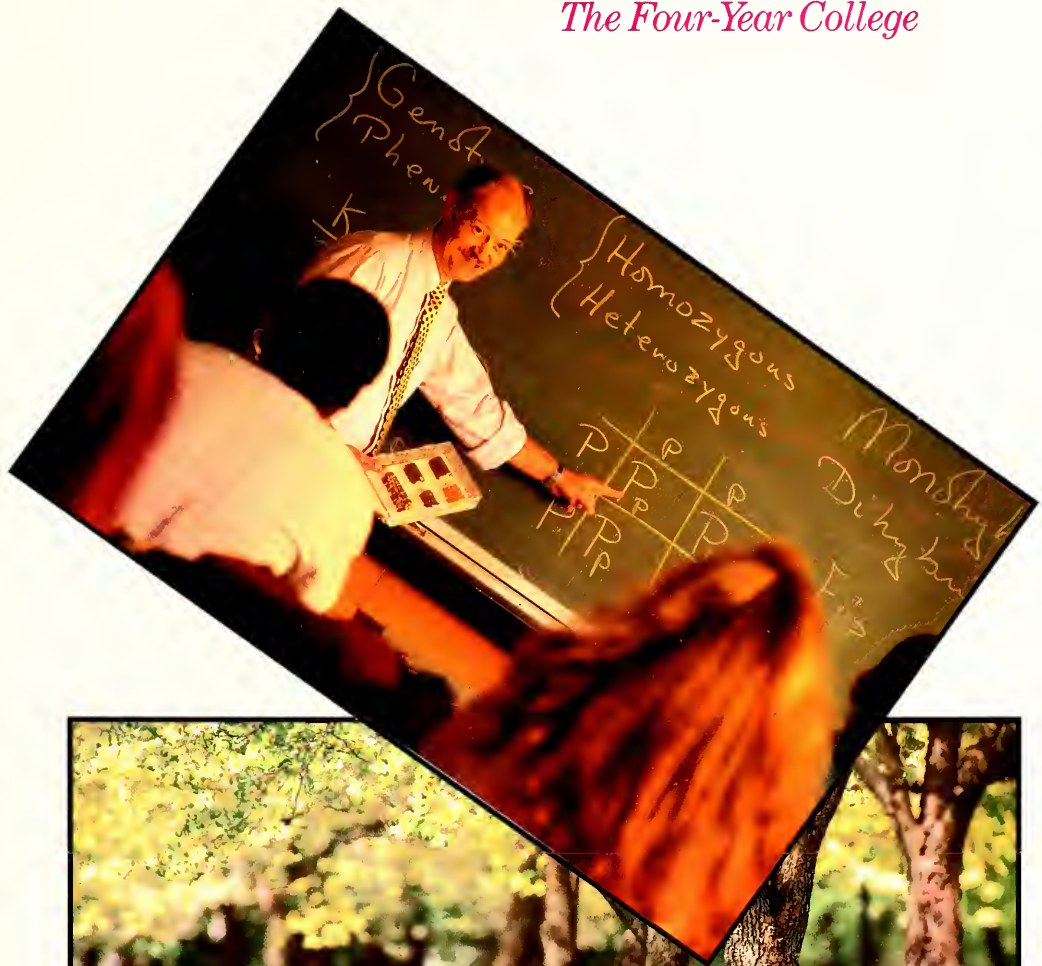


CHOWAN

The Four-Year College



1993-94 Catalog



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CHOWAN

The Four-Year College

Murfreesboro, North Carolina

27855



1993 - 1994

CATALOG

TABLE OF CONTENTS

College Calendar	1
The College	3
Admission Policies and Procedures	5
Student Life	9
Financial Information	15
The Academic Program	23
The Curricula	35
Courses of Instruction	99
The Directory	151
Index	163

College Calendar

SUMMER 1993

- 6 June, Sunday—Boarding students arrive. Residence halls open at 1:30 p.m.
- 7 June, Monday—Class registration in office of the Registrar,
9:00 a.m. - 3:30 p.m.
- 8 June, Tuesday—Classes begin
- 10 June, Thursday—Last day classes may be added
- 16 June, Wednesday—Last day classes may be dropped without record
- 30 June, Wednesday—Last day classes may be dropped with
grade of WP or WF
- 16 July, Friday—Final exams

FALL SEMESTER 1993

- 10-11 August, Tuesday-Wednesday—Residence Directors Workshop
- 12-13 August, Thursday-Friday—Residence Assistants Workshop
- 18-21 August, Wednesday-Saturday—Faculty/Staff Workshop
- 22 August, Sunday—All new students meet in Columns Auditorium
at 6:30 p.m.; meetings with advisors to follow
- 23 August, Monday—All students meet with advisors; new students
at 8:30 a.m.; returning students at 2:00 p.m.
- 24 August, Tuesday—Class registration
- 25 August, Wednesday—Classes begin
- 31 August, Tuesday—Fall Convocation (10:00 a.m.)
- 2 September, Thursday—Last day to add classes
- 17 September, Friday—Last day to drop classes without academic record
- 12 October, Tuesday—Founders Day Convocation (10:00 a.m.)
- 15 October, Friday—Mid-term grading period
- 22 October, Friday—Last day to drop classes with a grade of WP or WF
- 22 October, Friday—Mid-term break begins at conclusion of classes;
residence halls close at 5:00 p.m.
- 26 October, Tuesday—Residence halls open at 1:30 p.m.
- 27 October, Wednesday—Classes resume at 8:00 a.m.
- 2-5 November, Tuesday-Friday—Pre-registration for spring semester
- 24 November, Wednesday—Thanksgiving holidays begin at noon; residence
halls close at 2:00 p.m. Cafeteria will serve only breakfast meal.

2 —College Calendar

28 November, Sunday—Residence halls open at 1:30 p.m.

29 November, Monday—Classes resume at 8:00 a.m.

9 December, Thursday—Reading Day

10-15 December, Friday-Wednesday—Fall semester exams

15 December, Wednesday—Christmas holidays begin at end
of examination schedule

SPRING SEMESTER 1994

7 January, Friday—Faculty/Staff Workshop

9 January, Sunday—Students return; residence halls open at 1:30 p.m.

10 January, Monday—All students meet with advisors: sophomores and upper
class students at 8:30 a.m., freshmen at 1:00 p.m.

11 January, Tuesday—Class registration

12 January, Wednesday—Classes begin

17 January, Monday—Martin Luther King Day (no classes)

20 January, Thursday—Spring Convocation (10:00 a.m.)

20 January, Thursday—Last day to add classes

4 February, Friday—Last day to drop classes without academic record

4 March, Friday—Mid-term grading period

4 March, Friday—Mid-term break begins at conclusion of classes;
residence halls close at 5:00 p.m.

13 March, Sunday—Residence halls open at 1:30 p.m.

14 March, Monday—Classes resume at 8:00 a.m.

18 March, Friday—Last day to drop classes with a grade of WP or WF

1 April, Friday—Good Friday (no classes)

5-8 April, Tuesday-Friday—Pre-registration for fall semester

3 May, Tuesday—Awards Day Convocation (10:00 a.m.)

5 May, Thursday—Reading Day

6-11 May, Friday-Wednesday—Spring semester exams

14 May, Saturday—Graduation Exercises at 10:30 a.m.;
residence halls close at 3:00 p.m.

The College

Chowan College, the second oldest of North Carolina's seven Baptist colleges, has entered its third age of service to young adults seeking an education. It opened in 1848 as a four-year college for women, Chowan Baptist Female Institute. Renamed Chowan College in 1910, and admitting men in 1931, it became a junior college in 1937. Now Chowan College is returning to four-year status in order to offer a complete college education in the sanctuary of a small campus with a Christian heritage and outlook.

While Chowan is expanding its academic program and recruiting well qualified faculty, the College enjoys its identity as a small Baptist institution where people know each other. The College wants to provide an environment that is comfortable and conducive to social and spiritual as well as intellectual growth. Administration and faculty believe in intellectual freedom, indeed, insist upon it. But they are proud of the school's Baptist heritage and commitment to Christian principles.

Chowan College does not discriminate on the basis of sex, 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, the Institutional Goals, and the Expected Educational Results which follow constitute the official Statement of Purpose of Chowan College.

Mission Statement

Chowan College, a four-year institution founded upon and dedicated to Christian principles and values, endeavors to provide quality higher education on a liberal arts foundation in a personal, nurturing environment. The college further strives to equip graduates with the knowledge and skills to function productively in their fields of study.

The college seeks to fulfill its mission through such means as: (1) offering a liberal arts core curriculum for all students who plan to earn baccalaureate or associate degrees; (2) offering vocational instruction in selected programs; (3) employing qualified faculty and staff who are committed to the mission of the institution; (4) striving to meet students' academic, social, and spiritual needs through counseling and personal attention in a caring context; (5) making available extracurricular opportunities which facilitate positive life

4 —*The College*

experiences; and (6) providing diverse programs and appropriate facilities to promote and support responsible life and service in the college community.

Institutional Goals

GOAL I. To provide requisite courses and instruction for baccalaureate and associate degrees.

GOAL II: To mold all curricula so as to include a foundation of general education courses (the humanities/fine arts; the social/behavioral sciences; the natural sciences/mathematics), thus enabling students to develop an understanding of their cultural and physical environments.

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 that strives toward excellence in teaching.

GOAL VIII. To provide a faculty and staff that is committed to the mission of Chowan College.

GOAL IX: To encourage and support the faculty in its 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 growth and nurture.

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, to offer the Associate Degree. It is a Candidate for accreditation to award the Bachelors Degree.

Admissions Policies and 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, or sex.

Admission of First Time Students

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

The Office of Admissions
Chowan College
Post Office Box 1848
Murfreesboro, North Carolina 27855-8848

The Admissions Office will ask that students (1) fill out an application form and submit it with a \$20.00 non-refundable application fee; (2) arrange to have either the SAT or ACT scores sent to the college; and (3) have the high school send an official sealed transcript reflecting the high school record. 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

College Transfer Admission Program

Students may be admitted to Chowan College on the basis of work completed at other accredited colleges. Satisfactory enrollment and completion of course work at other institutions is 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 should submit to the Office of Admissions (1) an application form and a \$20.00 non-refundable application fee; (2) an official, sealed transcript from each institution of higher education previously attended; and (3) a statement of academic standing from the last institution attended. The college does reserve 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. Further, a transfer student may be advised or required to take one or more placement tests. Normally, a transfer student must be academically eligible for continued enrollment at the last institution attended. See the academic policy section of this catalog for further information on the transferability of credit.

Conditional Acceptance

The college may elect to accept certain "special need" students if circumstances suggest academic potential. Same 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 FYE 101 or AS 005, in the first semester.

International Students

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

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 needs, subject to the availability of space. Special 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 can gain readmission by contacting the Office of Admissions. 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. Such students will be readmitted only after the Admissions Officers have conferred with appropriate persons in Student Development.

Admission of Adults 55 and Over

Persons 55 years of age or older who meet the admissions requirements of the college may take courses at the rate of \$25.00 for a three-hour course and \$40.00 for a four-hour course, on a space available basis. Any special fees will apply. Applicants should follow the same admissions 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 can, 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 Payment

Students who have been accepted for admission should send to the college a \$200 advance payment which will be applied toward college expenses. The advance payment is due two weeks after the notification of admission. While this payment is applied toward expenses, it is refundable only upon written request on or before 30 April for an upcoming term.

Medical Report

North Carolina law requires that all students submit a medical report before entering the college. International students must have hospitalization insurance through the college. All full-time students must show evidence of current hospitalization insurance or they will be required to participate in a student plan coordinated through the college.

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 Office of Student Development. The office consists of the following areas: Student Activities, Campus Ministry, Health Services, Counseling, Career Development, Safety & Security, Intramurals, Special Programs (camps & conferences), Residence Life, International Student Affairs, Commuting 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 Activities, the SGA officers, 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 in addition to the weekly "*Braves Bulletin*". The Braves Den Student Center and the Helms Center Athletic Complex are two major "hubs" on campus for student activities.

Intramurals - The Director of Intramurals coordinates an extensive program of competitive and recreational activities 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 seeking membership in NCAA Division III (non-scholarship) and alignment with the Dixie Conference. The College sponsors the following teams: baseball (men), 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, career counseling, and interest inventories are available in the Career Resource Center. The Director of Career Development is available for personal consultation.

