majors with a specialization in organ should be competent in playing exercises and scales for manuals and pedals in H. Gleason's Method of Organ Playing; in understanding the stops and principles of registration, in playing easier standard repertoire of the various stylistic periods; in playing easier hymns.

In addition to the foregoing, music majors with band instrument specialization should be able to play major and three forms of minor scales; major and minor arpeggios; have a working knowledge of basic chord progression; should be able to play Grade 5 solos from the North Carolina Band Association solo list.

3. Following in outline form is a model for degree completion in two years:

First Year, First Semester

Applied Music Lab 100A (0)
 Music Theory Lab 101 (1)
 Music Theory 151 (3)
 Applied Music* 121 (2)

	Ensemble 181/191 (1)	
	English 101 (3)	
	Music Lit. 171 (2)	
	Math 120 (or higher) (3)	
	PE Activity Course (1)	(Total 16)
Second Semester	Applied Music Lab 100B (0)	
	Music Theory Lab 102 (1)	
	Music Theory 152 (3)	
	Applied Music* 122 (2)	
	Ensemble 182/192 (1)	
	English 102 (3)	
	Computer Concepts 101 (3)	
	History Course (3)	
	PE Activity Course (1)	(Total 17)
Second Year, First Semester	Applied Music Lab 200A (0)	
	Music Theory Lab 201 (1)	
	Music Theory 251 (3)	
	Applied Music* 221 (2)	
	Music Methods Course (1)	
	Ensemble 281/291 (1)	
	English or American Literature (3)	
	Religion Course (3)	
	Social Science Elective (3)	(Total 17)
Second Semester	Applied Music Lab 200A (0)	
	Music Theory Lab 202 (1)	
	Music Theory 252 (3)	
	Applied Music* 222 (2)	
	Music Methods Course (1)	
	Ensemble 282/292 (1)	
	Speech 210 or 211 (3)	
	Religion Course (3)	
	Elective (3)	(Total 17)

CURRICULUM TOTAL67 cr. hrs.

*If the student does not already possess a basic level of keyboard proficiency, additional study in piano will be required. Such study may continue throughout the two years or until a basic proficiency is acquired.

MUSIC BUSINESS

First Year, First Semester	Applied Music Lab 100A (0)	
	Music Theory Lab 101 (1)	
	Music Theory 151 (3)	

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Applied Music* (Piano) 111B (1)
Ensemble 181/191 (1)
English 101 (3)
Math (3)
Social Science Elective (3)
PE activity Course (1) (Total 16)

Second Semester

Applied Music Lab 100B (0)
Music Theory Lab 102 (1)
Music Theory 152 (3)
Applied Music* (Piano) 122B (1)
Ensemble 182/192 (1)
Music Literature 171 (2)
English 102 (3)
Computer Concepts 101 (3)
Elective (3)
PE Activity Course (1) (Total 18)

Second Year, First Semester

Applied Music Lab 200A (0)
Applied Music* (Piano) 211B (1)
Music Methods Course (1)
Ensemble 281/291 (1)
Religion Course (3)
English or American Literature (3)
Accounting 141 (4)
Psychology 201 (3) (Total 16)

Second Semester

Applied Music Lab 200B (0)
Applied Music* (Piano) 212B (1)
Music Methods Course (1)
Ensemble 282/292 (1)
Religion course (3)
Speech 210 or 211 (3)
Laboratory Science (4)
Economics 252 (3) (Total 16)

CURRICULUM TOTAL66 cr. hrs.

*If a student already possess an acceptable keyboard proficiency(as determined by an audition before the music faculty) he/she may elect some other applied area for study.

**PRINTING &
IMAGING TECHNOLOGY**

1. The Associate in Printing and Imaging Technology (A.P.I.T.) degree is awarded to those students who successfully complete all of the requirements in the Printing Production and Imaging Technology curriculum, as outlined in this section of the catalog.

2. In addition to competence in fundamental reading, writing, and mathematical skills and competence in oral communications, students who receive the A.P.I.T. degree are expected to possess the following competencies and expertise: (a) Operate desktop publishing systems to generate type matter, line and gray scale images for a variety of printing forms, including newspaper pages, advertisements, magazines and book pages, and commercial forms. Student will also learn the technique of capturing and outputting four-color images; (b) Prepare digital layout and design for single and multi-color printing forms with the effective use and placement of type, photographs, art work, and other typographic elements; (c) Operate process cameras to produce offset film negatives; (d) operate a color scanner to capture line art, black and white photographs, and color original photographs, slides, and art work to produce quality output images to a digital imagesetter and processed by an automatic film processor; (e) Prepare a variety of offset printing plates, including computer to plate technology through the effective use of conventional and digital stripping techniques for single and multi-color and four-color process printing jobs; (f) Operate a variety of presses to include offset duplicators, medium size single color sheet-fed, two-color offset, and a three-unit web offset to produce single and multi-color forms; (g) Possess a basic knowledge of printing papers and inks to include the characteristics and application of each; (h) A basic understanding of the Judeo-Christian heritage; (i) A knowledge of safety and skills in a lifetime leisure sport or physical fitness activity.
3. Following in outline form is a model for degree completion in two years:

First Year, First Semester	Intro to Graphic Communications	(3)
	Digital Imaging Technology I 111	(3)
	Religion 111	(3)
	English 101	(3)
	Elective	(3)
		(Total 15)
Second Semester	Digital Imaging Technology II 112	(3)
	Offset Printing Operations 133	(3)
	Religion 112 or Intro to Ethics	(3)
	English 102	(3)
	Physical Education	(1)
	Elective	(3)
		(Total 16)
	Summer Internship (Optional)	(4)

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Second Year, First Semester

Offset Printing Applications 233	(3)
Digital Color Imaging & Reproduction 214	(3)
Mathematics	(3)
Physical Education	(1)
Introduction to Business 110	(3)
Elective	(3)
	(Total 16)

Second Semester

Image Assembly & Digital Preflight Analysis 253	(3)
Technical/Digital Photography 223	(3)
World Wide Web Page Design 251	(3)
Business Law 281	(3)
Speech 210 or 211	(3)
	(Total 15)

COURSE DESCRIPTIONS

Chowan College reserves the right to change its course offerings upon proper notice.

ACCOUNTING

- ACCT 141 Principles of Accounting I4 cr. hrs**
A first course in accounting principles and procedures. Emphasis is on analyzing, recording, and reporting business transactions for proprietorships. Topics studied include the accounting cycle, special books of original entry, working papers, financial statements, selected asset and liability accounts, and accounting applications. Six hours per week.
- ACCT 142 Principles of Accounting II.....4 cr. hrs.**
A continuation of ACCT 141 with emphasis on the accounts of partnerships and corporations, internal and external reports, manufacturing operations, managerial accounting topics, and the decision-making process. Six hours per week. Prerequisite: ACCT 141 or equivalent.
- ACCT 240 Cost and Management Accounting3 cr. hrs**
An intermediate course in accounting in preparation, analysis, and interpretation of accounting and financial data for product costing and decision making. Prerequisite: ACCT 142. Offered only in the fall semester.
- ACCT 243 Income Tax Accounting.....3 cr. hrs.**
An introduction to taxation with emphasis on income concepts, tax accounting methods, exclusions, deductions, credits, prepayments, business income, capital gains and losses, and the tax planning process. Prerequisite: ACCT 142. Offered only in the spring semester.
- ACCT 341 Intermediate Accounting I.....3 cr. hrs.**
An overview of accounting and its theoretical foundation. Emphasis is placed on financial statements and various asset accounts. Accounting applications to monetary valuations are studied. Three class hours per week plus additional sessions for tests. Prerequisite: ACCT 142 with a grade of C or better. Offered only in the fall semester.
- ACCT 342 Intermediate Accounting II3 cr. hrs.**
Continuation of ACCT 341 with an emphasis on valuation issues related to liabilities and owners' equity, special problems in income determination and reporting, and financial reporting and analysis. Three class hours per week plus additional sessions for tests. Prerequisite: ACCT 341 with a grade of C or better. Offered only in the spring semester.

ACCT 399-499 Independent Study in Accounting1-2 cr. hrs.

An individual problem course designed to give the interested student additional experience in an accounting-related project. Each student will work under the direction of a faculty member on some project of mutual interest. At the end of the semester a report on the project will be submitted to the Department of Business faculty. Prerequisite: ACCT 142 with a grade of C or better.

ACCT 441 Advanced Accounting.....3 cr. hrs.

The application of financial accounting principles and procedures to the accounting for business combinations and partnerships. This is a problems course and is essential for those students who desire to take one or more professional accounting examinations. Three class hours per week plus additional sessions for tests. Prerequisite: ACCT 342 with a grade of C or better. Offered only in the fall semester.

ACCT 442 Auditing.....3 cr. hrs.

A conceptual approach to auditing principles and procedures in the preparation of audit reports. Professional standards and ethics are emphasized. This is generally a required course for most professional examinations in the accounting area. Three class hours per week plus additional sessions for tests. Prerequisite: ACCT 342 with a grade of C or better. Offered only in the spring semester.

ART

ART 101 Fundamentals of Drawing3 cr. hrs.

Instruction and practice in the basic skills and techniques of drawing and composition. Media such as pencil, charcoal, and ink are explored. A terminology unique to art is used in an active dialogue both individually and as a group activity.

ART 102 Figure Drawing3 cr. hrs.

An introduction to rendering and understanding the human figure with various media.

ART 151 Ceramics.....3 cr. hrs.

An introduction to the fundamental processes of pottery making. Basic construction techniques in hand building and wheel throwing; glazing and firing procedures are covered.

ART 161 Art Appreciation3 cr. hrs.

A selective study of the major periods in the history of art. Emphasis is placed on helping the student to recognize and understand the major objectives and techniques which are characteristic of periods and out-

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standing artists and their influence on current trends and developments in art. Supplemented by color slides and individual research.

ART 170 Basic Design I3 cr. hrs.

A study of the basic principles and elements of 2D and 3D. This course explores solutions to a broad range of mechanical and conceptual design problems. Class work includes lectures, demonstrations and critiques of student work.

ART 171 Basic Design II3 cr. hrs.

A continuation into the study of basic 2D and 3D design principles along with principles of color interaction, color selection, contrast and harmonies, relationships between light, color and vision, basics of pigment mixing and color terminology. PREREQUISITE 170 or permission of Instructor.

ART 201 Advanced Drawing.....3 cr. hrs.

Drawing with an emphasis on observation and imaginative compositions, manipulation of mixed media, working mainly from life. Slide presentation of student work required at end of semester. Prerequisites: Art 101, 102, 170, 171 or permission of instructor.

ART 231 Sculpture I3 cr. hrs.

A theoretical and practical examination of the three dimensional form. While using specific art historical references, students will investigate the process of carving, fabricating, and modeling materials such as wood, glass, clay, stone, plastic, and fabric.

ART 232 Sculpture II3 cr. hrs.

A theoretical and practical examination of the formal elements of sculpture in wood. Course is designed to investigate form, material and content. Emphasis is placed on the proper use of various manual and power tools, the investigation into the appropriate processes of woodcarving, wood fabrication and assemblage, selection of materials, and the development of content/idea for the individual projects through completion. Course offers class critiques, slides of historical and contemporary sculpture, and encouragement of independent class thinking. Prerequisite: 231 or permission of Instructor.

ART 241 Painting I3 cr. hrs.

Instruction and practice in the basic media and techniques of acrylic. Emphasis is placed on composition and color usage. Critical awareness is developed with periodic critiques. Slide presentation of student work at end of the semester is required. Prerequisites: ART 101, 102, 170, and 171, or permission of instructor

- ART 242 Painting II.....3 cr. hrs.**
Instruction and practice in the basic media and techniques of oil painting. Emphasis is placed on composition and color usage. Critical awareness is developed with periodic critiques. Slide presentation of student work required at end of semester. This is an above freshman level course. Prerequisite: Art 101, 102, 170, 171 or permission of instructor.
- ART 261 Introduction to Graphic Design3 cr. hrs.**
An introduction to lgraphic theory, principles and methods. Study of letter form and compositional design. Prerequisites: ART 101, 102, 170, 171, or permission of instructor
- ART 291 Printmaking I.....3 cr. hrs.**
This course provides an introduction to woodcutting, intaglio, linoleum cutting, collograph and monotype printmaking techniques. Emphasis is on tools, chemicals, and techniques.
- ART 292 Printmaking II.....3 cr. hrs.**
This course provides an introduction to the fundamentals of silkscreening, stenciling, selection of papers and inks and their various applications.
- ART 311 Art History.....3 cr. hrs.**
Painting, sculpture, architecture and other art forms are traced from Prehistoric Age through the Renaissance. Augmented by color slides, research projects, seminars, and museum tours. Prerequisites: ART 161
- ART 312 Art History.....3 cr. hrs.**
Painting, sculpture, architecture and other art forms are traced from the Renaissance through modern day. Augmented by color slides, research projects, seminars, and museum tours. Prerequisites: ART 161
- ART 331 Sculpture III: Metals3 cr. hrs.**
A theoretical and practical examination of the formal elements of sculpture in metals. Course is designed to investigate form material and content. Emphasis is placed on the proper use of various metal working tools, the investigation into the appropriate process of soldering (assemblage), torching (bending), and the selection of materials. Class critiques, exposure to historical and contemporary sculpture, and the encouragement of independent thinking enables students to develop content/idea for individual projects. Prerequisites: ART 231 or permission of Instructor.
- ART 332 Sculpture IV: Advanced Projects.....3 cr. hrs.**
A theoretical and practical examination of the three dimensional form utilizing the student’s choice of materials. In depth application of process, material selection, development of content through personal and historical sources through to completion. Students participate in rigorous class critiques, research projects, and view slides/films on sculptural sources both contemporary and historical. Independent

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thinking is encouraged through use of journals and class discussions.
Prerequisites: ART 231 or permission of Instructor.

ART 341 Painting III.....3 cr. hrs.

Advanced painting with emphasis on experimentation, creativity, and exploration of the media. Critical awareness continues to be developed through periodic critiques. Slide presentation of student work at end of semester is required. Prerequisites: Art 241 and 242, or permission of instructor.

ART 342 Painting IV3 cr. hrs.

Advanced painting with emphasis on experimentation, creativity, and exploration of the media. Critical awareness continues to be developed through periodic critiques. Media concentration to be determined by conference between student and instructor. Prerequisites: ART 241, 242, and 341, or permission of instructor.

ART 351 Ceramics II3 cr. hrs.

A concentration of potter's wheel projects with an emphasis on functional pieces, glazing, firing, craftsmanship and aesthetics. Prerequisite: ART 151 or permission of instructor.

ART 352 Ceramics III.....3 cr. hrs.

A continuation of wheel techniques, on an advanced level, where more challenging and ambitious projects are required. Prerequisite: ART 351

ART 361 Graphic Design II3 cr. hrs.

Graphic design and the printed page. This course will examine the interaction of text, headlines and visual images with an introduction to layout and the production methods in publishing. Prerequisite: ART 261 or permission from the Instructor.

ART 362 Graphic Design III.....3 cr. hrs.

A study of time based and three dimensional forms of graphic design and communications. This includes television graphics, package design and exhibition design. Prerequisite: ART 361

ART 363 Graphic Design IV.....3 cr. hrs.

Graphic design in corporate and project oriented communications. This course will examine the role of the designer in defining and reinforcing solutions to complex communication problems. Also covers the responsibilities of the designer such as planning, scheduling, estimation and the legal and ethical aspects of the field. Prerequisite: ART 362.

ART 371 Illustration I3 cr. hrs.

Intermediate drawing problems in illustration exploring various line drawing techniques and computer graphics. Prerequisites: ART 101, 102

- ART 372 Illustration II.....3 cr. hrs.**
Advanced illustration as a communicative medium with an emphasis on media and technique. Prerequisite: ART 371
- ART 385 Independent Study.....1–3 cr. hrs. each**
A special projects course designed by the student in conjunction with a member of the art faculty who will direct and supervise the project
- ART 391 Printmaking III.....3 cr. hrs.**
Advanced intaglio techniques are explored with the emphasis on developing a series of color images. Prerequisite: ART 291
- ART 392 Printmaking IV.....3 cr. hrs.**
A course in fine art plate lithography. The preparation, process and printing associated with black and white editions will be explored. Prerequisite: ART 291 or permission of instructor
- ART 411 Readings in Fine Arts3 cr. hrs.**
The art movements of the 20th century will be studied as they reflect the social/political movements of the same period. Course consists of lectures, discussions of assigned readings, specific films, paintings, sculpture, architecture and other media. A presentation based on the student's research project is required at end of semester. Prerequisites: Art 311, 312.
- ART 412 Visual and Verbal Metaphor.....3 cr. hrs.**
An investigation into visual problem solving utilizing interdisciplinary methods fusing studio arts with liberal arts. Students will be introduced to connections in literature, personal journals, aesthetic philosophy, books, arts, and art criticism utilizing various psychological, sociological, aesthetic and literary critical approaches. Prerequisite: ART 311, 312
- ART 413 Intermedia3 cr. hrs.**
Investigation into the interaction of 2d and 3d media with computer imaging, videography, and performance art.
Prerequisite: Junior standing
- ART 441 Painting V.....3 cr. hrs.**
Advanced painting course with emphasis on experimentation, creativity, and exploration of the media. Media concentration to be determined by conference between student and instructor. Slide presentation of student work at end of semester is required. Prerequisite: Art 241, 242, 341, and 342, or permission of instructor.
- ART 451 Ceramics IV.....3 cr. hrs.**
A combination of hand built and wheel thrown products are required

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with an emphasis on craftsmanship and aesthetics. Also, a concentrated emphasis is placed on glaze calculation and clay body formulation. Prerequisite: ART 352

- ART 452 Ceramics V3 cr. hrs.**
A continuation of technique on an advanced level, problem solving, aesthetics, and firing procedures. Prerequisite: ART 451
- ART 461 Graphic Design IV.....3 cr. hrs.**
Professional development of the graphic artist through practice and research. Focus is on the business of design.
- ART 465 Internship3 cr. hrs.**
Student receives credit for work experience in an art related employment. Work experience may be full or part-time and may be completed during the academic year or the summer.
- ART 471 Illustration III.....3 cr. hrs.**
Advanced illustration as a communicative vehicle. Prerequisite: ART 372
- ART 485 Independent Study1-6 cr. hrs.**
A special projects course designed by the student in conjunction with a member of the art faculty who will direct and supervise the project.
- ART 491 Printmaking V3 cr. hrs.**
Large scale traditional relief printing, as well as non-traditional relief media will be explored. Prerequisite: ART 291 or permission of instructor
- ART 499 Senior Exhibition/Portfolio.....3 cr. hrs.**
Seniors are required to organize and exhibit selected pieces from their portfolio in a one person or small group exhibition during the last semester of the senior year. Faculty will work closely with students to develop the final portfolio, resume, and senior exhibit.