Car Registration

Freshmen 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 vehicles registration is \$30.00 per semester and is non-refundable.

Community Service

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

Commuting 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. A student lounge is located on the first floor of Thomas Cafeteria and is ideal for study, rest, and relaxation. 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 Director of the Wellness Center, the Campus Minister, and local pastors comprise a counseling network that is competent, caring, and confidential. 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.

Food Service

The campus dining service is provided by Pioneer College Caterers, Inc. and features a "scramble type of service" offering traditional full-meal service, a cold delicatessen sandwich bar, a fast food area, a complete fresh and prepared salad bar, a potato & pasta bar, a homemade soup and bread station, a full assortment of hot and cold beverages, and a dessert area complete with self-service ice cream shoppe. Meals are provided seven days a week. There is an unlimited seconds policy. Students may choose between a five and seven-day meal plan. A special meal plan is available for commuting students.

The College Snack Bar is located in the Braves Den Student Center. It

features a wide selection of fast foods, grill items, pizza, deli sandwiches, beverages, snacks and ice cream.

Health Service

The Campus 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 is available to students on campus twice 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 Business Office of the College before registering for classes..

International Student Services

The Director of Campus Ministries has primary responsibility for assisting international students with adjustment to college life in the United States. He 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. The International Student Club provides opportunities for cultural awareness and understanding.

New Student 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 make them quickly feel “at home.” Orientation and student handbook review sessions are held in small groups the first weekend students arrive. Information sessions are held for parents/guardians that allows them to meet and interact with various college officials.

Organizations & Clubs

There are forty (40) student organizations and clubs at Chowan College with either an academic, professional, honorary and/or personal interest basis. Student organizations provide opportunities for personal enrichment, profes-

12 —*Student Life*

sional 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 Ministries is available for personal consultation. Campus religious clubs/organizations provide numerous opportunities for growth and service.

Residence Life

Seven residence halls are located on campus. All rooms are air-conditioned, wired for cable TV connection (extra charge), and wired for telephone service (extra charge and must use Chowan-owned phones). 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 Residence Directors and student Residence Assistants. Room assignments are made through the Office of Student Development.

Safety & Security

The Department 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 department sponsors special seminars on a regular basis dealing with such topics as crime prevention and fire safety. Campus security work 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 and possession of firearms and pyrotechnics. Drinking or possession of intoxicating beverages is not permitted on campus. The Honor Code, rules and regulations are specifically stated in the current edition of the student handbook. Students are responsible for their own actions and behaviour 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 1993-94

Boarding Students	<i>Per Semester</i>	<i>Per Year</i>
Tuition and Fees	\$3,365	\$6,730
Board: 5 day meal plan (required)	910	1,820
7 day meal plan (optional)	975	1,950
Room: Double occupancy	650	1,300
Private room (optional)	895	1,790
Contingency/Key Deposit	—	120

Commuting Students

Tuition and fees	2,660	5,320
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NOTE: The College reserves the right to change these rates upon 30 day notice to students. Further, by order of the Board of Trustees all boarding students must participate in one of the meal plans provided by the College.

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 and must have been bona fide taxpayers to the State for the full calendar year immediately preceding registration.

Tuition and fees include a portion to provide various extracurricular events under the administration of the Division of Student Development. Activities include athletic events, intramurals, and special music, religious, and other events.

The Contingency/Key Deposit of \$120.00 is an annual charge, of which \$20 is refundable upon return of the original room key (where applicable). It is assessed at the first semester of resident enrollment each school year, and is refundable by 31 July, less deductions for damages, fines, and any additional unpaid financial obligations to the college. This deposit will be forfeited upon early withdrawal in any semester, except by reason of debilitating illness or injury, or for other extenuating circumstances upon the approval of the Vice President for Business Affairs.

Other Expenses

1. Part-time students (taking less than 12 semester hours or equivalent con-credit hours) will pay \$180.00 per semester hour or equivalent hour. 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.
2. Vehicle registration with the Office of Safety and Security is required for all motorized vehicles, at \$30.00 per semester. Bicycle registration is free.
3. An Audit Fee of \$25.00 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.
4. A course overload fee of \$180.00 per hour is assessed students taking more than 18 semester hours or equivalent hours. A student must receive permission from the Vice President for Academic Affairs to take more than 18 hours.
5. A Music Fee of \$100.00 per semester is charged music majors for lessons in major and minor instruments and for using practice rooms. Non-college majors are charged \$50.00 for private instruction, and are charged \$180.00 per semester for 30 minute per week private lessons.
6. A Horseback Riding Fee of \$400.00 per semester is charged students taking that Physical Education activity course (subject to availability).
7. A late registration fee of \$10.00 is assessed students who do not register on the scheduled date in any semester.
8. A Graduation Fee of \$25.00 is charged for cap, gown, and diploma. Graduation in absentia costs an additional \$15.00.
9. Linen service is optional and may be obtained for a non-refundable charge of approximately \$65.00 per year, or \$40.00 per semester.
10. Refrigerator rental is available for \$35.00 per semester, or \$55.00 per school year.
11. Telephones may be rented for \$125 per school year, \$75.00 of which is refunded with the phone's return in good condition.
12. There are miscellaneous expenses not listed here. Books and supplies, for instance, will cost about \$450.00 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 student's 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 secure personal coverage.

Schedule of Payments

Tuition, fees, and other costs for the semester are payable at the time of registration. When a student is receiving financial aid, the balance due the college must be paid prior to registration.

While this is the college's policy, unexpected problems sometimes arise that make payment difficult. In such cases, students or parents should make arrangements for deferred payment through the Business Office. There is a non-refundable \$20.00 application fee.

Refund Policy

If, as required, the enrollment period's expenses have been paid by the time of registration, a student who withdraws or is dismissed from the college is entitled to a pro-rata refund of assessed tuition, academic and course fees, room and board charges through 60 percent of the enrollment period. After the 60 percent period has passed, no refunds will be provided, except in case of medical withdrawals (see below). The pro-rata basis will be that portion of the period of enrollment for which the student has been charged that remains on the last day of attendance by the student. The period of enrollment will begin with the first class day and end on the last day of the final exams for that period.

In all cases, financial aid programs will be refunded before any actual refund is provided to the student, parent or legal guardian.

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

Withdrawals that are the result of a medical necessity and confirmed in writing by a licensed physician will be treated as stated above except that the period during which the student is entitled to a refund will extend through the entire enrollment period.

Student Classification

A commuting student is considered to be one (1) who is obviously a resident of Murfreesboro, (2) whose permanent residence is in such proximity to

18 — *Financial Information*

Murfreesboro that he/she can commute to and from the college each day, or (3) 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, 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.

An international student who is given administrative approval to live off campus is charged the same tuition and fees as a boarding student.

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) with College Scholarship Services. 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.

Residents of North Carolina should apply for the State Student Incentive Grant by marking on the FAFSA to have their information released to the state agency. Residents of Vermont and Pennsylvania need to file the special applications from their state to apply for the State Student Incentive Grant.

Transfer students must have Financial Aid Transcripts from each college attended sent to Chowan.

Preference is given to applications filed before April 1.

Grants

Federal Pell Grants are federal grants available to U.S. Citizens enrolled in college. Awards range from \$200 to \$2,300 per year. After filing the FAFSA, applicants receive a Student Aid Report which must be sent to the Financial Aid Office.

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

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 (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 (NCSIG) are funds appropriated by the State Legislature to match federal funds in order to assist students with financial need. In order to be considered for this grant, a student should indicate on the FAFSA for the financial aid information to be released to the state agency.

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 a half-time student. Repayment begins six 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 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 an origination fee of 5% and an insurance fee set by the lender. Interest rate is variable, capped at 9%, 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.

The T. M. Stanback Student Loan Fund, established by Mr. & Mrs. S. M. Stanback of Salisbury, N.C., and administered by College Foundation, Inc., Raleigh, is a College fund used to make non-subsidized Stafford loans. "Non-subsidized" means the borrower pays the interest while 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.

Federal Supplemental Loans for Students are available to independent students at a variable rate based on the yearly average of T-Bill interest plus 3.1%, with an 11% ceiling. Freshmen and sophomores may borrow up to \$4,000

20 —Financial Information

per year. Juniors and seniors may borrow up to \$5,000 per year. The total amount that an undergraduate student may receive is \$23,000. Payments and interest may be deferred while the student is enrolled full-time.

Federal 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 10%. 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

Chowan College offers a wide variety of institutionally funded grants and scholarships. Information concerning these may be obtained from: The Director of Financial Aid, Chowan College, Murfreesboro, NC 27855.

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	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

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

After attempting this no. 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.

If a student breaks tenure for at least one year, he or she will automatically become eligible for renewal of financial aid for the first academic year of re-enrollment. The above standards will not be used until a subsequent year has been completed. Exception: 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 non-credit course 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 "IP" is earned will not count as hours attempted.

Transfer students who do not meet the standards will be put on probation for a year. After the probationary period is over, the student's record, including the academic work attempted at prior institutions, will be reviewed to determine if the standards are met.

A student will not be awarded financial aid for more than 150 attempted hours. Exception: transfer students will be allowed to receive financial aid until the hours accepted in transfer plus the hours attempted at Chowan equals 150 hours. This will allow a student to double major.

Appeal

A student denied financial aid may make an appeal in writing to the Financial Aid Committee if:

1. The student thinks an error has been made in determining his or her academic progress is not satisfactory; and/or
2. The student feels that mitigating circumstances affected his or her ability to meet the academic standards for financial aid. These circumstances include:
 - a. Illness of the student;
 - b. Illness of an immediate family member;
 - c. Death of an immediate family member; or
 - d. Family problems, i.e. separation, divorce, loss of job.

The Academic Program

Chowan College is returning to its original status as a four-year institution. It enrolled its first junior class in the fall 1992 and will award its first baccalaureate degrees in the spring 1994. The College will continue to offer a number of two-year programs and degrees.

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.
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.

Requirements for Graduation

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.

24 —Associate Degree Curricula

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 the Departmental Chairpersons 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 faculty and administration of Chowan College believe that there are some courses that all students, regardless of major field of study, should complete if they are to be truly educated. These courses 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—Courses may be optional at discretion of college)

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 201, Psychology 306,

Sociology 107, 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)

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: No student may take more than one physical education activity course per semester. A maximum of four activity courses may be applied to either the baccalaureate or associate degree.

Majors 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 and Mathematics must have a 2.50 average.

A minor is not required for graduation, but the college does provide a limited 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.

26 —*Academic Program*

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, Ds may be accepted if the student has an average of C or better on all work attempted.

Transfer students who graduate with either the bachelor's degree or the associate degree, must complete as a minimum the last 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.

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.

For information concerning transfer credit, contact the Registrar, who is responsible for evaluating transcripts.

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 Advanced Placement Program

High School students enrolled in Advanced 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. The actual score achieved on the AP examination will be recorded. 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 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 score 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. If the application is approved, a non-refundable fee for the examination will be charged.
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 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

WF - Withdrawal when making failing grades

28 —*Academic Program*

NG - No Grade Reported

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

IP - In Progress (The course must be repeated 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. Likewise, if a grade of IP is not removed by the end of the next semester, it becomes a grade of U.

The grades of S, U, and IP 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 2.0 quality point ratio is required for graduation. This means that a student must have at least two quality points for every hour attempted. 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.

Academic Support Courses

During orientation, all new students are required to take placement tests in the areas of English, mathematics, and reading. These tests are diagnostic in nature and are designed to determine the student's level of proficiency in these areas. In cases where test results indicate specific academic deficiencies, a student may be advised or required to enroll in a non-credit course or courses. Because such work is developmental (i.e., preparatory for 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.

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.

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 (which requires a minimum quality point average of 2.0). 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	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

30 —*Academic Program*

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 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 completing this no. 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.

For purposes of meeting continued enrollment requirements only, successful performance in a non-credit academic support course will be considered the equivalent of earning a grade of C in a three-hour 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 Laude	3.80-4.00
Magna Cum Laude	3.50-3.79
Cum Laude	3.00-3.49

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 3.00-3.79

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 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 Registrar 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. Get the approval and signature of the Vice President for Academic Affairs.
5. 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.

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 relevant 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.

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 Director of Counseling 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.
2. Death of a member of the student's 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.

The Curricula

BACCALAUREATE DEGREE PROGRAMS

General Education Requirements

The faculty and administration of Chowan College believe that there are some courses that all students, regardless of major field of study, should complete if they are to be truly educated. These courses 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)* (Optional at discretion of college)

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)

Economics 251

Economics 252

Government 108

Psychology 201

Psychology 306

Sociology 107

Sociology 205

Geography 151

Science with Laboratory (8 semester hours)

Astronomy 210

Biology 101

Biology 102

Chemistry 101

Chemistry 102

Earth Science 211

Physics 101

Physics 102

Physics 203

Physics 204

36 —*Bachelor Degree Curricula*

Fine Arts (3 semester hours)

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 in Survey of Literature: English 201, 202, 203, 204, 205, 206

One other Humanities course: Literature, Philosophy, or Fine Arts

Mathematics (3 semester hours)

Health 201 (3 semester hours)

Core Total 53 or 54 semester hours

*College 101 is not required of transfer students

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 Business Administration 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 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) Preparation in a specialty area (accounting, computer information system or small business management) or preparation well distributed among three 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 251:	Principles of Economics I
BUS 252:	Principles of Economics II
BUS 281:	Business Law I
BUS 382:	Business Law II
BUS 301:	Principles of Finance
BUS 324:	Business Communications
BUS 361:	Management
BUS 362:	Marketing
CIS 171:	Introduction to Information Systems
CIS 262:	Computer Applications
CIS 378:	Advanced Computer Applications
MATH 133:	College Algebra
MATH 205:	Probability & 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 knowledge core	47 cr. hrs.
Business core	47 cr. hrs.
Business courses in addition to the business core:	
(ACCT 240: Managerial 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	10 cr. hrs.
Total	122 cr. hrs.

Requirements for a B. S. Degree in Business Administration (Computer Information Systems Emphasis)

General knowledge core	47 cr. hrs.
Business core	47 cr. hrs.
Business courses in addition to the business core:	
(CIS 272: Program Design & Development, CIS 261: Microcomputer Operating Systems, CIS 371: Programming Language I, CIS 372: Programming Language II, CIS 381: Database Processing for Microcomputers, CIS 476: Systems Analysis and Design, CIS 481: Management Information Systems)	
	20 cr. hrs.
Electives	8 cr. hrs.
Total	122 cr. hrs.

Requirements for a B. S. Degree in Business Administration (Small Business Management Emphasis)

General knowledge core	47 cr. hrs.
Business core	47 cr. hrs.
Business courses in addition to the business core:	
(BUS 151: Retail Merchandising, BUS 253: Advertising and Sales Promotion, ACCT 240: Managerial Accounting or ACCT 243: Income Tax Accounting, BUS 425: Entrepreneurship, and six credit hours of electives from the following: BUS 153: Selling, BUS 352: Managerial Economics, BUS 351: Money and Banking, BUS 409: Principles of Real Estate, BUS 390: Risk and Insurance, and BUS 380: Human Resources Management)	
	18 cr. hrs.
Electives	10 cr. hrs.
Total	122 cr. hrs.

An internship is recommended for the B.S. in Business Administration (Small Business Emphasis.)

Requirements for a B. S. Degree in Business Administration (Without an Area of Emphasis):

General knowledge core	47 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 as approved by an oversight committee of business faculty.)	
Electives	10 cr. hrs.
Total	122 cr. hrs.

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 19-20 semester hours in designated business courses. Minors are available in Business Administration, Accounting, Computer Information Systems, and Small Business Management. Specific requirements for these minors follow:

Minor in Business Administration20 cr. hrs.

ACCT 141: Principles of Accounting I

ACCT 142: Principles of Accounting II

BUS 251: Principles of Economics I *or* BUS 301:

Principles of Finance

BUS 281: Business Law I

BUS 361: Management

CIS 262: Computer Applications

Minor in Accounting20 cr. hrs.

ACCT 141: Principles of Accounting I

ACCT 142: Principles of Accounting II

ACCT 240: Managerial Accounting

ACCT 243: Income Tax Accounting

ACCT 341: Intermediate Accounting I

CIS 262: Computer Applications

Minor in Computer Information Systems 20 cr. hrs.

CIS 171: Introduction to Information Systems

CIS 272: Program Design and Development

CIS 371: Programming Language I

CIS 372: Programming Language II

CIS 261: Microcomputer Operating Systems

CIS 262: Computer Applications

CIS 378: Advanced Computer Applications

Minor in Small Business Management 19 cr. hrs.

BUS 152: Retail Merchandising or BUS 425:

Entrepreneurship

ACCT 141: Principles of Accounting I

BUS 361: Management

BUS 362: Marketing

BUS 253: Advertising and Sales Promotion

or BUS 153: Selling

CIS 262: Computer Applications

COMMERCIAL ART

1. The Bachelor of Science (B.S.) degree is awarded to those students who successfully complete all the requirements in the Commercial Art curriculum as outlined below.
2. Students wishing to major in Commercial Art 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 in commercial art. This should be done during the second semester of the student's sophomore year. 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. Portfolios may be resubmitted only once. Should the portfolio be rejected a second time, the student may not take any upper level course in commercial art.
3. Students in Commercial Art must complete a minimum of 128 semester hours. This includes 51 semester hours of general education core, 24 semester hours of art foundation, 9 semester hours of art history (includes Art 161), 15 semester hours of commercial art (includes Art 261), 9 semester hours of illustration, 11 semester hours of graphic arts, 3 semester hours of internship or elective, and 6 semester hours of electives selected by the student with the approval of the advisor.
4. Graduates in Commercial Art must possess a minimum QPA of 2.00 on all work attempted with no grade lower than a "C" in any upper level (300-400) course of commercial art or illustration.
5. In addition to basic competence in reading, writing, mathematics, and oral communication, students who receive the B.S. degree in Commercial Art are expected to possess basic competencies in: (a) the ability to manipulate form on a two-dimensional surface through the use of line, shading and/or perspective; (b) creating designs based on some principles of design, as they relate to color and design, as well as a knowledge of the physical properties of color, basic color schemes and color dynamics; (c) an understanding of some basic processes and techniques in printmaking,

painting, ceramics, and three-dimensional design; (d) executing some basic letter styles in calligraphy; (e) the knowledge of the history of art by identifying some major art styles and their representatives; (f) the ability to operate photocomposition machines and a knowledge of the basic techniques used in prepress; (g) a general knowledge of the history of printing as it relates to the graphic arts; (h) the use of the principles of advertising design for the purpose of creating ads and designs, both long and short term, for various media; (i) understanding the purpose of advertising and their role as creators; (j) illustrating in a variety of styles and media for various purposes; (k) compiling and presenting a portfolio; (l) an understanding of the history of a civilization; (m) an appreciation of scientific methodologies used in exploring and solving problems; (n) the understanding of the Judeo-Christian heritage; (o) a knowledge of safety and skills used in a lifetime leisure sport or physical activity.

Requirements for a B. S. degree in Commercial Art

General knowledge core	51 cr. hrs.
Art Foundation	24 cr. hrs.
Art 101, 102, 131, 151, 171, 181, 241 or 242, 291 or 292	
Art Appreciation and History	9 cr. hrs.
Art 161, 311, 312	
Commercial Art	15 cr. hrs.
Art 261, 361, 362, 461, 469	
Illustration	9 cr. hrs.
Art 371, 372, 471	
Printing Courses	11 cr. hrs.
Internship or elective	3 cr. hrs.
Electives	6 cr. hrs.

STUDIO ART

1. The Bachelor of Arts (B. A.) 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.
2. The B. A. degree with an emphasis in Studio Art requires the completion of at least 129 semester hours, including two semester hours in physical education activity courses.
3. 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.
4. 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,

42 —*Bachelor Degree Curricula*

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.

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	21 cr. hrs.
Art 101, 102, 110, 131, 151, 171, 191	
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	3 cr. hrs.
Studio Elective	3 cr. hrs.
Free Electives (minimum)	18 cr. hrs.

ART EDUCATION

1. The Bachelor of Science (B. S.) degree is awarded to those students who successfully complete all of the requirements of the Art Education curriculum, as outlined in the curriculum section of this catalog.
2. The B. S. degree with an emphasis in Art Education requires the completion of at least 129 semester hours, including two semester hours in physical education activity courses.
3. To be admitted to this major, students must have a minimum average of 2.50 at the end of the sophomore year. Graduates are required to possess a minimum average of 2.50.
4. 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 ability to use perspective, shading, design, composition, line, and color effectively in creating art work; (d) create art in the third dimension; (e) offer a working understanding of philosophy, methods, and materials associated with art in the elementary and high school classroom.

Requirements for a B. S. degree in Art Education

General knowledge core	51 cr. hrs.
Art Foundation	24 cr. hrs.
Art 101, 102, 110, 131, 151, 171, 181, 191	
Art History 311, 312	6 cr. hrs.
Art in Elementary School 321	3 cr. hrs.
Art in Secondary School 322	3 cr. hrs.
Art Appreciation 161	2 cr. hrs.
Music Appreciation	3 cr. hrs.
Studio Electives	6 cr. hrs.

Professional course requirements in Education

Introduction to Teaching 201	3 cr. hrs.
Introducton to Special Education	3 cr. hrs.
Analysis of Research in Teaching 305	3 cr. hrs.
Reaidng in the Content Area	2 cr. hrs.
Foundations of American Education 401	3 cr. hrs.
Directed Student Teaching 420	9 cr. hrs.
Seminar in Student Teaching 421	1 cr. hrs.
Developmental Psychology 306	3 cr. hrs.
Educational Psychology 310	3 cr. hrs.
Free Elective	3 cr. hrs.
TOTAL HOURS	132 cr. hrs.

EDUCATION

Chowan College offers undergraduate level programs leading to certification in Elementary Education, (K-6); Secondary Education (9-12 - English, Math and Comprehensive Science); and in Art, Music, and P. E. (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:

- * be eligible for teacher certification in their area of concentration in North Carolina. (Reciprocity agreements with other states)
- * 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 certification.
- * 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.

44 —*Bachelor Degree Curricula*

- * 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 certification area(s).

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. (Requirement of North Carolina State Board of Education)
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 Core Batteries I and II of the National Teachers 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.

Note: All transfer students and college graduates seeking teacher certification must meet the same requirements for admission to Teacher Education as do regular students. Such students should apply through the Teacher Education Chairman and submit a transcript of all completed college work. A written course of study can then be developed to meet the required Teacher Education competencies.

Requirements for Continuing in Teacher Education Program

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 chairman by November 10th; to be eligible for student teaching in the fall semester, students must apply by April 10th of the preceding spring semester).**

*Admission to college does not constitute admission to the Teacher Education Program.

**Admission to the Teacher Education Program does not insure approval for student teaching.

Requirements for Elementary Education Majors (K-6)

Students will attain mastery of the required competencies for elementary certification 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.
Academic Concentration	15 - 21 cr. hrs.

Each elementary major must choose an academic area (math, science, English, or social studies) and successfully complete at least twelve (12) semester hours. These are in addition to the required core hours.

*All elementary majors must take 2 additional math courses—Math 201 and Math 202. Students who choose math as the area of academic concentration, would need to take six (6) additional hours in math. Students choosing English, science, or social studies for areas of concentration would need to take the two math courses and complete twelve (12) hours in their chosen area.

Professional/Specialty Studies	56 cr. hrs.
Education 201	3 cr. hrs.
- Introduction to Teaching	
Education 301	3 cr. hrs.
- Introduction to Special Education	
Education 305	3 cr. hrs.
- Analysis of Research and Teaching	
Education 307	3 cr. hrs.
- Teaching Reading in the Elementary	
Education 310	2 cr. hrs.
- Reading in the Content Area	
Education 330	3 cr. hrs.
- Teaching the Fine Arts in the Elementary School	
Education 331	9 cr. hrs.
- Integrating the Elementary Curriculum	
(Methods and Materials for Teaching Communication Skills,	

Social Studies, Science and Math in an Integrated Fashion;
Extensive field-based experience included.)