BIOLOGY

- BIOL 101 General Biology I.....4 cr. hrs.**
This course is an introduction to the basic principles of life: Cellular, structure and function, molecular biology, cellular respiration, photosynthesis, reproduction, and Mendelian genetics. Three hours lecture and one three-hour laboratory per week.
- BIOL 102 General Biology II4 cr. hrs.**
This course is a survey of life as depicted by the five kingdom system of classification with an emphasis on animals. Included are form and function, diversity, evolution and basic ecology. Three hours lecture and one three-hour laboratory per week. Prerequisite: BIOL 101

- BIOL 201 Principles of Ecology.....4 cr. hrs.**
This is a study of the interactions of organisms as they relate to their biotic and abiotic environments. Population dynamics and evolution at the ecosystem level are emphasized as influenced by human activity. Three hours of lecture and one three-hour laboratory. Offered in the fall semester of every year. Prerequisites: BIOL 101 and 102.
- BIOL 221 Human Anatomy.....4 cr. hrs.**
This is an introduction to systemic gross human anatomy which emphasizes structure, function, and concepts of relationships. The laboratory utilizes charts, models, software, and dissections to visualize structures and their relationships. Three hours of lecture and one three-hour laboratory per week. Prerequisite: BIOL 102 or permission of instructor.
- BIOL 222 Human Physiology4 cr. hrs.**
Chemical and physical processes of the human organism are explored at the cellular, organismic and systemic level. Homeostasis is the unifying concept as each system is discussed and interrelationships between systems developed. Laboratory includes cellular phenomena, tissue and organ mechanisms, and functions of the entire human organism. Data collection and interpretation are stressed. Three hours of lecture and one three-hour laboratory per week. Prerequisite: BIOL 221 or BIOL 102. CHEM 102 recommended.
- BIOL 270 Plant Diversity.....4 cr. hrs.**
This is a study of the phylogeny, comparative morphology, and evolution of the major plants divisions. Field collections are included. Three hours of lecture and one three-hour laboratory per week. Prerequisite: BIOL 101, 102
- BIOL 320 Limnology4 cr. hrs.**
This is a study of the biological adaptations encountered in inland water systems (primarily freshwater systems) and the relationship of the biome to the hydrologic cycle. The physical parameters which influence the water quality as it relates to species composition is considered. Extensive field work in local lakes and streams is included. Six hours of lecture and laboratory per week. Prerequisites BIOL 102; CHEM 275 strongly recommended.
- BIOL 341 Microbiology.....4 cr. hrs.**
This is a study of the morphology and physiology of microorganisms with emphasis on bacteria. Introduction to beneficial and disease causing microbes is included. Consideration is given to terrestrial and aquatic microbiology. Laboratory consists of standard techniques and procedures as well as some biotechnology techniques. Three hours of lecture and one three-hour laboratory per week. Offered in spring semester of odd numbered years. Prerequisites: BIOL 101 and 102 , and CHEM 101 and 102; CHEM 275 recommended.

- BIOL 345 Comparative Anatomy**4 cr. hrs.
This is a comparative study of the origins, structures, and functions of vertebrates emphasizing evolutionary relationships. Laboratory includes a detailed study of amphioxus, mudpuppy, shark, cat, and human. Offered only in spring semester of even numbered years. Three hours of lecture and one three-hour laboratory per week. Prerequisites: BIOL 101 and 102
- BIOL 350 Plant Physiology**4 cr. hrs.
This is a study of the physiological processes in plants (photosynthesis, water movement, growth and development, and chemical control) and the influence environmental stress has on these processes. Three hours lecture and one three-hour laboratory per week. Prerequisites BIOL 101 and 102 and CHEM 275.
- BIOL 360 Wildlife Biology**4 cr. hrs.
This is the study of native and introduced wildlife populations. This study includes identification, census taking, management, and population dynamics of wildlife. Factors which limit and enhance populations are included. Extensive field work in local wetlands is included. Six hours of lecture and laboratory per week. Prerequisite: BIOL 201.
- BIOL 370 Invertebrate Zoology**4 cr. hrs.
This is a study of the phylogeny, comparative morphology and physiology, and evolution of invertebrates. Field collections are included. Three hours of lecture and one three-hour laboratory per week. Prerequisites: BIOL 101 and 102, CHEM 101, 102 recommended.
- BIOL 401 Genetics**4 cr. hrs.
This is a study of the principles of genetics designed to provide an understanding of Mendelian, post Mendelian, microbial, molecular, and population genetics. Laboratory includes classical as well as microbial and molecular genetics with statistical analysis of the data. Offered only in the fall semester of odd numbered years. Three hours of lecture and one three-hour laboratory per week. Prerequisites: BIOL 101 and 102, CHEM 101 and 102. CHEM 275 and 325 recommended.
- BIOL 420 Wetlands Biology**4 cr. hrs.
This is a study of the hydric soils and the vegetation and animals they support. This study includes bogs, marshes, swamps, river flood plains, and pocosin ecosystems. The preservation, restoration, and management of wetlands is stressed. Extensive field work in local wetlands is included. Six hours of lecture and laboratory per week. Prerequisites: BIOL 201. CHEM 215 strongly recommended.

BIOL 430 Marine Biology.....4 cr. hrs.

This is a study of the biology of salt water ecosystems including open ocean, estuarine and beach zone habitats. Includes the composition and distribution of organisms and their adaptations to the salt water environment. Six hours of lecture and laboratory per week.

Prerequisites: BIOL 201.

BIOL 455 Environmental Science4 cr. hrs.

This is a course designed to examine the environmental movement including concerns about pollution, endangered species, population growth, global warming, acid rain, and other current environmental issues and regulations. Six hours of lecture and laboratory per week.

Prerequisites BIOL 201.

SCIENCE

SCIENCE 491 Seminar.....1 cr. hr.

This is a faculty directed study of a selected topic resulting in oral and written reports. Prerequisites: Approval of Advisor, Departmental Chairperson, and Instructor.

SCIENCE 492 Directed Research2 cr. hrs.

This is faculty directed laboratory study requiring two three-hour labs per week on a selected topic culminating in oral and written reports.

Prerequisites: Approval of Advisor, Departmental Chairperson, and Instructor

SCIENCE 493 Cooperative Internship1-3 cr. hrs.

This is a faculty supervised science related work experience in an off-campus situation. One credit hour will be awarded per 50 work hours.

The internship requires oral and written reports. Prerequisites: Approval of Advisor, Departmental Chairperson, and Company. See the Science Departmental Internship Agreement Manual for information and details.

BUSINESS

BUS 100 Professional Development.....2 cr. hrs.

A course designed to aid the career-minded individual to realize his or her potential in the areas of grooming, personality, public speaking, leadership, selling, and social and professional development.

BUS 110 Introduction to Business3 cr. hrs.

A comprehensive introductory look at the business world. Includes topics related to the business environment, organization, management, finance, accounting, risk management, social responsibility of business, international business, and career opportunities in business. Integrates writing, presentation, and word processing techniques.

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- BUS 220 Marketing.....3 cr. hrs.**
A study of the production, distribution, and sale of goods and services to the ultimate consumer and industrial user. Market segmentation, pricing strategy, product planning, consumer behavior, and communication and advertising are emphasized as tools of the marketing function.
- BUS 221 Advertising and Sales Promotion.....3 cr. hrs.**
An introduction to the principles and techniques surrounding advertising and sales promotion activities in business. Emphasis is placed on the use of advertising and sales promotion in the retail industry. Preparation of advertising copy, layout, types of media and promotional techniques are discussed. Career opportunities in advertising and sales promotion are explored. Offered only in the spring semester.
- BUS 251 Principles of Macroeconomics3 cr. hrs.**
An introduction to the principles of economics essential to an understanding of fundamental economic problems and the policy alternatives society may utilize to contend with these problems.
- BUS 252 Principles of Microeconomics3 cr. hrs.**
An introduction to the principles of economics in which specific economic units are examined and a detailed consideration of the behavior of these individual units is made.
- BUS 281 Business Law I.....3 cr. hrs.**
A concentrated study of the laws and regulations that guide and protect business activities. Topics include the U.S. legal system and public policy formulation, the American philosophy of law, contracts, sales and product liability, debtor-creditor relationships, and government regulation of business. Prerequisite: Sophomore standing.
- BUS 301 Principles of Finance.....3 cr. hrs.**
An introductory course dealing with the principles and practices of financial management within a business firm. Topics covered include financial statement analysis, capital structure, capital budgeting, working capital requirements, acquisition of funds, and an overview of capital markets. Prerequisite: ACCT 142, BUS 252, and junior standing. Offered only in the fall semester.
- BUS 322 Selling.....3 cr. hrs.**
A study of the fundamental principles of selling and an analysis of the product and the market. Other topics include career development, consumer behavior, ethics, and communication styles and skills. Prerequisite: BUS 220 or permission of the instructor. Offered only in the fall semester.
- BUS 323 Retail Merchandising.....3 cr. hrs.**
Principles and practices in retail store ownership and management:

buying, receiving, pricing, and selling; sales campaigns; inventory and stock control; customer relations; and personnel management. Prerequisite: BUS 220. Offered only in the fall semester.

BUS 324 Business Communications.....3 cr. hrs.

A course to develop skill in the techniques of writing business communications. Emphasis is on the basic principles and procedures of creating and analyzing formal business reports and letters. Presentations and group decision-making exercises are used to develop skill in oral communications. The nature and problem of individual, interpersonal, and organizational communications in business are studied. Prerequisite: Junior standing. Offered only in the spring semester.

BUS 328 Marketing Research.....3 cr. hrs.

A course dealing with the collection, interpretation, and presentation of marketing data. Emphasis is placed on survey and experimental design, the creation of survey and opinion-gathering instruments, and sales forecasting. Course requires intensive use of statistical and analytical techniques and computer software packages. Prerequisites: BUS 220, MATH 205, and junior standing. Offered only in the fall semester.

BUS 329 Consumer Behavior.....3 cr. hrs.

A study of the behavioral science concepts related to the individual and group behavior of consumer and industrial buyers. The course identifies the major factors that influence how consumers process and learn marketing information and analyzes the various techniques at the marketer's disposal for influencing consumer attitudes and behaviors. The application of buyer behavior research to marketing management is stressed. Prerequisites: BUS 220, BUS 252, and junior standing. Offered only in the spring semester.

BUS 351 Money and Banking.....3 cr. hrs.

A study of the functions of money and the relation of money and credit to prices, bank deposits, and general economic activity. Topics include the operation of the U.S. commercial and central banking systems, including monetary theory and policy. Prerequisites: BUS 251 and BUS 252. Offered only in the fall semester.

BUS 352 Managerial Economics.....3 cr. hrs.

Application of economic theory and methodology to business and management decision making, using economic analysis to explain and solve managerial problems. Prerequisites: BUS 251, 252, and Math 205. Offered only in the spring semester of odd-numbered years.

BUS 361 Management3 cr. hrs.

An analysis of underlying theory and principles of business organization and management. Administrative functions of planning, organizing, directing, and controlling organizational activity are studied with

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the practical application of theory to actual business situations.
Prerequisite: Junior standing or permission of instructor.

BUS 380 Human Resources Management.....3 cr. hrs.

Principles and practices involved in the management of an effective work force. Topics include policies, procedures, and techniques utilized in the procurement and management of personnel. Emphasis is placed on the legal framework for personnel management. Prerequisite: BUS 361 and junior standing. Offered only in the spring semester..

BUS 382 Business Law II.....3 cr. hrs.

A continuation of Business Law I. Topics include debtor-creditor relations, agency, business organizations, government regulations, property protection, and the emerging national and international business environment. Prerequisite: BUS 281. Offered only in the spring semester.

BUS 390 Risk and Insurance.....3 cr. hrs.

A study of risk and insurance as applied to the handling of perils and hazards. Topics include various fields of insurance such as fire, property, casualty, auto, fidelity, life, and social insurance. Prerequisites: BUS 382 and junior standing.

BUS 409 Principles of Real Estate.....3 cr. hrs.

A basic course surveying real estate principles and practices that are involved in the ownership and transfer of real property. Covers topics such as contracts, deeds, liens, leases, title search, insurance, financing, appraisal, law, property management, etc.
Prerequisite: Junior standing.

BUS 420 Marketing Management.....3 cr. hrs.

A capstone course in the marketing emphasis. Focus is on developing the strategic manager in the comprehensive marketing field. Addresses overall strategies in a dramatically changing market place. Applies knowledge from previous coursework to problems faced by marketing managers in private, public, and not-for-profit organizations. Prerequisites: BUS 221, BUS 322, BUS 323, BUS 328, and BUS 329. Offered only in the spring semester.

BUS 425 Entrepreneurship.....3 cr. hrs.

A study of how to start a new enterprise and an examination of the requirements for its successful operation. The course focuses on the unique properties associated with planning, organizing, initiating, and managing an innovative venture. Prerequisites: ACCT 142, BUS 220, BUS 301, BUS 361. Offered only in the fall semester.

BUS 451 International Economics.....3 cr. hrs.

A course examining the application of economic theory to various con-

temporary international economic issues. Course content is divided into international trade theory and issues, such as comparative advantage and industry protectionism, and international finance theory and problems, such as the forces behind foreign exchange markets and the U.S. trade deficit. A succinct presentation of basic economic concepts is combined with pertinent readings on current problems. Prerequisites: BUS 251 and 252. Offered in the spring semester of even-numbered years.

BUS 499 Business Internship.....3 cr. hrs.

Faculty-directed, supervised business-related employment experience in an off-campus work situation or voluntary service activity. Regular conferences are held with a designated faculty coordinator, and periodic written reports are required. Available to seniors in the major who are recommended by the Department of Business faculty and approved by the department chair prior to enrollment in the course.

CHEMISTRY

CHEM 101-102 General Chemistry.....4 cr. hrs. ea.

This course emphasizes the foundational concepts--principles, theories, laws--of chemistry. The intent of the laboratory is to provide opportunities for the student to further interact with these topics in the problem-solving setting of data collection and treatment. Three hours of lecture and one three-hour laboratory per week. CHEM 101 should precede CHEM 102. Co-requisite: eligibility to take MATH 130

CHEM 215 Aquatic Chemistry.....4 cr. hrs.

This is a study of the applications of chemical concepts and techniques related to aquatic environments. The dynamics of chemical equilibria in natural and polluted waters are included. Three hours of lecture and one three-hour laboratory per week. Prerequisites: CHEM 101, 102.

CHEM 275-276 Organic Chemistry4 cr. hrs. ea.

This course includes a systematic study of the various aliphatic and aromatic hydrocarbons and their derivatives with emphasis on modern theories of structure and reactivity. The laboratory includes the synthesis, purification, and identification of organic compounds. Students are introduced to the use of polarimetry, gas chromatography, and infrared spectroscopy in the laboratory. Three hours of lecture and one three-hour laboratory per week. CHEM 275 is offered only in the fall semester and 276 is offered only the spring semester. Prerequisite: CHEM 101

CHEM 325 Introduction to Biochemistry4 cr. hrs.

This course is a study of the behavior of organic molecules which are significant in biological systems; structure-property relationships within the biochemical system are emphasized. Topics in biotechnology are

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included in both the lecture and laboratory. Three hours of lecture and one three-hour laboratory per week. Prerequisite: CHEM 275

CHEM 335 Physical Chemistry.....4 cr. hrs.

This is a study of the physical properties of matter and the laws of chemical interaction. This course will include chemical thermodynamics, physical and chemical equilibrium, electrochemistry and reaction kinetics. Three hours of lecture and one three-hour laboratory per week. Prerequisite: CHEM 102, MATH 133, and PHY 101 or 203

CHEM 460 Chemical Analysis.....4 cr. hrs.

This is a study of analytical methods, using conventional and contemporary approaches. Systems studied will often include current environmental issues. Three hours of lecture and one three-hour laboratory per week. Prerequisite: CHEM 102, MATH 133

SCIENCE 491 Seminar.....1 cr. hr.