Education 371	3 cr. hrs.
- Media and Technology	
Education 401	3 cr. hrs.
- Foundations of American Education	
Education 403	2 cr. hrs.
- Classroom Management	
Education 420	9 cr. hrs.
- Directed Student Teaching	
Education 421	1 cr. hrs.
- Seminar in Student Teaching	
English 305	3 cr. hrs.
- Children's Literature	
Health and P/E 310	3 cr. hrs.
- Teaching Health and P. E. in the Elementary School	
Psychology 306	3 cr. hrs.
- Developmental Psychology	
Psychology 310	3 cr. hrs.
- Educational Psychology	

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

Certification (9-12)(English, Math, or Science)

Students at Chowan College who major in either English, Math or Science can meet the requirements for teacher certification 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	35 cr. hrs.
Education 201	3 cr. hrs.
- Introduction to Teaching	
Education 301	3 cr. hrs.
- Introduction to Special Education	
Education 305	3 cr. hrs.
- Analysis of Research in Teaching	
Education 310	2 cr. hrs.
- Reading in the Content Area	
Education 401	3 cr. hrs.
- Foundations of American Education	
Education 403	2 cr. hrs.
- Classroom Management	

Education 420	9 cr. hrs.
- Directed Student Teaching	
Education 421	1 cr. hrs.
- Seminar in Student Teaching	
Education 431	3 cr. hrs.
- Methods and Materials for Teaching High School English, or	
Education 441	3 cr. hrs.
- Methods and Materials for Teaching High School Science, or	
Education 451	
- Methods and Materials for Teaching High School Math	
Psychology 306	3 cr. hrs.
- Developmental Psychology	
Psychology 310	3 cr. hrs.
- Educational Psychology	
Major Studies and Electives	36-54 cr. hrs.
(Requirements listed under appropriate department elsewhere in the catalog.)	

Requirements for Certification in Special Subject Areas (K-12) - Physical Education, Art Education and Music Education

Students can meet the requirements for certification 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 core	51 cr. hrs.
(See K-6 requirements above)	
Professional Studies	32 cr. hrs.
Education 201	3 cr. hrs.
- Introduction to Teaching	
Education 301	3 cr. hrs.
- Introduction to Special Education	
Education 305	3 cr. hrs.
- Analysis of Research in Teaching	
Education 310	2 cr. hrs.
- Reading in the Content Area	
Education 401	3 cr. hrs.
- Foundations of American Education	
Education 403	2 cr. hrs.
- Classroom Management	
Education 420	9 cr. hrs.
- Directed Student Teaching	
Education 421	1 cr. hrs.
- Seminar in Student Teaching	

48 —*Bachelor Degree Curricula*

Psychology 306	3 cr. hrs.
- Developmental Psychology	
Psychology 310	3 cr. hrs.
- Educational Psychology	

Major Studies, Methods, Courses and Electives42-48 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 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. Graduates in English must possess a minimum average of 2.00 on all work attempted.
4. 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. Thus the important goals of the Department of Languages and Literature cannot be actually realized, for we cannot generally determine increased humanness or a greater appreciation of order or a more dramatic sense of language. 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.

English Curriculum

Requirements for a B. A. degree in English:

Core Curriculum 53 cr. hrs.

Foreign language or proficiency at the intermediate level 12 cr. hrs.

English courses above English 101 and 102, including: 36 cr. hrs.

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

English 301 - Introduction to Literary Studies;

English 310 or 312 - History of the English Language or
Advanced Grammar;

English 410 - Shakespeare

A 2.0 (C) average in all courses in English, including English 101 and 102.

Requirements for a minor in English:

English courses above Freshman Composition 18 cr. hrs.

English Education

Certification, grades 9-12

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

1. Complete a minimum of 135 hours of credit, including:
 - 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 102 (6 hours included in the core curriculum), including:
 1. 3 literature survey courses at the 200 level, excluding English 205
 2. English 205, Survey of Ancient World Literature
 3. English 301, Introduction to Literary Studies
 4. English 305, Children's Literature
 5. English 310, History of the English Language
 6. English 311, Advanced Composition
 7. English 312, Advanced Grammar
 8. English 410, Shakespeare
 9. 2 elective courses at the 300 or 400 level.
 - d. 35 credit hours of professional studies required for teacher certifi

cation. Consult these specific requirements under the listing for the Department of Education in the 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.

PHYSICAL EDUCATION

The Bachelor of Science (B. S.) degree is awarded in Physical Education to those students who successfully complete the requirements in the teacher education program, and Physical Education curriculum.

The B. S. degree with a K-12 teacher certification in Physical Education requires 53 semester hours in the general core, 30 semester hours in the professional education core, and 45 semester hours in the Physical Education major. Completion of 134 semester hours in academic work plus two semester hours in physical education activity courses is required for the degree. A graduate must possess a minimum grade average of 2.5 on all work attempted.

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

Students who successfully complete the Physical Education curriculum will:

- achieve the competencies of the teacher education program.
- understand the value of positive health habits and physical activity to enhance the quality of life.
- have an awareness that each individual is responsible for his/her own health and total fitness.
- demonstrate knowledge, attitudes, and behaviors that promotes physical education.
- have the ability to plan, implement, and evaluate a physical education program.
- acquire the skills to measure and evaluate the fitness status of students.
- acquire the fundamental skills of emergency care.
- have the ability to apply basic anatomical, physiological, kinesiological, psychological, and sociological concepts to the teaching of physical education.
- have knowledge and concepts of the various areas of health.
- be able to select teaching methods, material, and techniques for Physical Education based on a knowledge of human growth and development.
- have the ability to adapt the Physical Education program for the exceptional student.
- possess basic concepts of computer literacy in relation to Physical Education.

Requirements for a B. S. degree in Physical Education

General knowledge core	53 cr. hrs.
English 101	3 cr. hrs.
College 101 or elective	2 cr. hrs.
English 102	3 cr. hrs.
Religion 111	3 cr. hrs.
Religion 112	3 cr. hrs.
Biology 101	4 cr. hrs.
Biology 102	4 cr. hrs.
Computers 101	2 cr. hrs.
Art 161	3 cr. hrs.
Math	3 cr. hrs.
Literature	3 cr. hrs.
(English 201, 202, 203, 204)	
Speech 210	3 cr. hrs.
History 101/201	3 cr. hrs.
History 102/202	3 cr. hrs.
Psychology 201	3 cr. hrs.
Humanities	3 cr. hrs.
(Philosophy, Literature, Fine Arts)	
PE Activity (PHED 100)	1 cr. hr.
PE Activity (PHED 101)	1 cr. hr.
Health 201	3 cr. hrs.
Professional (Education Core)	30 cr. hrs.
Education 201	3 cr. hrs.
- Introduction to Education	
Education 301	3 cr. hrs.
- Introduction to Special Education	
Education 305	3 cr. hrs.
Analysis of Research and Teaching	
Education 310	2 cr. hrs.
- Reading in the Content Area	
Education 401	3 cr. hrs.
- Foundation of American Education	
Education 420	9 cr. hrs.
- Direct Student Teaching	
Education 421	1 cr. hr.
-Seminar in Student Teaching	
Psychology 306	3 cr. hrs.
- Developmental Psychology	
Psychology 310	3 cr. hrs.
- Educational Psychology	

52 —Bachelor Degree Curricula

Physical Education Core	45 cr. hrs.
PHED 102	1 cr. hr.
- Tumbling/Dance	
PHED 103	1 cr. hr.
- Motor Learning	
PHED 104	1 cr. hr.
- Outdoor Leisure	
BIOL 221	4 cr. hrs.
- Anatomy	
BIOL 222	4 cr. hrs.
- Physiology	
PHED 210	2 cr. hrs.
- First Aid/Safety	
PHED 220	2 cr. hrs.
- Community Health	
PHED 230, 235	4 cr. hrs.
- Individual/Duel Sports I, II	
PHED 240, 245	4 cr. hrs.
- Team Sports I, II	
PHED 301	3 cr. hrs.
- Foundations of PE and Sports	
PHED 310	3 cr. hrs.
- Health and PE for Elementary School	
PHED 320	2 cr. hrs.
- Adaptive PE	
PHED 330	3 cr. hrs.
- Kinesiology	
PHED 335	3 cr. hrs.
- Exercise Physiology	
PHED 401	2 cr. hrs.
- Administrative Health/PE/Sports	
PHED 410	3 cr. hrs.
- Health and PE for Middle/ Secondary School	
PHED 420	3 cr. hrs.
- Research/Evaluation in Health and PE	
Free Elective	6 cr. hrs.

See also the Education section of this catalog concerning requirements for the teacher education program.

SPORTS MANAGEMENT

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,

8 hours of electives, 32 hours in business, and 41 hours in sport management/physical education.

Requirements for a B. S. Degree in Sport Management

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	3 cr. hrs.
College 101 or elective	2 cr. hrs.
Biology 101 or 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 201	3 cr. hrs.
Computer Awareness 101	2 cr. hrs.
Art, Music, or Drama 161	3 cr. hrs.
PE Activity Courses	2 cr. hrs.
(PHED 101 and 103)	
Sport Management/PHED Courses	41 cr. hrs.
PHED 200	1 cr. hr.
- Sport Management Practicum I	
PHED 210	2 cr. hrs.
- First Aid	
PHED 220	2 cr. hrs.
- Community Health	
BIOL 221	4 cr. hrs.
- Human Anatomy	
BIOL 222	4 cr. hrs.
- Human Physiology	
PHED 300	1 cr. hr.
- Sport Management Practicum II	
PHED 301	3 cr. hrs.
- Foundations of PE/Sport	
PHED 330	2 cr. hrs.
- Kinesiology	
PHED 335	3 cr. hrs.
- Exercise Physiology	
PHED 340	3 cr. hrs.
- Principles of Sports Management	
PHED 400	1 cr. hr.
- Sport Management Practicum III	

54 —*Bachelor Degree Curricula*

PHED 401	3 cr. hrs.
- Administration in Health, PE, Sports	
PHED 430	3 cr. hrs.
- Seminar in Sport Management	
PHED 440	3 cr. hrs.
- Sport Management Internship	
PHED 450	3 cr. hrs.
- Psy./Soc. Dynamics of Coaching	
Business Courses	32 cr. hrs.
ACCT 141 and 142	8 cr. hrs.
- Principles	
CIS 171	3 cr. hrs.
- Introduction to Information Systems	
BUS 251 and 252	6 cr. hrs.
- Principles of Economics	
CIS 262	3 cr. hrs.
- Computer Applications	
BUS 281	3 cr. hrs.
- Business Law	
BUS 301	3 cr. hrs.
- Principles of Finance	
BUS 361	3 cr. hrs.
- Management	
BUS 362	3 cr. hrs.
- Marketing	
Electives	8 cr. hrs.
Suggested electives include BUS 151 (Retail Merchandising); BUS 153 (Selling); BUS 253 (Advertising and Sales Promotion). Other electives may be chosen from 300 or 400 level courses, with approval of chairperson.	

LIBERAL STUDIES

1. The Bachelor of Arts (B. A.) degree in Liberal Studies is awarded to those students who complete successfully all of the requirements in the Liberal Studies curriculum as outlined in the curriculum section of this catalog. The section specifies the general education requirements and specialty courses that students must complete, as well as the number of credit hours that must be earned in these areas.
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.S. 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.

Requirements for a BA degree in Liberal Studies

(Minimum of 122 semester hours)

General knowledge core	53 cr. hrs.
Foreign language through the intermediate level	6-12 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.

56 —Bachelor Degree Curricula

Humanities	15 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 academic courses to bring total hours to at least 122 credit hours.

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 or her education by taking advantage of the wide range of courses available throughout the interdisciplinary Liberal Studies curriculum.

MATHEMATICS

Requirements for a B. A. degree in Mathematics

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

General knowledge core..... 50 cr. hrs.

A foreign language or proficiency at the intermediate level. (Based on current course offerings, French is the recommended language.) 12 cr. hrs.

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

Elective courses 27 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.

Achieve a minimum average of 2.50 on all mathematics courses com-
pleted with no grade below a C.

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

Mathematics 210, 211, 310, 315, 340, 351, 430, 470, plus 3 hours of
mathematics at or above the 300 level plus 6 hours of mathematics above the 400
level (excluding certain courses used in teacher education)

Students awarded the B. A. degree in mathematics will have completed a
broad core of liberal studies courses and a breadth of coverage that is typical of
an undergraduate major in mathematics with depth of coverage in two basic areas
- algebra and classical real analysis. The competencies attained by the student
completing this degree should prepare the person well for either graduate study
in mathematics or for entry level positions requiring an undergraduate degree in
mathematics.

MATHEMATICS: TEACHER PREPARATION

Requirements for a B. S. degree in Mathematics: Teacher Preparation

Complete a minimum of 124 semester hours of credit to include:

General knowledge core and electives 53 cr. hrs.

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

Professional studies required for teacher
certification 35 cr. hrs.

(These include 29 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.

Achieve a minimum average of 2.50 on all mathematics courses completed with no grade below a C.

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

Mathematics 210, 211, 310, 325, 340, 351, 430, 460, 480, plus 6 hours of mathematics and or above the 300 level.

Students awarded the B. S. degree in mathematics will have completed a curriculum designed to prepare the student for certification in North Carolina to teach mathematics in grades 9-12. The professional studies component of this curriculum as well as the major courses in mathematics serve the specific purpose of making sure the student meets all required competencies required for certification. Furthermore the breadth and depth of coverage in mathematics will prepare the person for graduate study in mathematics or mathematics education.

MUSIC

1. A baccalaureate degree in music is awarded those students who complete successfully all requirements as outlined in the curriculum section of this catalog. The curriculum section specifies both general education and specialty courses that students must complete, as well as the number of credit hours that must be earned in these areas.
2. All *Baccalaureate* degree programs at Chowan 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 the equivalent hours in an elective as approved by the advisor.
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 at the 200 level and above. Students admitted into the Music Education program must possess a QPA of at least 2.50 at the beginning of the junior year and must maintain this average for graduation.
4. In addition to competence in fundamental reading, writing, and mathematical skills and competence in oral communications, students who receive the Bachelor of Science in Music Education 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-har-

monic tones; (c) Theory Competency - Possess a knowledge of the techniques of composers of the 17th to the 19th 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 hands together, 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 as 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;

Senior recital - each student is expected to present a recital during the 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. In addition, a student may present a partial recital during the junior year.

60 —Bachelor Degree Curricula

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

5. Music Education - students graduating with a degree in Music Education should:
- have competence in the academic or program areas in which certification will occur.
 - understand music students, their needs and how they learn.
 - possess qualities needed to work effectively with students.
 - possess disposition for continued learning as a practicing professional.
 - be able to identify major concepts in the subject area.
 - be able to select content appropriate for level of class.
 - integrate knowledge from various fields.
 - use questioning incorporating various levels of questioning.
 - be able to help students see the importance of materials and topics.
 - be able to specify learner objectives for lessons.
 - be able to specify teaching procedures for lessons.

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)
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	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.

Bachelor Degree Curricula—61

College 101	2 cr. hrs.
Computer Awareness	2 cr. hrs.
P. E. Activity (2 courses)	2 cr. hrs.
Math 120 (or higher)	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 Education

Music Core of Courses - Associate Degree Courses	32 cr. hrs.
Music Workshop - 100A&B, 200A&B	0 cr. hrs.
Music Literature 171	2 cr. hrs.
Music Theory - 151-152; 251-252 101-102; 201-202	16 cr. hrs.
Ensemble - 181-182; 281-282 or 191-192; 291-292	4 cr. hrs.
Applied Music - 111-112; 211-212	8 cr. hrs.
Music Methods	2 cr. hrs.
Music Core of Courses - B. S. in Music Education	28-29 cr. hrs.
(In addition to the above)	
Music Workshop - 300A&B; 400A	0 cr. hrs.
Music History 271 & 372	6 cr. hrs.
Music Methods	4 cr. hrs. (3)*
Applied Music - 311-312; 411-412	7 cr. hrs.
Elementary Music Methods & Materials 341	3 cr. hrs.
Secondary Music Methods & Materials 342	3 cr. hrs.

62 —*Bachelor Degree Curricula*

Ensemble 381-382; 481 or 391-392; 491	3 cr. hrs.
Conducting & Arranging 441	3 cr. hrs.

Professional Education Courses

(Required of B. S. in Music Education)	30 cr. hrs.
Intro. to Teaching 201	3 cr. hrs.
Intro. to Special Education 301	3 cr. hrs.
Analysis of Research & Teaching 305	3 cr. hrs.
Reading in the Content Area 310	2 cr. hrs.
Educational Psychology 310	3 cr. hrs.
Developmental Psychology 306	3 cr. hrs.
Foundations of American Education 401	3 cr. hrs.
Directed Student Teaching 420	9 cr. hrs.
Seminar in Student Teaching 421	1 cr. hrs.

General College Core of Courses

(Required of B. S. in Education)	47 cr. hrs.
English 101-1 st 2	6 cr. hrs.
American or English Literature	3 cr. hrs.
Speech 210 or 211	3 cr. hrs.
College 101	2 cr. hrs.
P. E. Activity Courses	2 cr. hrs.
Math 120 (or higher level)	3 cr. hrs.
Computer Awareness	2 cr. hrs.
Health 201	3 cr. hrs.
Religion	6 cr. hrs.
Laboratory Science	8 cr. hrs.
History	3 cr. hrs.
Art or Drama 161	3 cr. hrs.
Elective	3 cr. hrs.
TOTAL REQUIRED HOURS	136-138 cr. hrs.

*Students who elect to study voice as a principal instrument do not have to take Music Methods 131 (Vocal Methods).

PRINTING PRODUCTION AND IMAGING TECHNOLOGY

1. The Bachelor of Science (B. S.) in Printing Production & Imaging Technology degree is awarded to those students who complete successfully all requirements in the Printing curriculum, as outlined in the curriculum section of this catalog. This section specifies both general education and specialty courses that students must complete, as well as the number of credit hours which must be earned in these areas.
2. The B. S. in Printing Production & Imaging Technology requires completion of a minimum of 129 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 Printing Production & Imaging Technology 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 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 tray and automatic film processors; (d) prepare a variety of offset printing plates through the effective use of stripping 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 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 applications of each; (h) demonstrate appropriate skills and work habits through an internship agreement with a commercial printing company; (i) to operate equipment used in the packaging and specialty printing industry to include screen printing, flexographic, and web offset 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) a basic understanding of the Judeo-Christian heritage; (l) a knowledge of safety and skills in a lifetime leisure sport or physical fitness activity.

Requirements for the B. S. in Printing Production & Imaging Technology:

General knowledge core 53 cr. hrs.

Required printing courses

Graphic Arts I 101	4 cr. hrs.
Imaging Technology I 111	4 cr. hrs.
Graphic Arts II 121	4 cr. hrs.
Specialty Printing 131	4 cr. hrs.
Imaging Technology 213	4 cr. hrs.
Technical Photography 223	3 cr. hrs.
Printing Applications I 233	4 cr. hrs.
Electronic Imaging & Color Reproduction 311	3 cr. hrs.
Paper and Ink 331	2 cr. hrs.
Printing Applications II 341	4 cr. hrs.
Current Trends in Graphic Communications 442	2 cr. hrs.
Printing Production Planning 443	4 cr. hrs.
Internship 451	10 cr. hrs.

Related courses in Business

Business Law 281	3 cr. hrs.
Keyboarding for Information Processing 101	3 cr. hrs.
Introduction to Business 110	3 cr. hrs.
Principles of Accounting 141	4 cr. hrs.
Principles of Economics 251 or 252	3 cr. hrs.
Management 361	3 cr. hrs.

Free Electives 6 cr. hrs.

RELIGION

The Bachelor of Arts (B. A.) degree in Religion requires the successful completion of a minimum of 126 semester hours, exclusive of physical education activity courses, 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.

The baccalaureate degree with a major in religion has been designed to provide an appropriate undergraduate educational experience for three primary constituencies: (1) pre-seminarians, whose vocational goals include some form of church-related ministry; (2) students who may plan to earn graduate degrees, with a view towards teaching religion at the secondary or college level; and (3) persons who seek a broader knowledge of religion, in general, and of the Judeo-Christian heritage, in particular, in order to be more effective leaders in their churches and communities.

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 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 department 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.

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, exclusive of physical education activity courses, 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

SCIENCE

The Department of Science seeks to provide students with a sound foundation in the biological and physical sciences. The curriculum is designed to prepare students for careers in teaching, 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, physical therapy, veterinary medicine, optometry, pharmacy, dental hygiene, medical technology, and/or other professional areas requiring a background in the natural sciences.

Those who graduate with a B. S. in Science must possess a minimum QPA of 2.00 on all science courses as well as 2.00 overall and must complete a minimum of 122 semester hours of which no more than two are in physical education activity courses. A major consists of 30 credit hours at the 200 level or above. Students pursuing the B. S. in Science may elect a concentration in either biology, physical science or science education.

The B. S. degree is awarded to those students who complete successfully all of the requirements as outlined in the curriculum section of this catalog. Students who receive the B. S. in Science, with an emphasis in either biological or physical science, are expected to possess the following basic minimum competencies: (a) competence in the collection of quantitative and qualitative data; (b) competence in a broad understanding of physical, biological, and computer science; (c) competence in evaluating situations analytically; and (d) competence in essential scientific ideas, concepts, and skills.

SCIENCE EDUCATION

Students who complete requirements in the Science major and who complete necessary requirements in the Department of Education, may seek secondary teaching certification in comprehensive science. See materials in the Education section of this catalog. Admission into the Science Education program requires a grade point average of 2.5, and this minimum average must be maintained.

B.S. in Science

General knowledge core (other than science/math)	40 cr. hrs.
Required core science courses	40-41 cr. hrs.
Biology 101, 102	8 cr. hrs.
Chemistry 101, 102	8 cr. hrs.
Physics 101, 102	8 cr. hrs.
Organic 275	4 cr. hrs.
Math 133, 135	6 cr. hrs.
Pascal 295	3 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.*

Organic 276	4 cr. hrs.
Biochemistry 325	4 cr. hrs.
Physical Chemistry 335	4 cr. hrs.
Chemical Analysis 455	4 cr. hrs.
Chemistry 490	1-6 cr. hrs.
Physics 203, 204	8 cr. hrs.
Astronomy 210	4 cr. hrs.
Earth Science 211	4 cr. hrs.
Physics 490	1-6 cr. hrs.
Ecology 301	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.
Biology 490	1-6 cr. hrs.
Total General knowledge core plus science core plus the above	106-107 cr. hrs.

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

TOTAL MINIMUM REQUIRED HOURS FOR GRADUATION
(includes no more than two PE credits) 122 cr. hrs.

Requirements for the Bachelor of Science in Science Education

General knowledge core (other than science/math and computers) ..	40 cr. hrs.
Required core science courses	48-49 cr. hrs.
Biology 101, 102	8 cr. hrs.
Chemistry 101, 102	8 cr. hrs.
Physics 101, 102	8 cr. hrs.
Math 133, 135	6 cr. hrs.
Pascal 295	3 cr. hrs.
Math 205 or 210	(3-4) cr. hrs.
Organic 275	4 cr. hrs.
Astronomy 210	4 cr. hrs.
Earth Science 211	4 cr. hrs.

Pick a minimum of 16 semester credit hours from either biology or chemistry to complete requirements for a science education major.*

Organic 276	4 cr. hrs.
Biochemistry 325	4 cr. hrs.

68 —*Bachelor Degree Curricula*

Physical Chemistry 335	4 cr. hrs.
Chemical Analysis 460	4 cr. hrs.
Chemistry 490	1-6 cr. hrs.
Physics 203, 204	8 cr. hrs.
Physics 490	1-6 cr. hrs.
Ecology 301	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.
Biology 490	1-6 cr. hrs.
Total General knowledge core plus science core plus the above	104-105 cr. hrs.
For science education courses, see elsewhere in the catalog:	35 cr. hrs.
*The additional 16 credit hours may be chosen to fit the students major area of interest: biology or chemistry.	
TOTAL MINIMUM REQUIRED HOURS FOR GRADUATION	
(includes two PE credits)	139-140 cr. hrs.

BACHELOR OF APPLIED SCIENCE (BAS)

The Bachelor of Applied Science (BAS) degree is awarded to students transferring to Chowan College with an Associate in Applied Science Degree or its equivalent from a program in a regionally accredited two-year college or technical school.

Requirements. Chowan will accept in transfer a maximum of 64 semester hours from students who have the associate's degree or equivalent in applied science or health science from a regionally accredited two-year college or technical college. These 64 semester hours must include at least 36 in the major, as well as appropriate certification by national and state boards. The bachelor's degree from Chowan requires completion of a minimum of 128 semester hours, at least 64 of which must be earned at Chowan. These include completion of the required core courses at Chowan, unless these courses were completed elsewhere. Further, the student must complete a minimum of 27 hours of elective credit at the upper level (courses numbered at the 300-400 level). The 36 or more semester hours earned in applied science or health science at the two-year institution will represent the student's major. By way of example, a student who transfers to Chowan with an Associate Degree in Criminal Justice may earn the Bachelor of Applied Science in Criminal Justice. Note should be taken that Chowan will not normally offer an applied science or health science degree in an area where the college offers the B.A. or B.S.