This is a faculty directed study of a selected topic resulting in oral and written reports. Prerequisites: Approval of Advisor, Departmental Chairperson, and Instructor.

SCIENCE 492 Directed Research.....2 cr. hrs.

This is faculty directed laboratory study requiring two three-hour labs per week on a selected topic culminating in oral and written reports. Prerequisites: Approval of Advisor, Departmental Chairperson, and Instructor

SCIENCE 493 Cooperative Internship.....1-3 cr. hrs.

This is a faculty supervised science related work experience in an off-campus situation. One credit hour will be awarded per 50 work hours. The internship requires oral and written reports. Prerequisites: Approval of Advisor, Departmental Chairperson, and Company. See the Science Departmental Internship Agreement Manual for information and details.

COMMUNICATIONS

COMM 210 Voice and Diction.....3 cr. hrs.

The development of a pleasing and effective voice; improvement of articulation; phonetics. Prerequisite: ENGL 101 and 102.

COMM 211 Public Speaking.....3 cr. hrs

The preparation, organization, and delivery of various types of speeches in a variety of speech situations.

COMM 161 Drama Appreciation.....3 cr. hrs.

This course involves a study of the development of drama, play analy-

sis, types of theatrical production, acting theories and exercises, and a comparison of the stage with other forms of dramatic media.

CRIMINAL JUSTICE

CJ 101 Introduction to Criminal Justice.....3 cr. hrs.

An introduction to the basic concepts, theories and methodology in criminology and criminal justice. Topics include the central ideas of crime and criminology, classical and modern theories of criminal behavior and their social policy implications, crime typologies. Additionally, the major components of the criminal justice system are also examined, including the structure and operation of the police, courts and corrections, and the relationship among the various components of the criminal justice system and community agencies.

EARTH SCIENCE

(See Physics)

ECONOMICS

(See Business)

EDUCATION

EDUC 201 Introduction to Teaching.....2 cr. hrs.

Initial course for students who think they want to enroll in the teacher education program. Emphasis placed on process of fulfilling conditions for admission to the program and for completing requirements for a North Carolina teaching license. Includes specific field-based observations/tutoring experience. Prerequisite: Sophomore status or above

EDUC 301 Introduction to Special Education.....3 cr. hrs.

A survey course designed to give prospective classroom teachers a basic understanding of all types of exceptionalities; opportunities will be provided through the field work component of this course to observe children with exceptionalities in regular classroom situations as well as in self-contained rooms. Prerequisite: EDUC 201

EDUC 303 Analysis of Research in Teaching.....3 cr. hrs.

A course that requires students to examine curriculum and teaching methods which are research-based. Major emphasis will be placed on research-based practices that improve student outcomes and enhance classroom management. Cooperative learning, outcome-based education, effective teaching, learning styles, and other components of effective schools research will be included in this course. Prerequisite: EDUC 201

EDUC 305 Children’s Literature3 cr. hrs.
A study of types of reading material for elementary students.

EDUC 307 Teaching Reading in the Elementary School.....3 cr. hrs.
A study of the basic processes by which children learn to read. Factors such as readiness, vocabulary development, word attack and other initial skills will be emphasized. Students will examine various research studies on a variety of approaches to teaching reading, including phonics and whole language. Field-based observations and practice will be included in this course. Prerequisite: EDUC 201; Admission to Teacher Education

EDUC 320 Foundations of American Education2 cr. hrs.
A study of the social, political, historical, and philosophical foundations of American education. Students will analyze today’s educational practices and determine why and how these practices emerged. Students will begin to develop their own vision for educational practices based upon their study of the historical and philosophical foundations of American education. Students must also serve as a tutor/mentor for one student in the public schools. Prerequisite: EDUC 201; Admission to Teacher Education (spring semester).

**EDUC 330 Methods and Materials for Teaching Fine Arts
in the Elementary School3 cr. hrs.**
An integrated course designed to meet the competencies for elementary classroom teachers in visual art, music and drama. Methods for teaching these skills to elementary students will be emphasized in this course. *Includes field-based observations.* Prerequisite: EDUC 201; Admission to Teacher Education (Spring semester)

EDUC 371 Media and Technology3 cr. hrs.
A course designed to give students the skills needed to use computers and other audio visual materials in classroom settings. Emphasis will be placed on selecting appropriate computer software and other learning media. Prerequisite: EDUC 201; Admission to Teacher Education (Spring semester); IS 101.

**EDUC 401 Methods and Materials for Teaching Exceptional
Children in the Inclusionary Classroom.....3 cr. hrs.**
This course is required of all elementary education majors. It is designed to give them the skills they will need to plan and implement teaching strategies for special needs students in the regular classroom. Includes field-based work, development of multi-media teaching materials suitable for use with special needs students, assessment and diagnostic skills, etc.

EDUC 403 Classroom Management.....3 cr. hrs.

A study of practices and techniques of developing and maintaining a positive classroom environment. Emphasis will be placed on student motivation, research-based programs on classroom management, student-teacher interaction, etc. Students should take this course the semester prior to student teaching. Prerequisite: Admission to student teaching program

EDUC 407 Effective Teacher Training.....2 cr. hrs.

This is a two-semester hour concentrated block course required of all teacher education majors. The course content is based on the North Carolina Effective Teacher Training program. It includes topics dealing with classroom management, learning styles, time-on-task, constructivism, teaching thinking skills and authentic assessment; also includes speaking/writing lab. Prerequisite: Admission to student teaching

EDUC 410 Reading in the Content Areas.....2 cr. hrs.

A course required for all students seeking middle school or secondary certification. A variety of strategies and resources designed to help students effectively read textbooks and other technical materials will be included. Prerequisite: EDUC 201; Admission to Teacher Education

EDUC 411 Early Childhood Learning Environments.....6 cr.. hrs.

A non-licensure class which includes a study of theory, developmentally appropriate techniques, and resource materials for use in pre-kindergarten and kindergarten classrooms. Emphasis is placed upon ensuring that students understand the competencies necessary for acquisition by students at the pre-kindergarten and kindergarten levels. Extensive observations in early childhood settings are included in the course. Offered in fall semester only. Prerequisites: Senior status and completion of EDUC 201, 301, 305, 307, 320, 330, 371, and 403; primarily for students enrolled in the B.A.S. program.

EDUC 415 Internship in Early Childhood Education.....5-8 cr. hrs.

This is a 150-240 clock-hour internship designed for students enrolled in the Bachelor of Applied Science in Education degree program. This is a "hands-on" learning experience in early childhood education. Students will be assigned to work with experienced kindergarten, pre-kindergarten, and/or day-care teachers and supervised by a college instructor and the cooperating teacher. Prerequisites: Senior status, and enrollment in the B.A.S. in Education

EDUC 416 Seminar in Early Childhood Education.....1 cr. hr.

Scheduled seminars during the period of the field internship conducted by college supervisors. Emphasis will be placed upon the creation and use of current developmentally appropriate practices in early childhood

programs, student management techniques, and the responsibilities required of adults who work with young children. Prerequisites: Senior status, and enrollment in EDUC 415.

EDUC 420 Directed Student Teaching9 cr. hrs.

A planned student teaching experience of twelve (12) full weeks at the appropriate grade level or specific discipline area in which the student is seeking teacher certification. Students are given opportunities to become acquainted with all types of teaching duties and to observe the methods and techniques employed by experienced teachers. Students gradually assume full-time teaching responsibilities. Periodic conferences with the college supervisor and the classroom cooperating teacher are included. Prerequisite: Approval by Teacher Education Committee

EDUC 421 Seminar in Student Teaching.....1 cr. hrs.

Scheduled seminars during the period of student teaching conducted by college supervisors. Emphasis is placed on current developments in school law, student management, decision-making skills, teacher certification, and lesson plans. Prerequisite: Admission to Student Teaching

**EDUC 431 Methods and Materials for Teaching
High School English3 cr. hrs.**

A study of teaching techniques and resource materials for teaching English in secondary schools. Emphasis will be placed on ensuring that students understand the competencies high school students need to acquire in their English courses. Teaching reading, literature, grammar, speech and written expression will be included. *Includes extensive field-based work.* Prerequisite: Admission to Teacher Education Department (Fall semester)

**EDUC 451 Methods and Materials for Teaching
High School Math.....3 cr. hrs.**

A study of teaching techniques and resource materials for teaching math in the secondary schools. Emphasis will be placed on ensuring that students understand the competencies high school students are expected to acquire. *Includes extensive field-based work.* Prerequisite: Admission to Teacher Education Department.

EDUC 461 Integrating the Elementary Curriculum.....9 cr. hrs.

An extended block of nine hours designed to give prospective elementary teachers the knowledge and skills needed to teach the elementary core subjects of communication skills, social studies, math, and science in an integrated fashion. This course will be taught by a team of regular college professors and selected elementary classroom teachers. *Extensive field-based work included.* Offered fall semester only. Prerequisites: All courses needed for certification other than EDUC 401, 403, 420, and 421.

ENGLISH

- ENGL 101 Composition.....3 cr. hrs.**
 A course in expository writing designed to develop writing skills necessary for competent academic work on the college level. The course is required of all students, and is a prerequisite to all other English courses. Placement in the course is determined by the English Department.
- ENGL 102 Composition and Introduction to Literature.....3 cr. hrs.**
 A writing course focusing on the literary genres, poetry, drama, and fiction, and introducing research skills. This course is required of all students, and is a prerequisite to all higher English courses. Prerequisite: English 101.
- ENGL 161 Appreciation of Film3 cr. hrs.**
 An introduction to motion pictures as instruments of art and popular culture. The course involves viewing, discussing, and studying selected films with examination of their individual significance, role in the development of film and/or film genres, and place in American and, as applicable, other cultures.
- ENGL 201 Survey of British Literature to 18003 cr. hrs.**
 A study of the major writers in England from the Anglo-Saxon period through the 18th century. Prerequisite: English 101 and 102.
- ENGL 202 Survey of British Literature Since 1800.....3 cr. hrs.**
 A study of the major writers in England from 1800 to the present. Prerequisite: English 101 and 102.
- ENGL 203 Survey of American Literature to 1865.....3 cr. hrs.**
 A study of the major American writers from the Colonial period to the Civil War. Prerequisite: English 101 and 102.
- ENGL 204 Survey of American Literature Since 18653 cr. hrs.**
 A study of the major American writers from the Civil War to the present. Prerequisite: English 101 and 102.
- ENGL 205 Survey of Ancient World Literature3 cr. hrs.**
 A study of selected classical writers. Prerequisite: English 101 and 102.
- ENGL 206 Survey of Modern World Literature3 cr. hrs.**
 A study of selected non-English or American writers from modern times. Prerequisite: English 101 and 102.

NOTE: A student must complete the 9 hours of the core English requirements or get the approval of the division head before taking upper-level courses in English.

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- ENGL 301 Introduction to Literary Studies.....3 cr. hrs.**
A course in bibliography, research, critical approaches to literature, and trends in scholarship. This course is required of all English majors, and must be taken as soon after completion of the 200-level survey course as possible (normally in the student's fourth semester). It is offered in the spring semester only. Prerequisites: English 101, 102, and one 200-level literary survey course.
- ENGL 302 Creative Writing.....3 cr. hrs.**
A course in writing short stories, personal sketches, and poetry. Prerequisites: English 101, 102, and one 200-level literary survey course.
- ENGL 305 Young Adult Literature.....3 cr. hrs.**
A study of fiction generally regarded as having a young audience. Prerequisites: English 101, 102, and one 200-level literacy course. Offered every other fall semester.
- ENGL 310 History of the English Language.....3 cr. hrs.**
A study of the evolution of the language. Offered every other fall semester. Prerequisites: English 101, 102, and one 200-level literary survey course.
- ENGL 311 Advanced Composition3 cr. hrs.**
A study to develop writing style. Offered every other fall semester. Prerequisites: English 101, 102, and one 200-level literary course.
- ENGL 312 Advanced Grammar3 cr. hrs.**
A study of both traditional and contemporary approaches to the English language. Offered every other fall semester. Prerequisites: English 101, 102, and one 200-level literary course.
- ENGL 320 Medieval Literature.....3 cr. hrs.**
A study of British literature to 1500. Prerequisites: English 101, 102, and one 200-level literary course.
- ENGL 330 Renaissance Literature.....3 cr. hrs.**
A study of British poetry, prose, and non-Shakespearean drama from 1500 to 1660. Prerequisites: English 101, 102, and one 200-level literary course.
- ENGL 340 Restoration and 18th Century Literature3 cr. hrs.**
A study of the poetry, prose, and drama in England from 1660 to 1798. Prerequisites: English 101, 102, and one 200-level literary course.
- ENGL 350 Romantic Literature.....3 cr. hrs.**
A study of the poetry and prose in England from 1798 to 1832. Prerequisites: English 101, 102, and one 200-level literacy course.

- ENGL 360 Victorian Literature**3 cr. hrs.
 A study of British poetry and prose from 1832 to 1900. Prerequisites:
 English 101, 102, and one 200-level literary survey course.
- ENGL 370 20th Century British Literature**3 cr. hrs.
 A study of modern British poetry, fiction, and drama. Prerequisites:
 English 101, 102, and one 200-level literary survey course.
- ENGL 380 American Literature to 1914**.....3 cr. hrs.
 A study of American poetry, fiction, and drama in this period.
 Prerequisites: English 101, 102, and one 200-level literary survey course.
- ENGL 390 American Literature Since 1914**3 cr. hrs.
 A study of modern American poetry, fiction, and drama. Prerequisites:
 English 101, 102, and one 200-level literary survey course.
- ENGL 410 Shakespeare**3 cr. hrs.
 A study of selected poems and plays. Prerequisites: English 101, 102,
 and one 200-level literary survey course.
- ENGL 420 Short Fiction**.....3 cr. hrs.
 A study of the development of the short story. Prerequisites: English
 101, 102, and one 200-level literary survey course.
- ENGL 430 Fiction**.....3 cr. hrs.
 A study of the genre by period, theme, or technique. Prerequisites:
 English 101, 102, and one 200-level literary survey course.
- ENGL 440 Poetry**.....3 cr. hrs.
 A study of the genre by period, theme, or technique. Prerequisites:
 English 101, 102, and one 200-level literary survey course.
- ENGL 450 Drama**3 cr. hrs.
 A study of the genre by period, theme, or technique. Prerequisites:
 English 101, 102, and one 200-level literary survey course.
- ENGL 460 Authors**.....3 cr. hrs.
 A study focusing on an individual writer. Prerequisites: English 101,
 102, and one 200-level literary survey course.
- ENGL 470 Special Topics**.....3 cr. hrs.
 A course intended to meet non-traditional demands or to satisfy specific
 student interests. Prerequisite: Senior status English major
- ENGL 490 English Internship**1–3 cr. hrs.
 Professional work experience related to the field of English, approved
 by the members of the English Division and supervised by a member of
 the English faculty. Internships may involve work for either local business
 and industry, as with a newspaper or public relations office, or for

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the English Division, assisting with departmental matters—research, book orders for the library, press releases, etc.

ENGL 399/499 Independent Study.....1-3 cr. hrs.

A study designed jointly by the student and a guiding professor on topics supplementing the regular curriculum. Must be approved by the department chair.

FRENCH

FREN 101-102 Elementary French.....3 hrs. ea.

For those with no previous study of the language. Fundamentals of grammar. Training in pronunciation. Essential vocabulary. Short compositions. Elementary readings during the second semester. One lab period per week. Co-requisite: ENGL 101

FREN 201-202 Intermediate French.....3 hrs. ea.

Review of grammar. Advanced study of idiomatic constructions and vocabulary use. Readings. Basic composition technique. One lab period per week. Prerequisite: FREN 101-102 or two years of high school French and placement examination.

FREN 203-204 Intermediate Composition and Conversation.....3 cr. hrs. ea.

Practice in a variety of areas as business and social correspondence based upon literature. Emphasis on practical, everyday use of spoken French. Prerequisite: French 202 or placement score.

FREN 301-302 Survey of French Literature.....3 cr. hrs.

A study of selected poetry, prose and theatre from the Middle Ages to the present with emphasis on literary analysis and critical approaches. Lectures, discussions, and reports in French. Prerequisite: FREN 202 or equivalent.

GEOGRAPHY

GEOG 151 Introduction to Geography3 cr. hrs.

This is an introduction to the physical and human geography of the earth using a thematic approach. The evolution of geographical analysis and the technology of map use; the geological and meteorological processes that shape man's habitat; the social and cultural forces of demographics, diffusion, and migrations; the political and economic forces of international commerce, industrialization, and food production and distribution are a sampling of the themes introduced. This is recommended as the basic course in the field of geography. Offered during the spring semester of even-numbered years.

GEOG 201 World Geography: Developed Regions3 cr. hrs.

This is a survey of the geography of the developed regions of the world: Anglo-America, Europe, Russia, and the emerging Pacific Rim region of Japan, Australia, New Zealand, South Korea, Taiwan, Singapore, Hong King, and Shenzhen. The physical and cultural environment in a spatial and temporal context will be analyzed in connection with the development processes, as well as the unique problems associated with these processes. This is recommended as a liberal arts course designed to facilitate a more informed understanding of current world issues. Offered during the fall semester of even-numbered years.

GEOG 202 World Geography: Less Developed Regions3 cr. hrs.