These programs are designed to fill a real need for persons who require an earned bachelor's degree for personal or job-related reasons.

The Curricula

ASSOCIATE DEGREE PROGRAMS

Chowan College offers the associate degree to those students who complete successfully all of the requirements in one of those curricula outlined in this catalog and who possess a minimum average of 2.00 on all work attempted. All associate degree programs require completion of a minimum of 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. Following is additional information concerning each of the degrees and diplomas offered by Chowan College.

ASSOCIATE OF ARTS (A. A.)

1. The A. A. degree is awarded to those students who complete successfully all of the requirements in one of the following curricula as outlined in the curriculum section of this catalog: Liberal Arts, Pre-Psychology/Sociology. The curriculum section specifies both general and specialty courses that students must complete, as well as the number of credit hours that must be earned in these areas.
2. All degree programs at Chowan College require completion of a minimum of 60 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 the 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. 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 sciences specified by the student's curriculum; (i) A knowledge of safety and skills in a lifetime leisure sport or physical fitness activity.

ASSOCIATE OF SCIENCE (A.S.)

1. The A. S. degree is awarded to those students who complete successfully all of the requirements in one of the following curricula as outlined in the curriculum section of this catalog: Business Administration, Pre-Agriculture, Pre-Athletic Training Education, Pre-Computer Science, Pre-Dental, Pre-Dental Hygiene, Pre-Engineering, Pre-Forestry, Pre-Medical, Pre-Medical Illustration, Pre-Medical Technology, Pre-Nursing, Pre-Pharmacy, Pre-Physical Therapy, Pre-Pulp and Paper Science and Technology, Pre-Veterinary Medicine, Science, Social Studies. The curriculum section specifies both general education and specialty courses that students must complete, as well as the number of credit hours that must be earned in these areas.
2. All degree programs at Chowan College require completion of a minimum of 60 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 the 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. Students who receive the A. S. degree are expected to possess 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; (c) Mathematics skills as measured by the

completion of those math courses designated in the particular curriculum; (d) Oral communication skills as measured by the successful completion of a course in speech; (e) A basic understanding to the Judeo-Christian heritage as measured by the successful completion of courses in religion; (f) Competence in the collection of quantitative and qualitative data and in analytically evaluating situations using the scientific approach; (g) A knowledge of safety and skills in a lifetime leisure sport or a physical fitness activity.

ASSOCIATE IN MUSIC (A.M.)

1. The A. M. degree is awarded to those students who complete successfully all requirements outlined in the curriculum section of this catalog. The curriculum section specifies both general education and specialty courses that students must complete, as well as the number of credit hours that must be earned in these areas.
2. All degree programs at Chowan College require completion of a minimum of 60 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 the 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 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 19th 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 2 octaves, hands together, all major and minor, diminished and dominant seventh arpeggios 2 octaves, hands together; 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 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 from 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.

ASSOCIATE IN PHOTOGRAPHY (A. P.)

NOTE: This program will not be offered after the 1993-94 academic year.

1. The A. P. degree is awarded to those students who complete successfully all requirements in the Photography curriculum, as outlined in the curriculum section of this catalog. This section specifies both general education and specialty courses that students must complete, as well as the number of credit hours which must be earned in these areas.
2. All degree programs at Chowan College require completion of a minimum of 60 semester hours in academic work, plus 2 semester hours in physical education activity classes. 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 the 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 A. P. degree are expected to possess the following competencies and expertise: (a) Refined use of the 35mm camera, through-the-lens meter and interchangeable lenses in the shooting of editorial photography assignments; (b) Effective use of all standard B & W negative and color transparency still camera films in 35mm and 4x5 formats; (c) A practical understanding of the personalization of film speed indices and film

development procedures; (d) A refined understanding of good B & W and color print quality and the techniques needed for consistent production; (e) Effective use of hand-held exposure meters; (f) Effective use of large format cameras and films, and of tungsten studio lighting equipment in small product illustration; (g) Basic familiarity with the design, construction, and propping of small product studio sets; (h) Successful application of the 4x5 view camera in pictorial, architectural, and industrial assignments; (i) A basic understanding of the application of automatic and manual camera-mounted electronic flash units and of studio flash units and associated equipment; (j) A basic understanding of the uses of lighting, medium format camera techniques, and posing in portrait photography and fashion illustration, in the studio and on location; (k) A basic understanding of the techniques needed for quality copying of 2 dimensional art; (l) Familiarity with the major types of assignments required of persons working in the major fields of photograph career specialization; (m) A basic understanding of the legal status of both freelance and staff photographers, with respect to civil and copyright laws; (n) A basic understanding of some aspects of the conduct of photographic business, including estimating, charging, working effectively with photo finishing laboratories, selling through stock companies, and portfolio preparation and tailoring for job and client interview; (o) A basic understanding of the Judeo-Christian heritage; (p) A knowledge of safety and skills in a lifetime leisure sport of physical fitness activity.

ASSOCIATE IN PRINTING PRODUCTION & IMAGING TECHNOLOGY (A.P.P.I.T.)

1. The A.P.P.I.T. degree is awarded to those students who complete successfully all requirements in the Printing Technology curriculum, as outlined in the curriculum section of this catalog. This section specifies both general education and specialty courses that students must complete, as well as the number of credit hours which must be earned in these areas.
2. All degree programs at Chowan College require completion of a minimum of 60 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 the 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 A.P.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 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 try and automatic film processors; (d) Prepare a variety of offset printing plates through the effective use of stripping 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, 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.

ASSOCIATE IN ACCOUNTANCY (A.ACCT.)

1. The A. Acct. degree is awarded to those students who complete successfully all requirements in the Accounting curriculum, as outlined in the curriculum section of this catalog. This section specifies both general education and specialty courses that students must complete, as well as the number of credit hours which must be earned in these areas.
2. All degree programs at Chowan College require completion of a minimum of 60 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 the 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 A. Acct. degree are expected to possess the following competencies: (a) An introductory knowledge of business computer systems and application software using microcomputers; (b) A knowledge of the mathematics of finance; (c) An introductory knowledge of accounting as the language of business and an understanding of the elementary principles of recording, summarizing, reporting, and interpreting financial data; (d) Competence in maintaining accounting records and preparing external reports for proprietorships, partnerships, and corporations; (e) Competence in the preparation, analysis, and interpretation of accounting and financial data for internal reporting and decision making; (f) An introductory knowledge of taxation and the ability to prepare basic federal tax returns for individuals (primarily), partnerships, and corporations; (g) An

understanding of the principles of macroeconomics and microeconomics; (h) An introductory knowledge of the American legal system as it relates to business situations; (i) A basic understanding of the Judeo-Christian heritage; (j) A knowledge of safety and skills in a lifetime leisure sport or physical fitness activity.

ASSOCIATE IN COMPUTER INFORMATION SYSTEMS (A. C. I. S.)

1. The A. C. I. S. degree is awarded to those students who complete successfully all requirements of the Computer Information Systems curriculum, as outlined in the curriculum section of this catalog. This section specifies both general education and specialty courses that students must complete, as well as the number of credit hours which must be earned in these areas.
2. All degree programs at Chowan College require completion of a minimum of 60 semester hours in academic 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 the 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 A. C. I. S. degree are expected to possess the following competencies: (a) An introductory knowledge of business computer systems and application software using microcomputers; (b) An introductory knowledge of computer program design and development; (c) Facility in the use of a computer programming language; (d) The ability to apply the operating system functions and commands of popular microcomputer operating systems; (e) Experience in the use of spreadsheet, database, and word processing software for microcomputers; (f) A general knowledge of the methodologies used in developing business-oriented information systems; (g) Ability to create a database and generate programs to implement a business application; (h) An introductory knowledge of accounting as the language of business and an understanding of the elementary principles of recording, summarizing, reporting, and interpreting financial data; (i) Competence in maintaining accounting records and preparing external reports for proprietorships, partnerships, and corporations; (j) Basic competence in the preparation, analysis, and interpretation of accounting and financial data for internal reporting and decision making; (k) An understanding of the principles of macroeconomics and microeconomics; (l) A basic understanding of the Judeo-Christian heritage; (m) A knowledge of safety and skills in a lifetime leisure sport of physical fitness activity.

ASSOCIATE IN GENERAL BUSINESS (A. G. B.)

1. The A. G. B. degree is awarded to those students who complete successfully all requirements in the General Business curriculum, as outlined in the curriculum section of this catalog. This section specifies both general education and specialty courses that students must complete, as well as the number of credit hours which must be earned in these areas.
2. All degree programs at Chowan College require completion of a minimum of 60 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 the 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 A. G. B. degree are expected to possess the following competencies: (a) An comprehensive introductory knowledge of the business world through exposure to a variety of business topics; (b) A knowledge of business computer systems development; a general knowledge of the methodologies used in developing business information systems; and a basic competence in identifying and explaining the functions of the basic hardware components of a typical computer system; (c) A knowledge of computer application software including database management systems, spreadsheets, word processing and operating systems; (d) A basic competence in creating a database, manipulating data within a database; developing spreadsheets and formulas in solving business problems; handling and caring for storage media; entering, retrieving, and revising documents using a word processor; and problem solving as it relates to hardware and software; (e) A knowledge of the mathematics of finance; (f) An introductory knowledge of accounting as the language of business and an understanding of the elementary principles of recording, summarizing, reporting, and interpreting financial data; (g) Competence in maintaining accounting records and preparing external reports for proprietorships, partnerships, and corporations; (h) Basic competence in the preparation, analysis, and interpretation of accounting and financial data for internal reporting and decision making; (i) An understanding of the principles of macroeconomics and microeconomics; (j) An introductory knowledge of the American legal system as it relates to business situations; (k) An awareness of the multitude of career opportunities in business; (l) An awareness of the appropriate grooming, attire, qualities, and personal characteristics commonly attributed to successful people in business and other professional organizations; (l) a desire to continue life-long learning practices and procedures in the area of business; (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.

ASSOCIATE IN MERCHANDISE MANAGEMENT (A. M. M.)

1. The A. M. M. degree is awarded to those students who complete successfully all requirements in the Merchandise Management curriculum, as outlined in the curriculum section of this catalog. This section specifies both general education and specialty courses that students must complete, as well as the number of credit hours which must be earned in these areas.
2. All degree programs at Chowan College require completion of a minimum of 60 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 the 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 A. M. M. degree are expected to possess the following competencies:
(a) An applicable understanding of the principles and practices of retail store operations, ownership, and management; (b) A knowledge of the fundamental principles of effective selling and how to analyze products/services and their potential markets; (c) An understanding of the techniques and theory of advertising and sales promotion activities as they relate to the retailing industry; (d) A basic knowledge of how the marketing functions encourage, permit, and secure the profitable distribution of goods and services from the producer to the ultimate consumer and industrial user; (e) A knowledge of and experience with the safe and effective visual presentation of merchandise; (f) An introductory knowledge of accounting as the language of business and an understanding of the elementary principles of recording, summarizing, reporting, and interpreting financial data; (g) An introductory knowledge of business computer systems and application software using microcomputers; (h) An awareness of the appropriate grooming, attire, qualities, and personality characteristics commonly attributed to successful people in business and other professional organizations; (i) A knowledge of the mathematics of finance; (j) A basic understanding of the Judeo-Christian heritage; (k) A knowledge of safety and skills in a lifetime leisure sport or physical activity.

General Statement

The associate degree curricula which follow are presented in outline form and provide a model for degree completion in two years. Students who must take non-credit, developmental courses may not be able to complete requirements in two years. This will also be the case with students who feel that they need to proceed at a slower rate.

LIBERAL ARTS

(Requirements for the Associate Degree)

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

SOCIAL STUDIES

(Requirements for the Associate Degree)

First Year, First Semester	English 101 (3) Math 133 (3) Religion 111 (3) Government 108 (3) History 101 (3) Physical Education (1) (Total-16)
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Associate Degree Curricula—79

Second Semester	English 102 (3) Math 135 or 205 (3) Religion 112 (3) Geography 151 (3) History 102 (3) Computer Awareness 101 (2)(Total-17)
Second Year, First Semester	Psychology 201 (3) Laboratory Science (4) History 201 or Sociology 107 (3) Music, Art, or Drama 161 (3) Speech 210 or 211 (3) Physical Education (1) (Total-17)
Second Year, Second Semester	Literature (3) Laboratory Science (4) History 202 or Psychology 306 (3) Sociology 205 (3) Elective (3) (Total-16)

PRE-PSYCHOLOGY OR SOCIOLOGY

(Requirements for the Associate Degree)

First Year, First Semester	English 101 (3) Math 133 (3) Computer Awareness 101 (2) Foreign Language (3)* History 101 or 201 (3) College 101 (2) Physical Education (1) (Total-17)
Second Semester	English 102 (3) Math 135 or 205 (3) Religion 111 (3) Foreign Language (3)* History 102 or 202 (3) Elective (3) (Total-18)

80 —Associate Degree Curricula

Second Year, First Semester	English 201 or 203 (3) Foreign Language (3)* Psychology 201 (3) Sociology 205 (3) Laboratory Science (4) Physical Education (1) (Total-17)
Second Semester	Speech 210 or 211 (3) Foreign Language (3)* Psychology 306 or Sociology 107 (3) Religion 112 (3) Laboratory Science (4) (Total-16)

*Must satisfy foreign language requirement through intermediate level.

MUSIC

(Requirements for the Associate Degree)

First Year, First Semester	English 101 (3) College 101 (2) Music Theory 151 (3) Music Theory 101 (1) Ensemble (1) Applied Music (2) Math 130 (or 133)(2 or 3) Computer Awareness 101 (2) Physical Education (1) (Total 17-18)
Second Semester	English 102 (3) Music Literature 171 (2) Music Theory 152 (3) Music Theory 102 (1) Physical Education (1) Ensemble (1) Applied Music (2) Math 131 (or 135/205)(2 or 3) (Total 15-16)
Second Year, First Semester	English 201, 203, or 204 (3) Religion 111 (3) Music Theory 251 (3) Music Theory 201 (1) Ensemble (1) Applied Music (2)

Associate Degree Curricula—81

Class Methods 221 (1)
History 101, 102, 201, 202 (3)
(Total-17)

Second Semester

Speech 210 or 211 (3)
Religion 112 (3)
Music Theory 252 (3)
Music Theory 202 (1)
Ensemble (1)
Applied Music (2)
Class Methods 222 (1)
Elective (3) (Total-17)

MUSIC BUSINESS

(Requirements for the Associate Degree)

First Year, First Semester

English 101 (3)
Music Theory 151 (3)
Music Theory 101 (1)
College 101 (2)
Piano 111 (1)
Music Ensemble (1)
Math 130 (or 133) (2 or 3)
History 101, 102, 201, or 202 (3)
Computer Awareness 101 (2)
(Total 18-19)

Second Semester

English 102 (3)
Music Theory 152 (3)
Music Theory 102 (1)
Music Literature 171 (2)
Piano 112 (1)
Ensemble (1)
Math 131 (or 135/205) (2 or 3)
Elective (3)
Physical Education (1) (Total 17-18)

Second Year, First Semester

English 201, 202, 203, or 204 (3)
Religion 111 (3)
Piano 211 (1)
Ensemble (1)
Woodwind Methods (1)
Economics 252 (3)
Lab. Science (4)
Physical Education (1) (Total-17)

82 —Associate Degree Curricula

Second Semester	Speech 210 or 211 (3)	
	Religion 112 (3)	
	Piano 212 (1)	
	Ensemble (1)	
	Brass Methods (1)	
	Accounting 141 (4)	
	Psychology 201 (3)	(Total-16)

PRE-MEDICAL ILLUSTRATION

(Requirements for the Associate Degree)

First Year, First Semester	English 101 (3)	
	Math 120 or 133 (3)	
	Biology 101 (4)	
	Physical Education (1)	
	Color and Design 171 (3)	
	Drawing 101 (3)	(Total-17)
Second Semester	English 102 (3)	
	Social Science Elective (3)	
	Biology 102 (4)	
	Religion 111 (3)	
	Drawing 102 (3)	
	Computer Awareness 101 (2)	(Total-18)
Second Year, First Semester	Biology 221 (4)	
	Art Appreciation 161 (3)	
	Illustration 371 (3)	
	Painting 241 or 242 (3)	
	Literature (3)	
	Physical Education (1)	(Total-17)
Second Semester	Biology 222 (4)	
	Elective (3)	
	Illustration 372 (3)	
	Religion 112 (3)	
	Speech 210 or 211 (3)	(Total-16)

PRE-ENGINEERING

(Requirements for Associate Degree)

First Year, First Semester	English 101 (3) Math 139 (5) Math 111 (2) Chemistry 101 (4) College 101 (2) Computer Awareness 101 (2) (Total-18)
Second Semester	English 102 (3) Math 210 (4) Elective (3) Chemistry 102 (4) Religion 111 (3) (Total-17)
Second Year, First Semester	English 201, 202, 203, or 204 (3) Physics 203 (4) Math 211 (4) Economics 251 (3) Religion 112 (3) Physical Education (1) (Total-18)
Second Semester	History Elective (3) Physics 204 (4) Math 310 or elective (3 or 4) Math 315 or elective (3) Speech 210 or 211 (3) Physical Education (1) (Total 17-18)

PRE-COMPUTER SCIENCE

(Requirements for the Associate Degree)

First Year, First Semester	English 101 (3) Mathematics 139 (5)* Religion 111 (3) Science Elective (4)** College 101 (2) Physical Education (1) (Total-18)
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84 —Associate Degree Curricula

Second Semester	English 102 (3) Mathematics 210 (4) Religion 112 (3) Science Elective (4)** Computer Science Elective (3) (Total-17)
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Second Year, First Semester	English 201, 202, 203, or 204 (3) Mathematics 211 (4) Physics 101 (4) Economics 251 (3) Social Science Elective (3) (Total-17)
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Second Semester	Speech 210 or 211 (3) Mathematics 205 (3) Physics 102 (4) Intro. to Pascal 295 (3) Physical Education (1) Elective (3) (Total-17)
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*Math 133 and 135 will satisfy this requirement.

**Both must be in the same area.

PRE-OPTOMETRY

(Requirements for the Associate Degree)

First Year, First Semester	English 101 (3) Math 133 (3) Biology 101 (4) Chemistry 101 (4) College 101 (2) Religion 111 (3) (Total-19)
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Second Semester	English 102 (3) Math 135 (3) Biology 102 (4) Chemistry 102 (4) Physical Education (1) Computer Awareness 101 (2) (Total-17)
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Second Year, First Semester	Chemistry 275 (4) Physics 101 (4) Psychology 201 (3) Speech 210 or 211 (3) Religion 112 (3) Physical Education (1) (Total-18)
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Second Semester

Math 205 or 210 (3 or 4)
Physics 102 (4)
Microbiology 341 (4)
Elective (3)
History 101 or 102 (3) (Total 17-18)

PRE-FORESTRY

(Requirements for the Associate Degree)

First Year, First Semester

English 101 (3)
Math 133 (3)
Biology 101 (4)
Chemistry 101 (4)
College 101 (2)
Physical Education (1) (Total-17)

Second Semester

English 102 (3)
Math 135 (3)
Biology 102 (4)
Chemistry 102 (4)
Computer Awareness 101 (2)
Elective (3) (Total-19)

Second Year, First Semester

Math 210 (4)
Speech 211 (3)
Physics 101 (4)
Economics 251 (3)
Religion 111 (3)
Physical Education (1) (Total-18)

Second Semester

Math 211 (4)
English 201, 202, 203, or 204 (3)
Physics 102 (4)
Economics 252 (3)
Religion 112 (3) (Total-17)

PRE-PULP AND PAPER SCIENCE AND TECHNOLOGY

(Requirements for the Associate Degree)

First Year, First Semester

English 101 (3)
Math 133 (3)
Biology 101 (4)
Chemistry 101 (4)

86 —Associate Degree Curricula

Religion 111 (3)
Physical Education (1) (Total-18)

Second Semester
English 102 (3)
Math 135 (3)
Biology 102 (4)
Chemistry 112 (4)
Religion 102 (3)
Computer Awareness 101 (2) (Total-19)

Second Year, First Semester
Elective (3)
Chemistry 275 (4)
Math 210 (4)
Math 111 (2)
Physics 101 or 203 (4)
Physical Education (1) (Total-18)

Second Semester
Speech 211 (3)
Chemistry 276 (4)
Economics 251 (3)
Math 211 (4)
Physics 102 or 204 (4) (Total-18)

PRE-AGRICULTURE

(Requirements for the Associate Degree)

First Year, First Semester
English 101 (3)
Math 133 (3)
Biology 101 (4)
Chemistry 101 (4)
College 101 (2)
Physical Education (1) (Total-17)

Second Semester
English 102 (3)
Math 135 (3)
Biology 102 (4)
Chemistry 102 (4)
Computer Awareness 101 (2)
Physical Education (1) (Total-17)

Second Year, First Semester
English 201, 202, 203, or 204 (3)
Religion 111 (3)
Physics 101 (4)
Math 210 (4)
Economics 251 (3) (Total-17)

Second Semester	Speech 211 (3) Religion 112 (3) Physics 102 (4) Economics 252 (3) Elective (3)	(Total-16)
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PRE-DENTAL HYGIENE *

(Requirements for the Associate Degree)

First Year, First Semester	English 101 (3) Biology 101 (4) Math 133 (3) Chemistry 101 (4) College 101 (2) Computer Awareness 101 (2) (Total-18)	
Second Semester	English 102 (3) Biology 102 (4) Math 205 (3) Chemistry 102 (4) Religion 111 (3)	(Total-17)
Second Year, First Semester	English 201 or 203 (3) Biology 221 (4) Psychology 201 (3) Religion 112 (3) Speech 210 (3) Physical Education (1)	(Total-17)
Second Semester	Elective (3) Biology 222 (4) Sociology 205 (3) History 101 (3) Biology 341 (4) Physical Education (1)	(Total-18)

*The program listed includes most of the requirements for entrance into many Dental Hygiene schools. Specific schools may, however, have different admission requirements. Therefore, students enrolling in the above program at Chowan College should review with their advisor the requirements of the particular school to which they wish to transfer. This program, with the advisor's approval, may be altered to fit the needs of the particular student.

**PRE-MEDICAL, PRE-DENTAL,
PRE-VETERINARY MEDICINE**
(Requirements for the Associate Degree)

First Year, First Semester	English 101 (3) Math 133 (3) Chemistry 101 (4) Biology 101 (4) College 101 (2) Physical Education (1)	(Total-17)
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Second Semester	English 102 (3) Math 135 (3) Chemistry 102 (4) Biology 102 (4) Computer Awareness 101 (2) Physical Education (1)	(Total-17)
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Second Year, First Semester	Religion 111 (3) Chemistry 275 (4) Physics 101 (4) Elective (3) Psychology 201 or Sociology 205 (3)	(Total-17)
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Second Semester	Religion 112 (3) Chemistry 276 (4) Physics 102 (4) Elective (3) Speech 210 or 211 (3)	(Total-17)
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PRE-PHARMACY

(Requirements for the Associate Degree)

First Year, First Semester	English 101 (3) Biology 101 (4) Chemistry 101 (4) Math 133 (3) College 101 (2) Computer Awareness 101 (2)	(Total-18)
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Second Semester	English 102 (3) Biology 102 (4) Chemistry 102 (4) Math 135 (3) Religion 111 (3)	(Total-17)
Second Year, First Semester	Economics 251 (3) Physics 101 (4) Chemistry 275 (4) English 201 or 203 (3) Religion 112 (3) Physical Education (1)	(Total-18)
Second Semester	Physics 102 or Biology 341 (4) Chemistry 276 (4) Elective (3) Speech 210 or 211 (3) Physical Education (1)	(Total-15)

PRE-PHYSICAL THERAPY *

(Requirements for the Associate Degree)

First Year, First Semester	English 101 (3) Biology 101 (4) Chemistry 101 (4) Math 133 (3) College 101 (2) Physical Education (1)	(Total-17)
Second Semester	English 102 (3) Biology 102 (4) Chemistry 102 (4) Math 205 (3) Computer Awareness 101 (2) Physical Education (1)	(Total-17)
Second Year, First Semester	English 201 or 203 (3) Physics 101 (4) Psychology 201 (3) Religion 111 (3) Elective (3)	(Total-16)

90 —Associate Degree Curricula

Second Semester	English 202 or 204 (3) Speech 210 (3) Sociology 205 (3) Religion 112 (3) Physics 102 (4)	(Total-16)
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*All colleges and universities do not have the same requirements. It is, therefore, advisable that students entering this program decide early the college they wish to attend so that adjustments in the above curriculum can be made to meet the requirements of that institution.