This is a survey of the geography of the less developed regions of the world: Latin America, North Africa-Southwest Asia, Subsaharan Africa, South Asia, the Chinese realm, and Southeast Asia. The physical and cultural environment in a spatial and temporal context will be analyzed in connection with the lack of and/or potential for development. This is recommended as a liberal arts course designed to facilitate a more informed understanding of current world issues. Offered during the spring semester of odd-numbered years.

GOVERNMENT

GOVT 108 Government3 cr. hrs.

This is an introduction to the basic principles, organization, and functions of American national government. A brief view is also taken of state governments.

GRAPHIC COMMUNICATIONS

GC 101 Introduction to Graphic Communications3 cr. hrs.

An introductory course that will explore the major printing processes, layout and design principles, desktop publishing applications, digital imaging and capture devices, and career opportunities. Areas of study will include printing process differences, image assembly, reproduction photography, offset lithography, flexography, screen printing and bindery. Offered in the fall and spring semester.

GC 111 Digital Imaging Technology I.....3 cr. hrs.

Basic orientation and operations of the desktop computing, troubleshooting of operating system, and peripheral devices. Areas of study will include desktop operation, organization and management of files, working with Network applications, basic scanning and image manipulation techniques using Adobe Photoshop, digital layout and design using QuarkXPress, and Microsoft Word applications. Offered in the fall and spring semesters.

- GC 112 Digital Imaging Technology II3 cr. hrs.**
Advanced study in computer graphics applications in image generation, image capture, and image manipulation, digital film output, and proofing systems. Emphasis will be placed on students demonstrating competence in the following areas: use of flatbed and drum scanner operations producing line, black and white continuous tone, and color images using Adobe Photoshop; calibration of scanners & monitors; digital layout of brochures, advertising, newspaper design & layout, posters, and other printed applications using QuarkXPress and Adobe Illustrator. Prerequisite: GC 111
- GC 133 Offset Printing Operations3 cr. hrs.**
A practical course in operation and maintenance of offset lithographic presses with emphasis on: types of offset presses, characteristics of fountain solutions, feeding, dampening, inking, and delivery systems. Students will demonstrate competence in setup, register, ink/water balance and press work on single and multi-color presses. Students will also demonstrate calibration and analysis of offset plates, exposure devices, printed color bars with quality control instruments, establish tonal ranges for offset presses, and preventive maintenance procedures. Prerequisite: GC 101 or consent of instructor.
- GC 214 Digital Color Imaging & Reproduction3 cr. hrs.**
Advanced course of study in color theory with practical applications in analyzing color originals, procedures and techniques for color correction, color flatbed and drum scanning operations, color calibration devices and quality control tools will be used to control color reproduction using International Standards Organization color standards. Students will demonstrate competency in color control techniques, calibration tools and devices, including processor calibration, imagesetter calibration, and color proofing systems. Prerequisite: GC 112
- GC 223 Technical/Digital Photography3 cr. hrs.**
An introductory course in color and digital photography. Emphasis will be placed on proper exposure, lighting techniques, interrelationship of f-stop and shutter speeds, image composition, special effects techniques, digital storage and manipulation software. Students will demonstrate competence with a 35mm single-lens reflex and digital cameras. Prerequisite: GC 111
- GC 233 Offset Printing Applications3 cr. hrs.**
An advanced course in offset printing with direct application to the theory, application, and control of multi-color and four-color process work. Students will demonstrate competence in maintaining uniform color, determining standards, evaluation of press sheets, with quality control targets, densitometry, and spectrophotometer devices to industry standards. Prerequisite: GC 133; Co-requisite GC 214 or consent of instructor

- GC 251 World Wide Web Page Design3 cr. hrs.**
Hands-on introduction to the world wide web page design that will emphasize how to prepare graphics and media for Web-based delivery. Emphasis will be placed on students understanding and demonstrating HTML (Hyper text markup language), Adobe PageMill, QuarkImmedia, cross-platform authoring, color space, index color palettes, hexademical code, imagemaps, links, and patterned backgrounds using image manipulation software, and critiquing student designs and visiting Web sites and discuss what works and what doesn't work, and why. Prerequisite: GC 111, or consent of instructor
- GC 253 Image Assembly & Digital Preflight Analysis3 cr. hrs.**
An in depth study of conventional and digital image assembly principles, techniques, and skill development. Students will demonstrate competent use of conventional tools, materials, stripping methods, proofing, and platemaking, and assembly multicolor and process work to industry standards. Students will transfer the skills and knowledge of conventional image assembly to computer image assembly through computer application software. Emphasis will be placed on image assembly for offset lithography (sheetfed and web), flexography, and screen printing. Also, analysis of digital files for proper file format, trapping issues, typography & font issues, proper proportion, color issues, and resolution of images. Prerequisite: GC 111, GC 112, GC 214 or consent of instructor. Offered only in the fall semester.
- GC 300 Special Topics in Printing, Imaging,
Multimedia Technology1-3 cr. hrs.**
Designed for the GC major who has a desire to research and study at a level above or separate from the current course of study offered. The student will meet with the instructor on a regular basis in order to determine if objectives and learning outcomes are being meet. The student will have the opportunity to involve his/herself in the Technical Association of Graphic Arts (TAGA) as a student member in this international organization and refer to TAGA research as guidelines for objectives and format. Prerequisite: Approval of Advisor, Departmental Chairperson, and Instructor. Offered in the fall and spring semesters. A junior level course
- GC 332 Flexography and Screen Printing Applications3 cr. hrs.**
This course is an in-depth study of the operations, processes, and applications for printing and converting in package, label, and screen printing industries. Students will demonstrate image preparation, platemaking and stencil preparation, analysis of plates, stencils and exposure devices, mounting, basic flexography/screen printing press operation, registration of image, and control of ink densities and establishing tonal ranges on a variety of substrates. Prerequisite: GC 101, GC 214 or consent of instructor

GC 333 Packaging Design & Printing Applications3 cr. hrs.

An advanced course in flexography and offset lithography in design, printing, folding, cutting/trimming, die-cutting of packaging products. Emphasis will be placed on troubleshooting press problems, color control and measurement on multi-color and color process work .

Prerequisite: GC 233, GC 332 or consent of instructor

GC 351 Interactive MultiMedia Applications3 cr. hrs.

A course designed to give a basic theory, and applications in multimedia, interactive learning/training design concepts, software and hardware issues, tools and procedural guidelines for developing multimedia presentations and interactive authoring systems. Emphasis will be placed on students collaborating in small teams, learning the process of multimedia creation by brainstorming about multimedia projects and then translating their ideas into working multimedia designs.

Prerequisite: GC 214, GC 223, or consent of instructor

**GC 400 Special Topics in Printing, Imaging,
Multimedia Technology3 cr. hrs.**

Designed for the GC major who has a desire to research and study at a level above or separate from the current course of study offered. The student will meet with the instructor on a regular basis in order to determine if objectives and learning outcomes are being met. The student will have the opportunity to involve his/herself in the Technical Association of Graphic Arts (TAGA) as a student member in this international organization and refer to TAGAs research as guidelines for objectives and format. Prerequisite: Approval of Advisor, Departmental Chairperson, and Instructor. Offered in the fall and spring semesters. A senior level course.

GC 442 Current Trends, Quality & Ethical Issues.....3 cr. hrs.

A senior level course of study that will focus on current trends, quality issues, and ethics in the printing, publishing, and multimedia industry. Students will research current technologies, quality issues on statistical process control techniques and analyzing data, the importance of working in teams to solve problems or improve processes. This course will emphasize writing, applying critical thinking and problem solving skills, career and portfolio development will be key features for this course. Prerequisite: GC 214, GC 233, GC 332, GC 451 or consent of instructor

GC 443 Printing Estimating & Production Planning3 cr. hrs.

A senior level course providing a systematic and analytical approach to achieving an efficient production system in all areas of printing. A study of printing production standards, budget hourly rates, return on investment, estimating, scheduling, and job planning. Prerequisite: GC 214, GC 233, GC 332, GC 451 or consent of instructor

GC 451 Internship.....8-10 cr. hrs.

A twelve (12) week planned internship mutually developed by the instructor, student, and supervisor by the hiring company. The internship is designed to enhance and reinforce the technical skills, and knowledge acquired by the student and apply those skills in the workplace environment. The instructor must submit the internship plan to the chairperson of GC for approval prior to a student entering into an internship agreement. The student should plan for the internship either during his/her junior and senior summer or take the internship two (2) consecutive summers (i.e, sophomore/junior and junior/senior) for 4 credit hours each. Students can intern during the Fall/Spring semester for fifteen weeks (15) and receive a maximum of 10 credit hours.

Prerequisite: Departmental Chairperson's approval and GC 233, GC 214

HISTORY

BASIC COURSES

HIST 101 World Civilizations to 15003 cr. hrs.

A survey of the birth and diffusion of world civilizations from pre-history to 1500, with attention to major cultural, social, economic, and political trends within each civilization. The emergence of European civilization is set within a larger framework of civilizations in Africa, Asia, and Latin America, and interactions between or among civilizations are stressed.

HIST 102 World Civilizations since 1500.....3 cr. hrs.

A survey of world civilizations from 1500 to the present, with attention to major cultural, social, economic, and political trends. Emphasis is given the interaction between an expanding European civilization and non-Western civilizations in Africa, Asia, and Latin America.

HIST 201 United State History to 1865.....3 cr. hrs.

This is a survey of American history from the period of exploration and colonization through the Civil War. Emphasis is placed on the political, economic, social, and cultural developments.

HIST 202 United States History since 18653 cr. hrs.

This is a survey of American history from the Civil War to the present. Emphasis is placed on the political, economic, social, and cultural developments.

ADVANCED AMERICAN COURSES

HIST 300 Colonial American.....3 cr. hrs.

Beginning with those developments in Europe which prompted overseas exploration and colonization, this course goes on to study the estab-

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lishment of the English mainland colonies of North America and the evolution of their political, economic, religious, and cultural institutions down to the era of the American Revolution. Prerequisite: HIST 201 or approval of the professor.

HIST 305 The American Struggle for Independence3 cr. hrs.

A study of the development of the independence movement in the English American colonies; the political, military, and diplomatic initiatives utilized in winning independence; the problem of building a new nation as a union of states; the making and ratification of the Federal Constitution; the implementation of the new government and the rise of political parties; and the effort to maintain independence and secure the rights of a neutral nation in a world at war. Prerequisite: HIST 201 or approval of the professor.

HIST 310 The Age of Jefferson and Jackson3 cr. hrs.

The political, constitutional, social, and economic history of the United States from the election of Jefferson to 1848. Prerequisite: HIST 201 or approval of the professor.

HIST 315 The Civil War and Reconstruction.....3 cr. hrs.

A detailed study of the rise of sectionalism and events of the American Civil War and Reconstruction. Prerequisite: HIST 201 and 202 or approval of the professor.

HIST 320 The Birth of Modern America.....3 cr. hrs.

A survey of the transformation of American society under the impact of industrialization and urbanization. It examines how business leaders, workers, farmers, and the middle class attempted to shape the new industrial society to their own purposes. Emphasis is given to social, intellectual, and cultural experiences and to politics. Prerequisite: HIST 202 or approval of the professor.

HIST 325 The Age of Franklin Roosevelt3 cr. hrs.

The study of the United States during and between the World Wars. Emphasis is given to the First World War, the politics and society of the 1920s, the Great Depression, the New Deal, and the impact of the Second World War. Prerequisite: HIST 202 or approval of the professor.

HIST 330 Postwar America3 cr. hrs.

An examination of the history of the United States from the Truman presidency to the present. Prerequisite: HIST 202 or approval of the professor.

HIST 350 North Carolina History.....3 cr. hrs.

This is a survey of the political, economic, social, and cultural development of North Carolina from its settlement to the present. It is recommended that all education majors take this course for credit. Prerequisite: HIST 201 and 202 or approval of the professor.

HIST 400 Diplomatic History of the United States3 cr. hrs.

A survey of American diplomatic history from the Declaration of Independence through the end of the Cold War, with special emphasis on significant personalities and pivotal episodes in the diplomatic relations between the United States and foreign nations. Prerequisite: HIST 201 and 202 or approval of the professor.

HIST 405 War and American Society3 cr. hrs.

A history of American wars from the American revolution to the Persian Gulf War. This course will not only study diplomacy and military strategies, but the contributions of women and African-Americans in war and how each conflict affected the culture of domestic American society. Prerequisite: HIST 201 and 202 or approval of the professor.

HIST 410 History of the South.....3 cr. hrs.

A study of those aspects of the southern experience which have made the South a unique region from its early settlement to the present. Emphasis is given to race relations, industrial growth of the region, and the roots of the contemporary South. Prerequisite: HIST 201 and 202 or approval of the professor.

HIST 420 Women in American History.....3 cr. hrs.

An exploration of the variety of women's experience in American history and of the role of women in the nation's social, economic, political, and cultural development. Prerequisite: HIST 201 and 202 or approval of the professor.

HIST 430 African American History3 cr. hrs.

A survey of African-American history from African origins to the rise of African-Americans in modern politics. Emphasis will focus not only on American slavery but on the role of African-Americans in the American west, the military, Harlem Renaissance and civil rights movement. Discussions on race and African-American culture will be encouraged. It is recommended that all education majors take this course for credit. Prerequisite: HIST 201 and 202 or approval of the professor.

ADVANCED EUROPEAN COURSES

HIST 360 French Revolution and the Napoleonic Era3 cr. hrs.

Spanning from 1750 through 1815, this course will discuss the impact of the French Revolution and the rise of Napoleon on the idea of monarchy, modern science and culture, the military, and international relations. Prerequisite: HIST 102 or approval of the professor.

HIST 365 Nineteenth Century Europe.....3 cr. hrs.

An examination of socio-political, cultural and geographic changes in Europe over the century. Subjects will include the age of revolution,

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German and Italian unification, liberalism and nationalism, and European arbitrationism and imperialism. Prerequisite: HIST 102 or approval of the professor.

HIST 370 Europe and the World Wars3 cr. hrs.

This course will look at the cause and effect of the First and Second World Wars on Europe, as well as the interwar years. European alliances, diplomacy, and military strategies will be the main emphasis of this course, along with fascism, the Holocaust, and the cultural revolutions of the period. Prerequisite: HIST 102 or approval of the professor.

HIST 375 Europe: Cold War - Detente - Realignment.....3 cr.. hrs.

European history since 1945 will be examined in the context of bi-polar relations and iron curtain politics. Special focus will be on the history of modern Germany, Eastern Europe, cold war espionage, and European involvement in third world politics. Prerequisite: HIST 102 or approval of the professor

HIST 440 British History since 1800.....3 cr. hrs.

A study of the socio-political and diplomatic changes within the United Kingdom since the Victorian age. Topics include Victorian culture, British imperialism, the Irish question, the age of Churchill, Britain and the Cold War, and the Thatcher-Major era. Prerequisite: HIST 102 or approval of the professor.

HIST 445 Russian History.....3 cr. hrs.

A survey covering the origins of the Russian empire, but focusing on the history since 1881. Subjects will include the reigns of Peter and Catherine the Great, the rise of Communist ideology, the Russian Revolution and the rise of the Soviet Union, the era of Stalinism, Soviet diplomacy, detente, Gorbachev and Yeltsin. Prerequisite: HIST 102 or approval of the professor.

SPECIAL COURSES

HIST 250 Special Topics.....3 cr. hrs.

This course will explore the history of current political, social, economic or cultural issues. This course is open to all students.

HIST 470 History of Non-Western Civilizations.....3 cr. hrs.

A study of the traditions, attempts at modernization in the nineteenth century, and the contemporary scene in Asia and Africa. Prerequisite: HIST 101 and 102 or approval of the professor.

HIST 480 Practicum in Public History.....3 cr. hrs.

This course is a combination of the study of the operation and problems of historic agencies, problems of preservation and exhibition, archives management, historic sites, and the techniques and processes of public

history with a practicum in area museums, historic sites, archival and manuscripts agencies, and other institutions that employ public historians. Prerequisite: HIST 201 and 202 or the approval of the professor.

HIST 495 History Writing Seminar.....3 cr. hrs.

Open only to students pursuing a major in history and subject to the approval of the professor, this course will involve class discussions of sources, research methods, and historical interpretation leading to the writing of a major research paper.

INFORMATION SYSTEMS

IS 101 Microcomputer Concepts & Applications3 cr. hrs.

A course to introduce microcomputer concepts and develop skill in the use of software tools useful for knowledge workers. Instruction is provided in the use of spreadsheets, databases, presentation graphics, database retrieval, word processing, e-mail, Internet concepts, WWW searches, and introductory descriptive statistics.

IS 161 Personal Productivity with Integrated Information Technology.....3 cr. hrs.

A course which enables students to extend their knowledge work and improve skill in the use of integrated software application and Internet-related applications in order to improve their personal productivity. Prerequisite: IS 101

IS 264 Computer Hardware and Systems Software3 cr. hrs.

A course to introduce principles of computer hardware and systems software architecture, organization, and operation. Prerequisite: IS 101. Offered only in the fall semester.

IS 271 Business Information Systems.....3 sem. hrs.

A course to introduce systems concepts and information technology. It also provides an understanding of the decision process and how information is used for decision support by individuals and in organizations. Prerequisite: IS 101

IS 272 Structured and Object-Oriented Programming.....4 cr. hrs.

An introduction to computer programming using the C++ language. The course is to provide an understanding of classes and data types, logic constructs, file operations, object building, algorithms and program development, and program testing. Prerequisite: IS 264. Offered only in the spring semester.

IS 373 COBOL Programming.....4 cr. hrs.

A fundamental course in programming using the COBOL language. Skills to be mastered include file processing (sequential, indexed, and

direct), report generation, array processing, and documentation of programs for maintainability. Three hours lecture; three hours laboratory. Prerequisite: IS 264. Offered only in the fall semester.

IS 376 Systems Analysis and Design3 cr. hrs.

A course designed to provide an understanding of the system development and modification process and to enable students to evaluate and choose a system development methodology. It emphasizes the factors for effective communication with users and team members and all those associated with development and maintenance of the system. Prerequisite: IS 271. Offered only in the spring semester.

IS 391 Management and Decision Support Systems3 cr. hrs.

A systematic approach to the study of business organizations and the establishment of criteria for computer-based information systems for management planning and control in various types of business environments. Prerequisite: BUS 361. Offered only in the spring semester.

IS 461 Networking and Telecommunications3 cr. hrs.

A course to provide an in-depth knowledge of data communications and networking requirements, including telecommunications technologies, hardware, and software. Emphasis is upon the analysis and design of networking applications in business. Management of telecommunications networks, cost-benefit analysis and evaluation of connectivity options are also covered. Prerequisite: IS 376. Offered only in the fall semester.

IS 481 Fundamentals of Database Systems3 cr. hrs.

A course to provide an understanding of the importance of database systems in information technology. Students will develop an understanding of database structures and concepts, database design methodologies, and database management. Prerequisite: IS 376. Offered only in the fall semester.

IS 482 Applied Database Systems Analysis and Design4 cr. hrs.

An advanced database course focusing on the analysis of factors important in designing database systems from an end-user perspective and the design and implementation of a database and its application. Three hours lecture; three hours laboratory. Prerequisites: IS 481. Offered only in the spring semester.

IS 484 Project Management and Practice4 cr. hrs.

A course covering the factors necessary for successful management of system development or enhancement projects. Both technical and behavioral aspects of project management are discussed. Prerequisites: IS 376 and IS 481. Offered only in the spring semester.

MANAGEMENT
(See Business)

MARKETING
(See Business)

MATHEMATICS

MATH 095 Intermediate Algebra3 cr. hrs.

This course is intended for those students with deficiencies in algebra who are thus not prepared to enter MATH 130-131. It is mandatory for students whose score on the mathematics placement test and/or high school mathematics record indicate deficiency. Study skills are emphasized. Class meets five hours per week and the format permits self-pacing and individualization. This course counts as three hours credit toward course load and full-time student eligibility; however **THIS COURSE DOES NOT COUNT TOWARD HOURS FOR GRADUATION IN ANY PROGRAM OFFERED AT CHOWAN.** Enrollment in this course is by permission of the Department Chairperson.

MATH 130 Introduction to Algebra for College Students2 cr. hrs.

This is the first course in a two course sequence covering the topics usually covered in the standard college algebra course. Topics include: the real and complex number systems, polynomials, rational expressions, radicals, linear and quadratic functions and their graphs, linear and quadratic inequalities, and rational functions. Three hours per week. Prerequisite: High school algebra or MATH 095 or satisfactory score on the mathematics placement test.

MATH 131 Algebra for College Students2 cr. hrs.

This is the second course in a two course sequence covering the topics usually covered in college algebra. Topics include: graphing techniques, conic sections, exponential and logarithmic functions, systems of equations and inequalities, elementary matrices and determinants, the remainder and factor theorems, the rational root theorem, the binomial theorem and mathematical induction. Three hours per week. MATH 130 and 131 meet the requirements for MATH 133 College Algebra. Prerequisite: MATH 130

MATH 133 College Algebra3 cr. hrs.

Standard college algebra course for freshmen. Topics discussed are: the real and complex number systems; sets and set operations; linear, quadratic, and exponential functions; systems of equations and inequalities, elementary matrices, and determinants; mathematical induction. Three

hours per week. Prerequisite: Satisfactory score on placement test and high school algebra; one year of high school geometry highly recommended. Not open for students with credit for Math 130-131. Not open for students with credit for Math 139 or any higher level Math courses.

MATH 135 Analytic Trigonometry3 cr. hrs.

The topics discussed are: trigonometric functions, inverse Trigonometric functions, radian measure, solution of triangles and applications. Three hours per week. Prerequisite: MATH 133 and one year of high school geometry.

MATH 139 Precalculus.....5 cr. hrs.

This is an integrated course in algebra and trigonometry. The topics are: the real and complex number systems; linear; quadratic, exponential, logarithmic, trigonometric, and inverse functions; inequalities, matrices, and series. Five hours per week. Prerequisite: Two years high school algebra and at least one course in plane geometry. Students receiving credit for 133 and 135 may not take this course.

MATH 199 Special Topics1-4 cr. hrs.

MATH 201 Basic Concepts of Mathematics I.....3 cr. hrs.

A course required of prospective elementary and middle grades teachers. Topics covered include: problem solving, systems of numeration, number systems and operations and properties of whole numbers, rational numbers, decimals; estimation. Three hours per week. Prerequisite: MATH 133 or the equivalent. Offered only in the fall semester.

MATH 202 Basic Concepts of Mathematics II3 cr. hrs.

A second course in mathematics required for prospective elementary teachers. Topics covered include elementary statistics; measurement and problem solving in geometry; a study of geometric concepts and construction of simple geometric figures; elementary logical arguments. Three hours per week. Prerequisite: MATH 201 Offered only in the spring semester.

MATH 205 Introduction to Probability and Statistics3 cr. hrs.

An introductory probability and statistics course covering basic descriptive statistics and elementary techniques of inferential statistics. Prerequisite: Math 133, or equivalent.

MATH 210 Calculus I.....4 cr. hrs.

The first of three semesters of unified course in analytic geometry and calculus. The topics studied are: real number system; functions; limits and continuity; the derivative; differentiation of algebraic and trigonometric functions; applications of differentiation; antiderivatives and the

Fundamental Theorem of Calculus; numerical solutions of equations and numerical integration. Prerequisites: four years of college prep mathematics in high school or equivalent as determined by Placement Test.

MATH 211 Calculus II4 cr. hrs.

The second of three semesters of unified course in analytic geometry and calculus. The topics studied are: definite integrals; application of definite integrals; conics; transcendental functions; techniques of integration; improper integrals; indeterminate forms; infinite series; parametric equations and polar coordinates. Prerequisite: MATH 210 or appropriate AP score.

MATH 290 Foundations of Mathematics3 cr. hrs.

A study of the fundamental concepts and structural development of mathematics. Topics include: logic and methods of proof; set theory; Boolean algebra; relations and functions; the development of number systems; transfinite cardinal numbers. The topics are developed on a postulational basis. Co-requisite: Math 211.

MATH 295 Introduction to Pascal3 cr. hrs.

This course introduces students to basic programming principles. Topics included are procedures, looping, decision-making framework, parameters, and arrays. No prior knowledge of programming is necessary. A working knowledge of algebra is assumed. Two hours of lecture and one two-hour laboratory per week. Offered only on demand.

MATH 299 Special Topics1-4 cr. hrs.

MATH 301 Introduction to Number Theory3 cr. hrs.

A first course in classical number theory. Topics will be selected from among: Well-ordering principle, induction, divisibility, congruences and equivalence relations, linear and non-linear Diophantine equations, the Chinese remainder theorem, arithmetic functions, Fibonacci numbers, Fermat numbers, and continued fractions. Prerequisite: MATH 211

MATH 310 Calculus III.....4 cr. hrs.

The third of three semesters of unified course in analytic geometry and calculus. The topics studied are: vectors and three-dimensional space; vector valued functions; functions of several variables; partial differentiation; multiple integration; topics from vector analysis. Prerequisite: MATH 211

MATH 315 Elementary Differential Equations3 cr. hrs.

A first course in ordinary differential equations covering topics such as: first order and simple higher order differential equations and their application; linear differential equations and their application, solution

by series, solution by Laplace transformation and other topics. Co-requisite: MATH 310. MATH 340 recommended.

MATH 325 College Geometry3 cr. hrs.

Modern college geometry is an extension of elementary plane geometry. Topics covered include congruence, similarities, geometric constructions, theorems from Euclidean geometry relative to plane and solid geometry, and an introduction to non-Euclidean geometries. Prerequisite: MATH 210, and MATH 290.

MATH 340 Linear Algebra3 cr. hrs.

A study of vector spaces, linear maps, matrices, systems of linear equations, determinants, and eigenvalues. Three hours per week. Co-requisite - MATH 210

MATH 350 Introduction to Discrete Mathematics3 cr. hrs.

This is an introductory course in discrete mathematics. The course will include topics relative to mathematical reasoning, combinatorial analysis, discrete mathematical structures, applications and modeling, and the development and use of algorithms. Three hours per week. Prerequisite: Math 211.

MATH 351 Mathematical Probability and Statistics3 cr. hrs.

A calculus-based approach to the theory of probability and various statistical distributions. Topics include hypothesis and estimation, small sample distribution, and regression. Three hours per week. Prerequisite: Math 211.

MATH 390 Independent Study1-4 cr. hrs.

Designed to provide students an opportunity to study topics supplementing the regular curriculum. The student's course of study is designed jointly by the student and the professor guiding the investigation and must be approved by the department chair. Prerequisite: Consent of department chair.

MATH 399 Special Topics1-4 cr. hrs.

MATH 430 Introduction to Modern Algebra3 cr. hrs.

Algebra is developed from a postulation viewpoint. Topics include groups, rings, vector spaces, and fields. Three hours per week. Prerequisite: MATH 340 and MATH 290

MATH 460 History of Mathematics3 cr. hrs.

A general survey of the historical development of mathematics up to the 20th century. Three hours per week. Prerequisite: MATH 211 and MATH 290.

MATH 470 Advanced Calculus3 cr. hrs.

A study of the basic properties of the real number system, point sets,

theory of limits, ordinary and uniform continuity, differentiation, integrals, improper integrals, infinite series and regions of convergence, fundamental theorems from differential and integral calculus. Three hours per week. Prerequisite: MATH 310 and MATH 290

MATH 490 Independent Study.....1-4 cr. hrs.

Designed to provide students an opportunity to study topics supplementing the regular curriculum. The student's course of study is designed jointly by the student and the professor guiding the investigation and must be approved by the department chair. Prerequisite: Consent of department chair.

MATH 499 Special Topics1-4 cr. hrs

NOTE: Special Topics numbers are used to permit courses to be offered on an experimental basis. No course may be offered more than twice under a special topics number.

MUSIC

MUSIC LABORATORIES

MUSI 100 A/B; 200 A/B; 300 A/B; 400 A/B Applied Music Lab0 cr. hrs.

A weekly performance workshop or recital. Required of all students taking applied music. One laboratory hour per week.

MUSI 101–102 Beginning Music Theory I and II Labs.....1 cr. hr.

Introductory courses in the terminology of music, music notation, rhythm, intervals and scales. Includes practice in ear training, sight-singing and music dictation. Required of all music majors. Two laboratory hours per week. Co-requisites: MUSI 151-152

MUSI 201-202 Advanced Music Theory III and IV Labs.....1 cr. hr.

Continuation of Music 101-102, with work in clef-reading, rhythms, intervals, chords and melodies utilizing exercises from musical literature. Required of all music majors. Two laboratory hours per week. Prerequisite: MUSI 101-102; Co-requisites: MUSI 251-252

MUSIC THEORY

MUSI 151-152 Beginning Harmony I and II.....3 cr. hrs.

A beginning course in the elements of musical composition, including triads, inversions, seventh chords, non-harmonic tones, elementary modulation, keyboard harmony and short composition. Required of all music majors. Co-requisites: MUSI 101-102

MUSI 251-252 Advanced Harmony III and IV3 cr. hrs.

A continuation of Music 151-152, including chromatic harmony, advanced modulation, advanced keyboard harmony and larger compo-

sitions. Required of all music majors. Prerequisites: MUSI 151-152; Co-requisites: MUSI 201-202

MUSIC LITERATURE

MUSI 161 Music Appreciation3 cr. hrs.

An introduction to musical understanding, emphasizing elements, styles and forms. Integrated with the other arts and the humanities in general. Lectures, listening and concerts.

MUSI 171 Introduction to Music Literature2 cr. hrs.

A course designed to acquaint the music major with representative examples of the types, forms and styles of music from the tradition of Western Civilization. Emphasis is placed on good listening habits. Lectures, listening and concerts. Required of all music majors. Non-music majors may elect the course with the permission of the instructor, however, this course will not satisfy the Core Curriculum fine arts requirement.

MUSI 371 Music History I.....3 cr. hrs.

A study of the historical development of music in Western Civilization from antiquity to the time of Bach and Handel. Listening, concert attendance and research are required. Required of all students enrolled in a baccalaureate music program. Prerequisite: MUSI 171 or MUSI 161 and the permission of the instructor

MUSI 372 Music History II.....3 cr. hrs.

A study of the historical development of music in Western Civilization from the period after Bach and Handel to modern times. Listening, concert attendance and research are required. Required of all students enrolled in a baccalaureate music program. Prerequisite: MUSI 171 or MUSI 161 and the permission of the instructor

MUSIC EDUCATION

MUSI 131 Vocal Methods1 cr. hr.

Introduction to the singing voice. Basic principles of breath control, diction and the proper vocal technique used in singing. Required of all Music Education majors who are not voice majors. Private study of voice as an applied course may be substituted for this course.

MUSI 141 Introduction to Conducting and Arranging2 cr. hrs.

An introduction to the techniques and gestures used in conducting instrumental and choral ensembles as well as the basic techniques of arranging music for various instrumental and vocal ensembles.

MUSI 231 Woodwind Methods (single reeds).....1 cr. hr.

A study of woodwind instruments to acquaint students with basic techniques and pedagogical principles.

- MUSI 232 Woodwind Methods (double reeds).....1 cr. hr.**
A study of woodwind instruments to acquaint students with basic techniques and pedagogical principles.
- MUSI 331 String Methods.....1 cr. hr.**
A study of orchestral non fretted stringed instruments to acquaint students with basic techniques and pedagogical principles.
- MUSI 332 Brass Methods1 cr. hr.**
A study of brass instruments to acquaint students with basic techniques and pedagogical principles.
- MUSI 341 Music Materials and Methods
 for the Elementary Grades3 cr. hrs.**
A study of techniques and materials which would be incorporated in classroom music teaching in the elementary grades. Classroom techniques for general music in the middle grades will also be covered in this course. Students will study the historical perspective of music in the schools and explore philosophies and innovations which have changed the practice of music teaching. Field-based work is included.
- MUSI 342 Music Materials and Methods
 for the Secondary Grades3 cr. hrs.**
A study of techniques and materials which would be incorporated in instrumental, vocal, and general music classes at the secondary level. Students will study the psychological and philosophical trends which have affected the practice of Music Education in secondary schools. Field-based work is included.
- MUSI 431 Percussion Methods1 cr. hr.**
A study of tonal and untuned percussion instruments to acquaint students with basic techniques and pedagogical principles.
- MUSI 441 Advanced Instrumental Conducting and Arranging2 cr. hrs.**
Continuation of Music 141 with emphasis on instrumental music for concert band, marching band, stage band and other instrumental ensembles.
- MUSI 442 Advanced Choral Conducting and Arranging.....2 cr. hrs.**
Continuation of Music 141 with emphasis on choral music including music for mixed chorus, women’s chorus, men’s chorus, show choir, madrigal groups and other vocal ensembles.

PERFORMING ENSEMBLES

- MUSI 181-182; 281-282; 381-382; 481-482 College Band.....1 cr. hr.**
Membership is open to all qualified instrumentalists on the campus. The group meets 3 hours per weeks. The level for which one will register will be sequential; i. e., the first semester a student participates for credit

132—Course Descriptions

regardless of college enrollment status will be 181 and the second will be 182. The group will perform a variety of musical styles including Jazz, Concert literature, Church literature, and popular tunes.

MUSI 191-192; 291-292; 391-392; 491-492 College Chorus.....1 cr. hr.

Membership is open to any college student. Performances include fall, Christmas and spring concerts as well as other engagements on campus throughout the school year. Three rehearsal hours per week. The level at which a student registers for this course will be sequential; i. e., the first semester a student registers, no matter what the classification of the student, the course number will be 191. The Chorus will perform a variety of music ranging from works of the great masters of the past to contemporary pop, from sacred to secular, from serious to light hearted.

MUSI 193-194; 293-294; 393-394; 493-494 Chowan Singers1 cr. hr.

Membership selected by audition from the college Chorus. The Chowan Singers perform various off-campus engagements and take an extended tour in the spring. One extra rehearsal per week in addition to the regular College Chorus rehearsals. Membership is limited to 16 to 20 singers.

NOTE: Other performing ensembles (no credit) may be organized, from time to time, for student participation.

APPLIED MUSIC

The following courses in applied music are open to any student in the college. Work in applied music is regarded not merely as technical training in performance, but also as a study of the standard literature. Credit in applied music is given on the basis of (1) the stage of development and (2) the number of lessons per week.

All students taking applied music for credit are required to attend weekly student workshop-recitals and college sponsored concerts. A minor in piano is required of all music majors who do not elect piano as the major applied area of study or who do not possess a basic skill at the keyboard.

Applied Music for the Music Major (applied Minor area) or the Non-music major.

MUSI 111-112	First Year.....	1 cr. hr. ea.
MUSI 211-212	Second Year.....	1 cr. hr. ea.
MUSI 311-312	Third Year	1 cr. hr. ea.
MUSI 411-412	Fourth Year.....	1 cr. hr. ea.

For each of the above, one half-hour lesson per week and five practice hours per week.

Applied Music for the Music Major (applied Major area) or the Non-music major with permission of the instructor.

MUSI 121-122	First Year.....	1 or 2 cr. hrs. ea.
MUSI 221-222	Second Year.....	1 or 2 cr. hrs. ea.
MUSI 321-322	Third Year.....	1 or 2 cr. hrs. ea.
MUSI 421-422	Fourth Year.....	1 or 2 cr. hrs. ea.

For each of the above, one or two half-hour lessons and five or ten practice hours per week, respectively.

NOTE: The same course numbers are used for all instruments studied. The specific instrument is indicated by the following abbreviations placed after the course number:

- A - Voice
- B - Piano
- C - Organ
- D - Woodwind
- E - Brass
- F - Percussion
- G - Strings

(Example—111A is First Year instruction in voice; 111B is First Year instruction in piano.)

PHILOSOPHY

PHIL 221	Introduction to Ethics	3 cr. hrs.
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This course is designed to be a practical, introductory study of Christian values and their relationship to the decision-making process, the principles of biblical ethics, and specific issues in contemporary society.

PHIL 231	Introduction to Philosophy.....	3 cr. hrs.
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An attempt is made to acquaint students with basic philosophical concepts and problems through a consideration of representative philosophers and their approaches to the basic questions which are generally explored through philosophical inquiry.

PHYSICAL EDUCATION

MAJOR COURSES FOR PHYSICAL EDUCATION

HPED 100	Aquatics.....	1 cr. hr.
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This course is a requirement for physical education Majors only. They must take the appropriate course from: HPED 121, HPED 122, or HPED 123.

HPED 101	Fitness/Nutrition*	1 cr. hr.
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This course is an introduction to the health and skill-related components of fitness and nutrition for life-long wellness. Assessment of individual fitness levels and activities designed to improve physical fitness levels are included.

- HPED 102 Tumbling/Dance*1 cr. hr.**
This course is an introduction to basic stunts and tumbling, locomotor and axial movements in dance, and social dances. The historical, social, and cultural aspects will be included.
- HPED 103 Motor Skills/Behavior*2 cr. hrs.**
This course is an application of learning principles and laws of motion to specific motor skills. The basic locomotor, non-locomotor and manipulative movement skills will be included. Field experiences are required.
- HPED 104 Outdoor Leisure/Recreation1 cr. hr.**
This course is an introduction to the knowledge and skills in a variety of outdoor leisure and recreation activities. It includes walking, frisbee, hiking, canoeing, backpacking, camping, and field trips. Prerequisite: PHED 100 or approval of instructor.
- HPED 201 Health3 cr. hrs.**
This course is designed to study personal health needs and problems. Mental, physical, social, and spiritual factors and their impact on one's quality of life are included.
- HPED 210 First Aid & CPR1 cr. hr.**
This course is designed to study emergency first aid care for injury or illness. Red Cross certification in Standard First Aid and Cardiopulmonary Resuscitation are included.
- HPED 220 Community Health.....3 cr. hrs.**
This course is designed to study community health resources, governing policies, and services in relationship to the school health program. Communicable diseases, organizations, consumer health, environmental health, and the health-care system are included. Prerequisite: HPED 201
- HPED 230 Individual and Dual Sports I2 cr. hrs.**
This course is the study of the fundamental skills and knowledge of badminton, handball, pickle ball, racquetball and tennis. The history, equipment, rules, terminology, strategies, skill techniques, and officiating are included. Prerequisite or corequisite: HPED 103
- HPED 235 Individual & Dual Sports II2 cr. hrs.**
This course is a study of the fundamental skills and knowledge of archery, bowling, croquet, golf and table tennis. The history, equipment, rules, terminology, strategies, skill techniques and officiating are included. Prerequisite: HPED 103
- HPED 240 Team Sports I2 cr. hrs.**
This course is a study of the fundamental skills and knowledge of basketball, football, soccer and volleyball. The history, equipment, rules, terminology, strategies, skill techniques and officiating are included. Prerequisite: HPED 103

- HPED 245 Team Sports II.....2 cr. hrs.**
This course is a study of the fundamental skills and knowledge of baseball, softball, wrestling, track and field. The history, equipment, rules, terminology, strategies, skill techniques and officiating are included. Prerequisite or corequisite: HPED 103
- HPED 301 Foundations of Physical Education & Sport3 cr. hrs.**
This course is designed to study the philosophical, historical, sociological, psychological and scientific foundations of physical education and sport. Professional organizations, curriculum concepts, teaching methods, and evaluation are included.
- HPED 310 Health & Physical Education in the
Elementary School3 cr. hrs.**
This course is a study of health and physical education materials, methods, and activities for children in grades K-6. It includes planning, teaching, and evaluating a program of developmental and movement activities appropriate for the characteristics and needs of the learner. Clinical and field experiences are required in addition to regular class meetings. Prerequisite: Junior Standing
- HPED 320 Adaptive Physical Education.....3 cr. hrs.**
This course is a study of the identification, assessment, and adapting of physical education policies, practices, principles, and programs to meet the leisure needs of exceptional students. It includes principles of motor development and learning as they apply to planning, instruction, and evaluation. Clinical and field experiences are required in addition to regular class meetings. Prerequisite: Junior standing
- HPED 330 Kinesiology/Biomechanics.....3 cr. hrs.**
This course is a study of the anatomical and mechanical principles of human movement. It includes the application of these principles to analyze human motion and sport skill analysis. Prerequisite: Biology 221.
- HPED 335 Exercise Physiology4 cr. hrs.**
This course is a study of the scientific basis of physical exercise and its effects on the muscular, cardiovascular, respiratory, and nervous systems. The lab will encompass the learning of and application of many tests in the area of exercise physiology. Prerequisite: BIO 222
- HPED 401 Administration in Physical Education and Sport3 cr. hrs.**
This course is a study of management theories and administrative policies for health, physical education and sport programs. It includes curriculum planning, personnel, facilities, equipment, budgeting, public relations, legal liability, and intramurals. Prerequisite: HPED 301

HPED 410 Health & Physical Education for the Middle and Secondary School.....3 cr. hrs.

This course is a study of the teaching-learning process in health and physical education within the middle and secondary school. It emphasizes the planning, implementing, and evaluating of health and physical education activities. Clinical and field experiences are required in addition to regular class meetings. Prerequisite: HPED 301 and 310

HPED 420 Research and Evaluation in Physical Education and Sport3 cr. hrs.

This course is a study of research designs and methods as applied to health, physical education and sport. It includes measurement and assessment techniques, evaluation instruments, and interpretation of results. Prerequisite: HPED 301

HPED 450 Psychological & Sociological Dynamics of Coaching3 cr. hrs.

This course is a study of the psychological and sociological factors which impact on the behavior of the coach and all students. It includes an analysis of the teaching-learning process, strategies for the gym and classroom, and classroom management skills. Prerequisite: HPED 301, Psychology 260

HPED 455 Technology in Physical Education and Sport.....1 cr. hr.

This course involves the study of a variety of computer skills, computer software, videos, internet, and other technological advances within the areas of physical education and sport. The emphasis will be on the application of teaching and remediation, evaluation, record keeping, class management, individual student analysis in fitness and nutrition, video enhancement to study human motion, specific sport analysis, and statistical analysis of data. Prerequisite: IS 101 and EDUC 371.

HPED 460 Independent Study in Physical Education and Sport1-3 cr. hrs.

This course is designed to meet special needs or deficiencies a student has in health, physical education or sport. Topics will be selected by the chairperson and the student. The design, direction, and evaluation of course will be closely monitored by the chair or appropriate faculty member. Prerequisite: Approval of Advisor and Chairperson.

*These courses require majors to use the Polar Heart Rate Monitor.

MAJOR COURSES FOR SPORT MANAGEMENT

HPED 200 Sport Management Practicum I.....1 cr. hr.

This course is designed to provide majors with hands on experience in an area of sports management. The student will work a minimum of 45

hours in an area approved by the advisor and the chairperson. The field work will be scheduled, supervised, and evaluated by the student, field supervisor, and chairperson or faculty designee. Prerequisite: Sophomore standing

HPED 300 Sport Management Practicum II.....1 cr. hrs.

This course is designed to provide majors with hands on experience in an area of sports management. The student will work a minimum of 60 hours in an area approved by the advisor and the chairperson. The field work will be scheduled, supervised, and evaluated by the student, field supervisor, and chairperson or faculty designee. Prerequisite: HPED 200

HPED 340 Principles of Sport Management I3 cr. hrs.

This course is a study of the theoretical and applied principles of Sport Management. It emphasizes career opportunities, research, curriculum, field experience, human resource management, labor relations, and law in sports. Prerequisite: BUS 281 and HPED 301.

HPED 400 Sport Management Practicum III.....1 cr. hr.

This course is designed to provide majors with hands on experience in an area of sports management. The student will work a minimum of 75 hours in an area approved by the advisor and chairperson. The field work will be scheduled, supervised, and evaluated by the student, field supervisor, and the chairperson or faculty designee. Prerequisite: HPED 300

HPED 430 Principles of Sport Management II.....3 cr. hrs.

This course is a study of the practical applications and theory in sport management. It emphasizes strategic approaches to sport marketing, management of facilities and personnel, philosophical basis for sponsorship and sport licensing, accounting and budgeting, and financing options and opportunities to compete in the business of sport. Prerequisite: HPED 340 or permission of instructor.

HPED 440, 441 Internship in Sport Management.....6 cr. hrs.

The internship will serve as a culminating field experience for Sport Management, Sport Science, and/or Athletic Training Majors with senior standing. This will require a minimum of 200 work hours/3 credit hours in an approved sports-related placement off campus or on campus. The major and his advisor will submit a proposal for such placement to the chair eight weeks prior to the beginning of the semester. Prerequisite: Departmental Chairperson’s approval.

NOTE: The practicals are designed to provide management experiences in a variety of sports settings. Field work begins no later than the sophomore year with HPED 200. HPED 300 and 400 are taken during the remaining semesters, leading up to the final placement (HPED 440) during the student’s final semester. These must be varied in their job description and responsibility.

MAJOR COURSES IN SPORT SCIENCE

HPED 440, 441, 442, 443 Internship3–12 cr. hrs.

The internship will serve as a culminating field experience for Sport Management, Sport Science, and/or Athletic Training Majors with senior standing. This will require a minimum of 200 work hours/3 credit hours in an approved sports-related placement off campus or on campus. The major and his advisor will submit a proposal for such placement to the chair eight weeks prior to the beginning of the semester. Prerequisite: Departmental Chairperson's approval.

HPED 470 Seminar3 cr. hrs.

This course is the culmination of students' preparation for the "real world." Students will research, present, and analyze their chosen area of concentration in sport science or athletic training. A variety of topics will be explored and a final research project will be determined by the student and professor. This class can be taken prior to, simultaneously with, or after the internship. Prerequisite: Approval of chairperson.

MAJOR COURSES IN ATHLETIC TRAINING

HPED 105 Fundamentals of Athletic Training.....3 cr. hrs.

This course is designed to introduce the student to the roles and responsibilities of the athletic trainer in sports. The course emphasizes prevention, recognition, and management of sports injuries.

HPED 111 Athletic Training Practicum I1 cr. hr.

This course involves the practice of injury taping and wrapping skills. The student will complete a minimum 100 hours with supervision in the athletic program.

HPED 211 Athletic Training Practicum II.....1 cr. hr.

This course involves the practical application of athletic injury assessment. The focus will be on the various techniques of injury recognition and evaluation. The student will complete a minimum of 150 hours with supervision in the training room. Prerequisite or co-requisite: HPED 250.

HPED 212 Athletic Training Practicum III1 cr. hr.

This course introduces the principles and practices of athletic injuries rehabilitation. The focus will be various rehabilitation techniques while working a minimum of 150 hours with supervision in the training room. Prerequisite or co-requisite: HPED 250.

HPED 250 Assessment of Athletic Injuries.....3 cr. hrs.

This course is a study of the techniques necessary for assessing injuries through palpitation, stress tests, and muscle testing. The focus is on spine and extremities. Prerequisite: HPED 105.

HPED 260 Nutrition3 cr. hrs.

This course is a study of nutritional concepts with instruction in dietary management and basic body composition assessment . The focus is evaluating the effects diet has on health and performance.

HPED 311 Athletic Training Practicum IV.....2 cr.. hrs.

This course introduces the different modalities for treating athletic injuries. The focus will be the determination of modality, proper set-up, and application for injury rehabilitation. A minimum of 200 hours with supervision in the training room is required. Prerequisite or co-requisite: HPED 350.

HPED 312 Athletic Training Practicum V.....2 cr. hr.

This course is the administration of the athletic training program. The student trainer will manage the inventory, record keeping, teaching, etc. of a varsity sport, interscholastic team, ATC, or sports clinic. A minimum of 200 hours of supervised work is required. Prerequisite: HPED 350.

HPED 350 Rehabilitation and Modalities3 cr. hrs.

This course is a study of the theory and application of the regulation of pain, inflammation, and healing of the human body. The focus is the application of modalities and basic rehabilitation concepts and protocols for athletic injuries. Prerequisite: HPED 250.

HPED 435 Advanced Athletic Training3 cr. hrs.

This course is the study of advanced recognition, assessment, management, and reconditioning of athletic injuries. The student will be responsible for a varsity or junior varsity sport team. There will be clinical and field work included in the course. Prerequisite: PHED 350 or permission of the instructor.

HPED 440, 441, 442, 443 Internship.....3-12 cr. hrs.

The internship will serve as a culminating field experience for sport management, sport science, and/or athletic training majors with senior standing. This will require a minimum of 200 work hours/3 credit hours in an approved sports-related placement off campus or on campus. The student and his/her advisor will submit a proposal for such placement to the chair eight weeks prior to the beginning of the semester. Prerequisite: Departmental Chairperson's approval.

HPED 470 Seminar3 cr. hrs.

This course is the culmination of the students' preparation for the "real world." The students will research, present, and analyze their chosen area of concentration in sport science or athletic training. A variety of topics will be explored and a final research project will be determined by the student and professor. This class can be taken prior to, simultaneously with, or after the internship. Prerequisite: Departmental Chairperson's approval.

ACTIVITY COURSES

HPED 121 Beginning Swimming.....1 cr. hr.

This course is an introduction to elementary aquatics. The basic swimming strokes are taught with the (American) front crawl emphasized.

HPED 122 Intermediate Swimming1 cr. hr.

This course is designed to refine the mechanics and improve strength in the four basic strokes: crawl, elementary backstroke, backstroke, and side stroke. Advanced aquatics skills such as treading water and drown-proofing are also taught. Prerequisite: HPED 121 or approval of instructor

HPED 123 Lifeguard Training1 cr. hr.

This course is designed for skilled swimmers who desire lifeguard training. Students can earn certification for lifeguard training from the American Red Cross by completing all course requirements. Prerequisite: HPED 122 or approval of the instructor.

HPED 124 Beginning Tennis1 cr. hr.

This course is an introduction to the fundamental skills in tennis so that students can enjoy and appreciate the sport. It includes knowledge of history, rules, terminology, etiquette, strategies of tennis, skill techniques, and officiating. Students provide their rackets.

HPED 125 Volleyball.....1 cr. hr.

This course is an introduction to the fundamental skills in volleyball so that students can enjoy and appreciate the sport. The history, rules, terminology, and strategies of volleyball are included in the class.

HPED 126 Weight Training.....1 cr. hr.

This course is an introduction of the safety, proper techniques, and benefits of weight training. Multiple lifts for circuit training and station workouts will be emphasized.

HPED 129 Baitcasting.....1 cr. hr.

This course is an introduction to the sport of fishing. An emphasis will be on safety, proper techniques, and a variety of equipment. Students provide their equipment.

HPED 130 Racquetball1 cr. hr.

This course is an introduction to the fundamental skills in racquetball so that students can enjoy and appreciate the sport. The history, equipment, rules, terminology, and strategies will be included. Students provide their eyewear, protective glasses.

HPED 131 Badminton.....1 cr. hr.

This course is an introduction to the fundamental skills in badminton so that students can enjoy and appreciate the sport. The history, equipment, rules, terminology, strategies, and skill techniques are included.

- HPED 132 Aerobic Fitness.....1 cr. hr.**
This course is an introduction to aerobic activities to gain knowledge and skills to develop total fitness. It includes the health and skill-related components of fitness.
- HPED 134 Golf.....1 cr. hr.**
This course is an introduction to the fundamental skills of golf so that students can enjoy and appreciate the sport. The history, equipment, etiquette, rules, terminology, strategies, and skill techniques are included.
- HPED 136 Archery.....1 cr hr.**
This course is an introduction to the fundamentals of shooting with bow and arrows so that students can enjoy and appreciate the sport. It includes safety, equipment use and maintenance, plus target shooting. Students provide their equipment.
- HPED 137 Advanced Racquetball.....1 cr. hr.**
This course is a study of advanced strokes and strategies of racquetball. It includes a review of the basic strokes, history, rules, etc. with an introduction to the governing body, literature, and sanctioned competition for the sport. Students provide protective eyewear. Prerequisite: HPED 130 or approval of the instructor
- HPED 138 Advanced Tennis.....1 cr. hr.**
This course is a study of the advanced strokes and strategies of tennis. It includes a review of the basic skills, history, rules, etc. and an introduction to the governing body, literature, and sanctioned competition for the sport. Prerequisite: HPED 124 or approval of the instructor.
- HPED 139 Low Impact Conditioning.....1 cr. hr.**
This course is designed for non-traditional students and students lacking the ability or health to participate in traditional physical activity classes. Emphasis will be on walking, low impact activities, and basic concepts of health-related fitness.

PHYSICS

- PHYS 101-102 General Physics4 cr. hrs. ea.**
This course covers basic principles of mechanics, heat, thermodynamics, wave motion, optics, electricity, magnetism, and modern physics. Three hours of lecture and one two-hour laboratory per week. Must be taken in sequence. Physics 101 is offered only in the fall semester and 102 is offered only in the spring semester. Co-requisite: Eligibility to take MATH 130
- PHYS 203-204 Advanced General Physics.....4 cr. hrs. ea.**
This is a first course in college physics for students needing a calculus based course. The basic principles of mechanics, electricity, magnetism,

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and modern physics are presented. The first course includes kinematics, dynamics, energy, oscillatory system, and waves. The second course includes electrostatics, magnetostatics, DC and AC circuits, and modern physics. Three hours of lecture and one three-hour laboratory per week. Physics 203 is offered only in the fall semester and 204 is offered only in the spring semester. Co-requisite: MATH 210

PHYS 210 Astronomy4 cr. hrs.

This is an introductory, descriptive survey of the field of astronomy, designed primarily for the non-science major. It includes history of astronomy; the solar system; the sun and other stars, galaxies; and cosmology. Recent discoveries such as quasars, pulsars, and black holes are included. This course includes introduction to astronomical observing. Laboratory activity will include astronomical instruments; the nature of light; Kepler's and Newton's laws of motion; the constellations; planets, binary stars, stellar clusters, and galaxies. A small telescope will be used to observe celestial objects. Three hours lecture and one two-hour laboratory each week. All laboratories will be in the evenings.

EARTH 211 Earth Science.....4 cr. hrs.

This is a study of the history and evolution of the earth: its land forms, the natural forces and processes (both living and non-living) which continually alter its soils, atmosphere, hydrology, and meteorology. Three hours lecture and one two hour laboratory each week.

SCIENCE

SCIENCE 491 Seminar.....1 cr. hr.

This is a faculty directed study of a selected topic resulting in oral and written reports. Prerequisites: Approval of Advisor, Departmental Chairperson, and Instructor.

SCIENCE 492 Directed Research2 cr. hrs.

This is faculty directed laboratory study requiring two three-hour labs per week on a selected topic culminating in oral and written reports. Prerequisites: Approval of Advisor, Departmental Chairperson, and Instructor

SCIENCE 493 Cooperative Internship1-3 cr. hrs.

This is a faculty supervised science related work experience in an off-campus situation. One credit hour will be awarded per 50 work hours. The internship requires oral and written reports. Prerequisites: Approval of Advisor, Departmental Chairperson, and Company. See the Science Departmental Internship Agreement Manual for information and details.

PSYCHOLOGY

PSYCH 210 General Psychology.....3 cr. hrs.

A study of the various fields of psychology, development, learning, motivation, adjustment, perception, memory, cognition, and behavior. These topics are applied to self understanding and adjustment to the demands of society. PSYCH 210 is a prerequisite for all 300 & 400 level Psychology courses. Offered each semester. Prerequisite: Sophomore status or approval of the instructor.

PSYCH 220 Multicultural Psychology.....3 cr. hrs.

An examination of psychological principles as they apply to different cultures, exploring similarities and differences between other cultures and the American caucasian culture. Prerequisite: None.

PSYCH 225 Exceptionality3 cr. hrs.

An examination of various exceptionalities that occur across the lifespan, exploring identification and treatment, legal and ethical issues, coordination between families, schools, and community agencies, and professional responsibilities. This course is designed for anyone who may have a personal or professional relationship with exceptional individuals as well as anyone just interested in learning.

Prerequisite: None

PSYCH 230 Social Psychology3 cr. hrs.

A study of the interaction of personalities with social life. Consideration is given to the way in which status and role affect personality and behavior within small groups. Also the effects of group pressure, rumor and social movements have on the individual. Prerequisite: PSYCH 210 or approval of the instructor.

PSYCH 260 Developmental Psychology3 cr. hrs.

A study of the physical, intellectual, social and emotional development of children and youth as a basis for understanding human behavior. It will provide a background for teaching and other occupations involving working with young people. Prerequisite: None

PSYCH 300 Special Topics.....3 cr. hrs.

A course designed to explore a specialized area of psychology in depth. Prerequisite: Approval of the instructor.

PSYCH 310 Educational Psychology.....3 cr. hrs.

This course deals with the psychological principles involved in the teaching-learning process, the nature of intelligence, motivation, learning styles, thinking skills, individual differences, and the evaluation of learning. Offered only in the spring semester. Prerequisite: PSYCH 210 and 260 or the approval of the instructor

- PSYCH 315 Research Methods in Psychology**.....3 cr. hrs.
An introduction to the basic methods of research in psychology. Special emphasis will be placed upon increasing the student's ability to understand and evaluate scientific articles as well as to conduct and report research. Exposure to historically significant problem areas will be provided. Prerequisite: Nine (9) hours of Psychology and MATH 205.
- PSYCH 320 Physiological Psychology**.....3 cr. hrs.
This course will examine the neural bases of behavior and mental processes and cover such topics as the development and basic functioning of the nervous system, the methods used in psychobiology, the functioning of sensory systems, and the physiological basis of learning and memory. Prerequisite: PSYCH 210
- PSYCH 340 Personality**.....3 cr. hrs.
Focuses on the structure and development of personality. Influences of childhood experiences on personality, the significance of emotional development, the traits and different personality types will be considered. Prerequisites: PSYCH 210, PSYCH 260, and 3 additional hours in Psychology.
- PSYCH 350 Abnormal Psychology**.....3 cr. hrs.
A survey of the major forms of abnormal behavior of children and adults, with an emphasis on the understanding of the causes, treatment and prevention of these disorders. Prerequisites: Nine (9) semester hours of Psychology, including PSYCH 210.
- PSYCH 380 Clinical Psychology**.....3 cr. hrs.
A survey of the field of clinical psychology, with emphasis on the major positions in which clinical psychologists are employed and their principle activities. Prerequisites: PSYCH 210, PSYCH 260, and 3 additional hours in Psychology.
- PSYCH 385 Theories of Learning**.....3 cr. hrs.
An examination of various theories with discussion of the development of traditional learning theories as well as more modern approaches to learning. The methods used in the study of learning will also be explored. Prerequisites: PSYCH 210.
- PSYCH 390 Psychology of Religion**.....3 cr. hrs.
A study of the effects of religious teaching and experience on the beliefs, values, attitudes, anxieties, behavior and feelings of individual believers. The course includes a comparison of the effects of a variety of teachings. Prerequisite: PSYCH 210 or the approval of the instructor.
- PSYCH 395 Cognitive Psychology**3 cr. hrs.
An examination of the cognitive theory of learning including such top-

ics as memory, thinking, and problem solving. Prerequisites: PSYCH 210, PSYCH 260, and 3 additional hours in Psychology.

PSYCH 450 History of Psychology.....3 cr. hrs.

A study of the important figures, concepts and systems of psychology from the early Greeks to the present. Prerequisite: PSYCH 210 and the approval of the instructor.

PSYCH 460 Tests and Measurements.....3 cr. hrs.

An examination of various tests and measurements including such topics as construction, validity, reliability, and purposes. Prerequisites: MATH 205, PSYCH 315, and 9 additional hours in Psychology.

PSYCH 470 Directed Study.....3 cr. hrs.

A directed study designed to permit a psychology major to investigate in detail specific problem areas related to his or her primary field of interest. Prerequisite: Senior status and approval of the instructor.

PSYCH 490 Practicum in Counseling.....3 cr. hrs.

A minimum of sixty hours of work per semester in an applied setting with a mental health worker, public school counselor, probation officer or psychologist. Students will participate in an on campus seminar involving reading and discussions of various aspects of different theories of counseling. Prerequisites: Senior status and the approval of the instructor.

RELIGION

BIBLICAL STUDIES

REL 111 Introduction to the Old Testament.....3 cr. hrs.

The student is introduced to the Story of Ancient Israel, as recorded in the Hebrew Bible, through an approach which combines elements of historical and archaeological research, literary criticism, and biblical theology.

REL 112 Introduction to the New Testament.....3 cr. hrs.

The story of Christian origins, as recorded in the distinctively Christian scriptures, is set forth against the background of that religious, political, social, and cultural milieu out of which the Christian movement emerged.

REL 201-202 Elementary Greek, I and II.....3 cr. hrs. each

This is a two-part sequence which introduces the student to Hellenistic, or Koine, Greek. Emphasis will be placed upon grammar, syntax, and vocabulary throughout the first half of the sequence, with particular attention to the development of reading skills.

The second half of the sequence will place particular emphasis upon the translation and exegesis of selected passages from the Greek New

Testament. Successful completion of the sequence may be used to satisfy 6 hours of the language requirement of candidates for the B.A. in Religion and Philosophy. Offered in alternate years, or upon sufficient demand

REL 301-302 Elementary Hebrew, I and II.....3 cr. hrs. each

This is a two-part sequence which introduces the student to Biblical Hebrew. Emphasis will be placed upon grammar, syntax, and vocabulary throughout the first half of the sequence, with particular attention to the development of reading skills.

The second half of the sequence will place particular emphasis upon the translation and exegesis of selected texts from the Hebrew Bible. Successful completion of this sequence may be used to satisfy 6 hours of the language requirement of candidates for the B. A. in Religion and Philosophy. Offered in alternate years, or upon sufficient demand.

REL 313 Studies in the Pentateuch.....3 cr. hrs.

This course is designed to examine basic themes and traditions which are narrated in the first five books of the Hebrew Bible (Pentateuch or Torah) from literary, historical, and theological perspectives. Attention will be given to the function(s) and significance of such themes and traditions for Israel's self-understanding as a covenant community.

REL 314 Jesus and the Synoptic Gospels.....3 cr. hrs.

An in-depth study of the message of Jesus in light of modern critical research on the Synoptics. Special attention will be paid to the historical ministry of Jesus; the nature and purpose of the Synoptics; and an evaluation of source, form, reaction, sociological, and literary criticisms. Prerequisite: REL 112

REL 315 Prophecy and Prophets in Ancient Israel3 cr. hrs.

This course encompasses a study of the context for and the development of prophecy and the prophetic tradition in the Hebrew Bible. The nature, scope, and function of various prophetic oracles are examined, with a particular focus upon one of the "classical" or "canonical" prophets.

REL 316 Paul: The Man and His Writings.....3 cr. hrs.

An intensive consideration of the life and teachings of Paul as presented in his letters and in Acts. Emphasis will be placed upon the historical and cultural environment, issues in current Pauline scholarship, and exegesis of selected passages in Paul's letters. Prerequisite: REL 112

REL 417 Israel's Wisdom Literature.....3 cr. hr.

This study represents a survey of the broad Wisdom Tradition in the Hebrew Scriptures, from the practical, common sense wisdom--as reflected in much of the writing called Proverbs--to the probing for

REL 444 Baptist History and Heritage.....3 cr. hrs.

Traces the growth and development of Baptists from their origins in the radical wing of the Protestant Reformation. Major emphasis will be placed upon Baptists in the United States, and upon the distinctive features of Baptist heritage within the broader context of Protestant Christianity.

SOCIOLOGY

SOCIO 205 Introductory Sociology3 cr. hrs.

This is an introduction to the concepts of sociology. Consideration is given to culture, socialization, the human community, population, social class, the institutions of the family, economics, politics, religion, education, social change, dissent and post-industrial society. Prerequisite: Sophomore status or approval of instructor.

SOCIO 207 Marriage and Family Living.....3 cr. hrs.

This is an historical perspective of the family and the changing patterns of family living based upon recent research. While building on the experiences of the student in his/her own family, specific attention will be given to sex roles, mate selection, decision making, ethnic variations, marital interaction, alternative life styles, divorce and remarriage, and the future family. Offered only the spring semester.

SPANISH

SPAN 101-102 Elementary Spanish3 cr. hrs. ea.

For those with no previous study of the language. Fundamentals of grammar. Training in pronunciation. Essential vocabulary. Short compositions. Elementary readings during the second semester. One lab period per week. Co-requisite: English 101.

SPAN 201-202 Intermediate Spanish.....3 cr. hrs. ea.

Review of grammar. Advanced study of idiomatic constructions and vocabulary use. Frequent dictations. Readings. Basic composition technique. One lab period per week. Prerequisite: SPAN 101-102 or two years of high school Spanish and placement examination.

SPAN 203-204 Intermediate Composition and Conversation3 cr. hrs. ea.

Practice in conversational skills in a variety of subjects and situations. Designed to provide the fundamentals of composition in Spanish. Prerequisite: SPAN 202 or placement score.

ORIENTATION AND ACADEMIC SUPPORT COURSES

College 101 Orientation to College Life.....2 cr. hrs.

The study of the purposes of higher education and the roles of an indi-

vidual student within the college and other learning environments.
Open to freshmen only.

AS 001 Reading for College Success0 cr. hr.

Reading for College Success focuses on helping the student improve skills essential to effective reading. Special emphasis is placed on vocabulary, comprehension, reading rate, and critical reading. Placement into and exit from this course are determined by performance on reading placement tests administered by Academic Support faculty. Students placed in this course must attempt it during the first semester of enrollment at Chowan and repeat it each semester until satisfactory proficiency is achieved. For students required to take this course, it is co-requisite to all other courses. It meets three hours per week.

AS 002 Writing Fundamentals.....0 cr. hr.

Writing Fundamentals is a course intended to help students attain the competence necessary for success in English 101. The course consists of closely supervised instruction in coherent sentence structure, paragraph development, and short composition. Placement into the course and exit from the course are determined by English faculty evaluation of writing proficiency. Students placed in Writing Fundamentals must attempt the course during the first semester of enrollment at Chowan and repeat it each semester until satisfactory writing proficiency is achieved. For students required to take this course, it is prerequisite to English 101. The class meets three hours per week.

AS 003 Composition in English as a Second Language0 cr. hr.

This course is required for students whose first language is not English and whose facility with the English language is not sufficient for a purely rhetorical course. It deals with the vocabulary and mechanics of written English (grammar, diction, logic) and with composition. Placement into the course and exit from the course are determined by English faculty evaluation of writing proficiency. Students placed in AS 003 must attempt the course during the first semester of enrollment at Chowan and repeat it each semester until satisfactory writing proficiency is achieved. For students required to take this course, it is prerequisite to English 101. It meets three hours per week.

AS 005 Student Success Seminars0 cr. hr.

Student Success Seminars is a course designed to help students apply appropriate study habits to problem areas. It is intended to provide support for students with special needs such as learning disabilities, non-traditional students, students on academic probation, and any others who feel they would benefit from a structured approach to using available resources. This class meets eight times per semester and it may not be taken concurrently with COL 101 or AS 001.

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*For purposes of meeting continued enrollment requirements only, successful performance in AS 001-AS003 will be considered the equivalent of earning a grade of C in a three-hour course, and a grade of U will be considered equivalent to an F in a three-hour course. AS 005 will be considered equivalent to a one-hour course, with an S or U counting as a C or an F, respectively.

THE DIRECTORY

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Mr. Charles L. Revelle, Jr.	Murfreesboro, NC
Mr. P. David Shirley, Jr.	Tarboro, NC
Mr. O. S. Suiter, Jr.	Ahoskie, NC
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Dr. M. Scott White	Nokesville, VA
Mrs. Loretta Zeitz.....	Yorktown, VA

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Dr. Michael C. Alston	Murfreesboro, NC
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Mr. John W. Hawthorne	Boykins, VA
Mr. Russell M. Hull	Elizabeth City, NC
Mr. Howard J. Hunter, Jr.	Conway, NC
Mrs. Martha Alice Jenkins	Ahoskie, NC
Mr. Robert. C. Jordan	Elizabeth City, NC
Mr. Edgar F. Parker	Franklin, VA
Mr. E. Brinson Paul	Murfreesboro, NC
Mrs. Russell V. Phelps	Ahoskie, NC
Mr. Charles B. Pond, III.....	Suffolk, VA
Mr. Hugh C. Vincent.....	Murfreesboro, NC
Mr. Calvin R. Potter	Roanoke Rapids, NC
Mr. Barry E. Whitaker	Richmond, VA

THE ADMINISTRATION

Stanley G. Lott	President of the College
B. Franklin Lowe, Jr.	Vice President for Academic Affairs
Richard Lefevre	Vice President for Business Affairs
James G. Garrison.....	Vice President for Athletic Administration
E. Vincent Tilson	Vice President for Development
Ed Dadez	Vice President for Student Life
Austine O. Evans	Vice President for Enrollment Management
Andrea Eason	Executive Director of Information Technology

David Gowler.....	Assistant Academic Dean
Darrell H. Nicholson	Registrar
Charles Aycock.....	Director of Alumni Services
John Cutter.....	Director of Annual Giving Fund and Day for Chowan
Randy Brantley	Director of Corporate and Foundation Relations
Jan Lefevre	Director of News Services
Peter Squire	Director of Development for Information Technology
Ronnie M. Sumner.....	Director of Business Services
Clifton S. Collins	Director of Financial Aid
Hilda L. Gatling.....	Assistant Director of Financial Aid
TBA.....	Director of Personnel
Lisa Blockus	Director of Student Involvement
Loueen Leonard	Assistant Director of Student Involvement
Linda E. Tripp.....	Director of Counseling and Career Development
David Burns.....	Director of Campus Ministries
R. E. Morris	Chief, Campus Security
Melissa Lassiter	Director of Health Services
Stephanie Harrell	Director of Enrollment Management
Frances Eason.....	Enrollment Counselor
Melanie Edwards.....	Enrollment Counselor
Kimber Pulley	Enrollment Counselor
John Tayloe.....	Enrollment Counselor
Johnny Brock.....	Director of Physical Plant
Charles Futrell	Coordinator of Printing Production
Anita Niemotka	Assistant Coordinator of Printing Production
Jack Goldberg.....	Director of Sports Information, Helms Center
E. Frank Stephenson, Jr.....	Director of Upward Bound
Bronia Vaughan	Counselor, Upward Bound

THE FACULTY

Stanley G. Lott (1996).....	President of the College
B.A., Louisiana College	
B.D., New Orleans Baptist Theological Seminary	
Th.D., New Orleans Baptist Theological Seminary	
Ed.D., University of Georgia	
Other Study, University of Georgia, Carnegie-Mellon University	
B. Franklin Lowe, Jr. (1964)	Vice President for Academic Affairs
Professor	
B.A., Furman University	
B.D., Southeastern Baptist Theological Seminary	
Ph.D., Emory University	

- Georgia Joette Abeyounis (1994).....Education
 Assistant Professor
 B.S., East Carolina University
 M.A.E., East Carolina University
 Additional Graduate Study, University of Georgia, UNC-Chapel Hill
- Philip D. Age (1996).....Graphic Communications
Chairperson, Graphic Communications
 Associate Professor
 B.A., California State University
 M.A., California State University
 Ed.D., Illinois State University
- Charles P. Bentley (1991).....Education
Chairperson, Department of Education
 Professor
 A.A., Mars Hill College
 B.A., Wake Forest University
 M.Ed., University of North Carolina-Chapel Hill
 Ed.S., University of North Carolina-Chapel Hill
 Ed.D., University of North Carolina-Greensboro
- Julie C. Blake (1994).....Director of Library Services
 Instructor
 B.A., Bowling Green State University
 M.L.S., Indiana University
- Pamela K. Brown (1995).....Physical Education
 Instructor
 B.S., State University of New York, Cortland
 M.A., University of North Carolina, Chapel Hill
- Robert J. Burke (1980).....Physical Education
 Assistant Professor
 B.S., Campbell College
 M.A., North Carolina A&T State University
 Additional Graduate Study, East Carolina University,
 Hampton University, Appalachian State University
- Joseph A. Colaric (1993).....Graphic Communications
 Assistant Professor
 B.S., California University of Pennsylvania
 M.In.Ed., Clemson University
 Additional Study, Virginia Polytechnic Institute and State University

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- Scott H. Colclough (1992)Health and Physical Education
Chairperson, Department of Health & PE
Associate Professor
B.S., Campbell University
M.A.Ed., East Carolina University
D.A., Middle Tennessee State University
- John H. Davis (1981)English
Professor
B.A., University of Montevallo
M.A., Auburn University
Ph.D., Auburn University
- Sarah W. Davis (1997).....Academic Support, English
Instructor
A.A., Southwestern at Memphis
M.A., Auburn University
Additional Graduate Study, Auburn University
- Emily Deaver (1996).....Biology
Assistant Professor
B.S., College of William and Mary
M.S., Old Dominion University
Ph.D., University of Mississippi
- Gladys A. DeJesus (1993)Business
Associate Professor
B.A., National University, Dominican Republic
M.A., Ohio State University
Ph.D., Ohio State University
- James B. Dewar (1967)Biology
Associate Professor
B.A., M.A., East Carolina University
Additional Graduate Study, Colorado State University,
Oregon State University, Louisiana State University,
Appalachian State University, East Texas State University,
Georgia Southern University, Syracuse University
- Phyllis D. Dewar (1966).....Chemistry
Associate Professor
A.B., East Carolina University
M.S.T., Illinois Wesleyan University
Additional Graduate Study, Indiana State University,
East Texas State University, University of Pennsylvania,
Eastern Connecticut State College, University of Wisconsin-Madison,
University of Hartford

- Wendy S. Dower (1994).....English
 Assistant Professor
 A.A., St. Petersburg Junior College
 B.A., University of South Florida
 M.A., University of South Florida
 Ph.D., University of North Carolina at Chapel Hill
- Nancy Jean Duke (1995).....History
 Assistant Professor
 B.A., Florida Southern College
 M.A., Florida State University
 Ph.D., Florida State University
- James C. Dumville (1993).....Business
 Associate Professor
 A.B., Georgetown University
 M. S., Air Force Institute of Technology
 Ph.D., Virginia Commonwealth University
- Andrea E. Eason (1969).....Business
 Professor
 A.A., Independence Community College
 B.S., Kansas State College
 M.Ed., Virginia Polytechnic Institute
 Ed.D., Virginia Polytechnic Institute
 Additional Graduate Study, Kansas State College, Memphis State
 University, Virginia Polytechnic Institute, University of South Alabama,
 Old Dominion University, Widener University, University of Tennessee,
 Central State University, East Carolina University
- Joyce Elliott (1984).....Speech
 Professor
 B.A., University of Kansas
 M.F.A., Yale University
 Ed.D., Columbia University
 Additional Graduate Study, Regent University
- Douglas E. Eubank (1971-79, 1983).....Art
 Associate Professor
 B.A., Morehead State University
 M.H.E., Morehead State University
 Additional Graduate Study, East Tennessee State University,
 Morehead State University

- Garth Dalmain Faile (1971)Chemistry
Chairperson, Department of Science
Professor
B.S., University of Alabama
M.A.T., University of Montevallo
M.S., Auburn University
Ph.D., Auburn University
- Renee R. Felts (1986)Business
Assistant Professor
A.S., Chowan College
B.S., Atlantic Christian College
M.S., Old Dominion University
- David A. Fillingim (1996)Religion
Assistant Professor
B.A., Mercer University
M.Div., Southeastern Baptist Theological Seminary
Ph.D., Southern Baptist Theological Seminary
- Stephen E. Flack (1995)Physical Education
Instructor
A.S., Chowan College
B.S., Tennessee State University
M.S., University of Southern Mississippi
- James G. Garrison (1958)Health and Physical Education
Vice President for Athletic Administration
Assistant Professor
A.A., Gardner Webb College
B.A., Western Carolina University
M.A., East Carolina University
Additional Graduate Study, University of North Carolina-Chapel Hill,
University of North Carolina-Greensboro, University of South Carolina,
University of California-Santa Barbara Extension
- Richard R. Gay (1991)English
Associate Professor
B.A., University of Richmond
M.A., University of Richmond
Ph.D. University of North Carolina-Greensboro

- Edwin Dean Gilbert (1991)Graphic Communications
 Associate Professor
 B.S., Appalachian State University
 M.A., Appalachian State University
 Additional Graduate Study, Clemson University
- Brenda Gordon(1992).....English
 Associate Professor
 B.A., University of Central Florida
 M.A., University of Central Florida
 Ph.D., University of Florida
 Additional Graduate Study, Columbia University
- David B. Gowler (1990)Religion
 Assistant Academic Dean
 Associate Professor
 B.A., University of Illinois
 M.Div., Southern Baptist Theological Seminary
 Ph.D., Southern Baptist Theological Seminary
 Additional Graduate Study, Cambridge University, Yale University
- Geraldine L. Harris (1966)..... Library
 Associate Professor
 B.S., M.A.Ed., East Carolina University
 Additional Graduate Study, Florida State University, UNC- Greensboro
- A. Linda Hassell (1993).....Library
 Assistant Professor
 A.A., Chowan College
 B.A., Meredith College
 M.A.Ed., East Carolina University
 M.L.S., East Carolina University
- George L. Hazelton (1966).....Physics
 Associate Professor
 B.S., East Carolina University
 M.A., Wake Forest University
 Additional Graduate Study, West Virginia University, North Carolina State University-Raleigh, University of South Carolina, East Carolina University, James Madison University, Lake Forest University, Memphis State University, Central State University, California State University

160—Directory

- Hayden T. Jones.....French, Spanish
Instructor
B.A., Indiana University
M.A., University of North Carolina at Chapel Hill
Ph.D. Candidate: University of North Carolina at Chapel Hill
- Teresa C. Justice (1996).....Psychology
Assistant Professor
B.S., Lynchburg College
M.A., Wake Forest University
Ph.D., University of North Carolina at Greensboro
- Steven D. Lee (1996)Physical Education
Instructor
B.S. Lock Haven University of Pennsylvania
M.S. West Virginia University
- Jane Markert (1993)Health & Physical Education
Associate Professor
B.S., East Stroudsburg University
M.S., University of Illinois
Ed.D., University of Kansas
- Harriet A. McCullough (1996)Art
Assistant Professor
B.F.A., Old Dominion University
M.F.A., Norfolk State University
- Mary E. McKemy (1996).....Psychology
Assistant Professor
B.S., University of Montevallo
M.A., University of Alabama
Ph.D., University of Memphis
- Rebecca L. McLawhorn (1986).....Mathematics
Assistant Professor
B.S., East Carolina University
M.A., East Carolina University
Additional Graduate Study, East Carolina University
- Elizabeth Michael (1992).....Art
Assistant Professor
B.A., University of North Carolina at Chapel Hill
M.F.A. University of North Carolina at Greensboro
Other Study: Virginia Commonwealth University

- Danny Moore (1994)History
Acting Chairperson, Department of Social Science
 Assistant Professor
 B.S., University of North Alabama
 M.A., University of Akron
 Ph.D., Mississippi State University
- Carole F. Nicholson (1989).....Music
Acting Chairperson, Department of Music
 Assistant Professor
 B.A., Wake Forest University
 M.Mus., Millikin University
 Additional Graduate Study, Westminster Choir College,
 East Carolina University
- Darrell H. Nicholson (1968)Registrar
 English
 B.A., University of Illinois
 M.S., Southern Illinois University
 M.A., University of Louisville
 Additional Graduate Study, University of New Hampshire
- Calvin I. Owens (1981)Mathematics
 Professor
 B.S., East Carolina University
 M.A., Duke University
 Ph.D., University of Tennessee
- Charles L. Paul (1963)History
 Associate Professor
 A.A., Chowan College
 B.A., Carson-Newman College
 B.D., Southeastern Baptist Theological Seminary
 M.A., East Carolina University
 Additional Graduate Study, University of North Carolina-Chapel Hill,
 East Carolina University, State University of New York College-Brockport
- Bonnie C. Revelle (1994).....Biology
 Assistant Professor
 B.S., Davidson College
 M.D., East Carolina University
 Residency, Bowman Gray School of Medicine

- Christina Rupsch (1994).....Art
Chairperson, Department of Visual Arts Division
Assistant Professor
B.S., University of Wisconsin
M.F.A., Southern Illinois University
Ed.M., University of Illinois
Additional Study at Vermont Studio Center, Old Dominion University
- Stacy Sage (1994)Health and Physical Education
Instructor
B.S., California State University
M.S., Eastern New Mexico University
- Carol S. Sexton (1966)Library
Professor
A.A., Lees-McRae Junior College
B.A., North Carolina Wesleyan College
M.L.S., University of North Carolina-Chapel Hill
- Temba Shonhiwa (1996).....Mathematics
Assistant Professor
B.Sc., University of Zimbabwe
M.Sc., Bristol University
Ph.D., West Virginia University
- Michael Steczak (1996)Graphic Communications
Assistant Professor
B.S., Murray State University
M.S., Murray State University
- Daniel C. Surface (1970-75, 1979)Physical Education
Associate Professor
A.B., Guilford College
M.S., University of Tennessee
Additional Graduate Study, College of William and Mary,
University of North Carolina-Greensboro, Virginia Polytechnic Institute,
Azusa Pacific College, East Carolina University
- Jyh-Horng (Mike) TarnInformation Systems
Assistant Professor
B.S., National Taiwan Ocean University
M.S., Virginia Commonwealth University
Ph.D. Candidate, Virginia Commonwealth University

- R. Hargus Taylor (1963).....Religion
Chairperson, Department of Religion and Philosophy
 Professor
 B.A., Carson Newman College
 B.D., Southern Baptist Theological Seminary
 Th.D., Southern Baptist Theological Seminary
- Patsy W. Taylor (1991).....Business
 Assistant Professor
 B.S., East Carolina University
 M.A.Ed., East Carolina University
 C.A.S., East Carolina University
- Allen T. Tinkham (1993).....Business
 Assistant Professor
 B.A., Auburn University
 M.B.A., Louisiana Technical University
 Additional Graduate Study, University of Southern California
- Gilbert A. Tripp, Jr. (1967).....Biology
 Associate Professor
 B.S., Campbell College
 M.A., East Carolina University
 Additional Graduate Study, Converse College, East Carolina University,
 North Carolina State University-Raleigh, UNC-Greensboro
- Dorothy A. Wallace (1965).....Business
Chairperson, Department of Business
 Associate Professor
 B.S., Radford College
 M.S., Virginia Polytechnic Institute
 Additional Graduate Study, University of Maryland,
 University of Missouri, University of South Alabama,
 University of North Carolina-Chapel Hill
- L. M. Wallace, Jr. (1958).....Business
 Associate Professor
 B.S., M.A., East Carolina University
 Additional Graduate Study, Colorado State College,
 North Carolina State University-Raleigh, University of Missouri

Directory—164

- G. Kenneth Wolfskill (1973).....English
Chairperson, Department of Literature and Languages
Professor
B.S., Samford University
M.A., University of Kentucky
Ph.D., University of North Carolina-Chapel Hill
Additional Graduate Study, University of Florida
- Jason T. Woodworth (1996).....Physical Education
Instructor
B.A., California State University
M.S., University of Nevada
- Peggy Yates (1993)Education
Instructor
B.A., Fairmont State College
M.Ed., Tarleton State University
Additional Graduate Study, Regent University

THE EMERITI

- Undine W. Barnhill (1965-1978).....English
B.A., Meredith College
M.A., East Carolina University
Additional Graduate Study, Lafayette College, Harvard University,
University of North Carolina-Chapel Hill, East Carolina University,
North Carolina State University-Raleigh, University of London,
Appalachian State University
- Betty N. Batchelor (1961-1996)English, Spanish
B.A., Atlantic Christian College
M.A., University of North Carolina at Chapel Hill
Additional Graduate Study, University of North Carolina at Chapel Hill,
Universidad Interamericana, East Carolina University
- Robert W. Brown (1963-1990).....Music
B.A., Atlantic Christian College
M.Ed., Florida State University
Additional Graduate Study, Catholic University, Wake Forest University,
East Carolina University, Boston University

- James M. Chamblee (1959-1997)Music
Chairperson, Department of Fine Arts
 B.A., University of North Carolina-Chapel Hill
 M.A., Columbia University
 Ph.D., University of North Carolina-Chapel Hill
- Anna Belle Crouch (1958-1983)English
 B.S., Southeast Missouri University
 M.R.E., Southern Baptist Theological Seminary
 M.A., Columbia University
 Additional Graduate Study, East Carolina University, Union Theological
 Seminary, Virginia State College, College of William and Mary
- Herman W. Gatewood (1963 - 1996).....Department of Graphic Communications
 Attended Danville Technical Institute,
 Graphic Arts Diploma
 Additional Study, Chowan College, Old Dominion University
- Acheson A. Harden, Jr. (1970-1992)Mathematics
 B.A., Williams College
 M.A., North Carolina State University-Raleigh
 Additional Graduate Study, East Carolina University, University of Maine,
 Illinois State University, James Madison University
- John P. Harris (1964-1994).....Biology
 A.A., Louisburg College
 B.S., M.A., East Carolina University
 Additional Graduate Study, North Carolina State University, University of
 North Carolina-Chapel Hill, East Carolina University
- Hattie R. Jones (1965-1995).....Business
 B.S., Concord College
 M.Ed., Virginia Polytechnic Institute
 Additional Graduate Study - University of Tennessee, College of
 William and Mary, University of North Carolina at Greensboro,
 University of Dayton, University of South Alabama, Memphis State
 University, James Madison University
- Rowland S. Pruette (1967-1986)Religion
Chairperson, Department of Religion and Philosophy
 B.A., Wake Forest University
 B.D., M.A., Duke University
 Additional Graduate Study, Union Theological Seminary, Hebrew Union
 College-Biblical and Archaeological School

166-Directory

- Warren G. Sexton (1959-1995)Social Science
A.A., Lees-McRae Junior College
B.S., M.A., Appalachian State University
Additional Graduate Study - University of North Carolina at Chapel Hill
- William B. Sowell (1955-1995).....Department of Graphic Communications
A.A., Diploma in Graphic Arts, Chowan College
B. S., East Carolina University
Graduate Study, East Carolina University
- Bruce E. Whitaker (1957-1989).....President of the College
B.A., Wake Forest University
B.D., Th.M., Ph.D., Southern Baptist Theological Seminary
Additional Graduate Study, George Peabody College for Teachers
- Esther A. Whitaker (1957-1989)Religion
B.S., Appalachian State University
M.R.E., Southern Baptist Theological Seminary
M.A., George Peabody College for Teachers
Additional Graduate Study, Union Theological Seminary, Hebrew Union
College Biblical and Archeological School

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