PRE-MEDICAL TECHNOLOGY *

(Requirements for the Associate Degree)

First Year, First Semester	English 101 (3) Chemistry 101 (4) Biology 101 (4) Math 133 (3) College 101 (2) Computer Awareness 101 (2)	(Total-18)
Second Semester	English 101 (3) Chemistry 102 (4) Biology 102 (4) Math 205 (3) Religion 111 (3) Physical Education (1)	(Total-18)
Second Year, First Semester	Chemistry 275 (4) Psychology 201 (3) Biology 221 (4) Religion 112 (3) Elective (3) Physical Education (1)	(Total-18)
Second Semester	Biology 341 (4) Sociology 205 (3) Biology 222 (4) Chemistry 276 (4) Speech 210 or 211 (3)	(Total-18)

* All colleges and universities do not have the same requirements. It is therefore advisable that students entering this program decide early the college they wish

to attend so that adjustments in the above curriculum can be made to meet the requirements of the institution.

PRE-NURSING *

(Requirements for the Associate Degree)

First Year, First Semester	English 101 (3) Biology 101 (4) College 101 (2) Math 133 (3) Chemistry 101 (4) Computer Awareness 101 (2) (Total-18)	
Second Semester	English 102 (3) Biology 102 (4) Religion 111 (3) Chemistry 102 (4) Speech 211 (3) Physical Education (1)	(Total-18)
Second Year, First Semester	English 201 or 203 (3) Biology 221 (4) History 101 (3) Psychology 201 (3) Religion 112 (3) Elective (3)	(Total-19)
Second Semester	English 202 or 204 (3) Sociology 205 (3) Biology 222 (4) History 102 (3) Biology 341 (4) Physical Education (1)	(Total-18)

*All colleges and universities do not have the same admission requirements. Therefore, students should apply at once to the college of their choice so that adjustments in the above curriculum can be made to meet the requirements of that institution.

PRE-ATHLETIC TRAINING EDUCATION

(Requirements for the Associate Degree)

First Year, First Semester	English 101 (3) Math 120 or 133 (3) Biology 101 (4) First Aid/Safety 210 (3) History 101 or 201 (3) College 101 or Elective (2) Athletic Training Prac. 111 (1) (Total-18)
Second Semester	English 102 (3) Math 135 or 205 (3) History 102 or 202 (3) Health 201 (3) Fund. of Athletic Training 105 (3) Athletic Training Prac. 112 (1) Computer Awareness 101 (2) (Total-18)
Second Year, First Semester	English 201, 202, 203, or 204 (3) Biology 221 (4) Religion 111 (3) Psychology 201 (3) Prevention/Management of Ath. Injuries 250 (3) Athletic Training Prac. 211 (1) Physical Education (1) (Total-18)
Second Semester	Speech 210 or 211 (3) Biology 222 (4) Religion 112 (3) Nutrition 260 (3) Elective (3) Athletic Training Prac. 212 (1) Physical Education (1) (Total-18)

BUSINESS ADMINISTRATION

(Requirements for the Associate Degree)

First Year, First Semester	English 101 (3) Religion 111 (3) Mathematics 133 (3)
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Associate Degree Curricula—93

Accounting 141 or Lab Science (4)
Computer Awareness 101 (2)
College 101 (2) (Total-17)

Second Semester
English 102 (3)
Religion 112 (3)
Mathematics 135 or 205 (3)
Accounting 142 or Lab Science (4)
Information Systems 171 (3)
Physical Education (1) (Total-17)

Second Year, First Semester
English 201, 202, 203, 204, 205, or 206 (3)
Lab Science or Accounting 141 (4)
Economics 251 or 252 (3)
Business Law 281 (3)
Accounting 240 or approved Elective (3)
Physical Education (1) (Total-17)

Second Semester
Speech 210 (3)
Lab Science or Accounting 142 (4)
Psychology 201, Accounting 243, or
approved Elective (3)
Computers 272, 262, or approved
Elective (3)
Economics 251 or 252 (3) (Total-16)

ACCOUNTING

(Requirements for the Associate Degree)

The Accounting curriculum is designed for students who desire careers in accounting or accounting related occupations. The associate degree prepares students for the positions of bookkeeper, payroll clerk, accounts receivable clerk, accounts payable clerk, tax returns preparer, accountant for small businesses, and more advanced accounting work positions under the supervision of a staff accountant.

First Year, First Semester
English 101 (3)
Religion 111 (3)
*Mathematics (3)
Accounting 141 (4)
Keyboarding 101 or approved Elective
(2-3)
College 101 (2) (Total 17-18)

94 —Associate Degree Curricula

Second Semester	English 102 (3) Religion 112 (3) *Mathematics (3) Accounting 142 (4) Computer Awareness 101 (2) Physical Education (1) (Total-16)
Second Year, First Semester	English 201, 202, 203, 204, 205, or 206 (3) Accounting 240 (3) Economics 251 or 252 (3) Business Law 281 (3) Computers 271 (3) Physical Education (1) (Total-16)
Second Semester	Computers 262, Psychology 201, or approved Elective (3) Speech 210 or 211 (3) Accounting 243 (3) Economics 251 or 252 (3) Elective (3) (Total-15)

*Complete six hours of mathematics as approved by advisor.

COMPUTER INFORMATION SYSTEMS

(Requirements for the Associate Degree)

The curriculum in Computer Information Systems is designed to prepare students for positions in which they will function as microcomputer specialists.

First Year, First Semester	English 101 (3) Religion 111 (3) Computer Awareness 101 (2) Mathematics 133 (3) Accounting 141 (4) College 101 (2) (Total-17)
Second Semester	English 102 (3) Economics 251 or 252 (3) CIS 171 (3) Accounting 142 (4) Elective (3) (Total-16)

Associate Degree Curricula—95

Second Year, First Semester	English 201, 202, 203, or 204 (3) Religion 112 (3) CIS 262 (3) CIS 261 (3) Elective (3) Physical Education (1) (Total-16)
Second Semester	Speech 210 or 211 (3) CIS 272 (3) Economics 251 or 252 (3) Elective (6) Physical Education (1) (Total-16)

GENERAL BUSINESS

(Requirements for the Associate Degree)

The curriculum in General Business is designed for students who wish two years of collegiate study in a variety of business courses, as well as study in general college courses.

First Year, First Semester	English 101 (3) Religion 111 (3) Math. of Finance 161 (3) Intro. to Business 110 (3) Computer Awareness 101 (2) College 101 (2) Physical Education (1) (Total-17)
Second Semester	English 102 (3) Religion 112 (3) Math 133 (3) CIS 171 (3) Economics 251 or 252 (3) Professional Development 100 (2) (Total-17)
Second Year, First Semester	English 201, 202, 203, 204, 205, or 206 (3) CIS 262 (3) Accounting 141 (4) Lab Science or approved Elective (4 or 3) Business Law 281 (3) (Total 16-17)

96 —Associate Degree Curricula

Second Semester	Speech 210 or 211 (3) Economics 251 or 252 (3) Accounting 142 (4) Lab Science or approved Elective (4 or 3) Physical Education (1) Elective (3) (Total 17-18)
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MERCHANDISE MANAGEMENT

(Requirements for the Associate Degree)

The curriculum in Merchandise Management is designed to prepare students for entry-level positions in the retail industry.

First Year, First Semester	English 101 (3) Religion 111 (3) Retail Merchandising 151 (3) Selling 153 (3) Keyboarding 101 or Elective (2-3) College 101 (2) Physical Education (1) (Total 17-18)
Second Semester	English 102 (3) Religion 112 (3) Math of Finance 161 (3) Advertising and Sales Promotion 253 (3) Economics 251 or 252 (3) Computer Awareness 101 (2) (Total-17)
Second Year, First Semester	Visual Merchandising 255 (3) Speech 210 or 211 (3) CIS 171 (3) Accounting 141 (4) Economics 251 or 252 (3) Professional Development 100 (2) (Total-18)
Second Semester	English 201, 202, 203, or 204 (3) Psychology 201, Business Law 281, History 101, or Elective (3) CIS 262, 272, or Accounting 142 (3-4) Physical Education (1) Electives (6) (Total 16 or 17)

PRINTING TECHNOLOGY & IMAGING TECHNOLOGY

(Requirements for the Associate Degree)

First Year, First Semester	College 101 (2)	
	Graphic Arts I 101 (4)	
	Imaging Technology I 111 (4)	
	Religion 111 (3)	
	English 101 (3)	(Total-16)

Second Semester	Religion 112(3)	
	Graphic Arts II 121 (4)	
	English 102 (3)	
	Computer Awareness 101 (2)	
	Keyboarding or Elective (2 or 3)	
	Physical Education (1)	
		(Total 15 or 16)

Summer Internship (Optional) (3)

Second Year, First Semester	Specialty Printing 131 (4)	
	Imaging Technology II 213 (4)	
	Social Science Elective (3)	
	Mathematics (3)	
	Elective (3)	(Total-17)

Second Semester	Technical Photography 223 (4)	
	Printing Applications I 233 (4)	
	Business Law 281 (3)	
	Speech 210 or 211 (3)	
	Physical Education (1)	
	Elective (3)	(Total-18)

PHOTOGRAPHY

(Requirements for the Associate Degree)*

First Year, First Semester	Photography 101 (4)	
	English 101 (3)	
	Religion 111 (3)	
	Mathematics 120 or 133 (3)	
	Computer Awareness (2)	
	College 101 (2)	
	Physical Education (1)	(Total-18)

98 —Associate Degree Curricula

Second Semester	Photography 102 (4) English 102 (3) Religion 112 (3) History 101 (3) Math 135 or 205 (3) Physical Education (1)	(Total-17)
Second Year, First Semester	Photography 201 (4) Photography 204 (4) Psychology 201 (3) Speech 210 (3) History 102 (3)	(Total-17)
Second Semester	Photography 202 (4) Photography 205 (3) Sociology 205 or Economics 251 (3) Electives (6)	(Total-16)

*This program will not be offered after the 1993-94 academic year.

Courses of Instruction

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

DEPARTMENT OF BUSINESS

Mrs. Dorothy A. Wallace
Chairperson

ACCT 141 Principles of Accounting I 4 cr. hrs.

A first course in accounting principles and procedures. Emphasis is on analyzing, recording, and reporting business transactions for proprietorships and corporations. Topics studied include 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.

Accounting 142 is a continuation of ACCT 141. Emphasis is 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 Managerial Accounting 3 cr. hrs.

An intermediate course in accounting in preparation, analysis, and interpretation of accounting and financial data for 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

100—*Courses of Instruction*

planning process. Prerequisite: ACCT 142. Offered only in the spring semester.

ACCT 341 Intermediate Accounting3 cr. hrs.

Development of financial accounting theory and its applications to problems of financial statements analysis and determination of net income. 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 Accounting3 cr. hrs.

Continuation of ACCT 341 with an emphasis on income measurement and valuation issues related to stockholders' equity, long-term liabilities, special sales methods, accounting changes, pensions, income tax allocations and other related topics. Three class hours per week plus additional sessions for tests. Pre-requisite: 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 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 Accounting3 cr. hrs.

Accounting principles applied to advanced problems encountered in accounting practice. Three class hours per week plus additional sessions for tests. Prerequisite: ACCT 342 with a grade of C or better.

ACCT 442 Auditing3 cr. hrs.

An analysis of accounting control systems and the independent auditor's examination of the accounting procedures and records of the firm. Three class hours per week plus additional sessions for tests. Prerequisite:ACCT 342 with a grade of C or better.

BUS 100 Professional Development2 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 101 Keyboarding for Information Processing2 cr. hrs.**
Designed to teach basic touch keyboarding skills to students entering a variety of fields. Course will be taught on a concentrated basis five hours per week for seven weeks.
- BUS 110 Introduction to Business 3 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.
- BUS 151 Retail Merchandising3 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. Offered only in the fall semester.
- BUS 153 Selling3 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. Offered only in the fall semester.
- BUS 161 Mathematics of Finance3 cr. hrs.**
A study of mathematics for business. Topics include accounting mathematics, simple interest, bank discount, multiple payment plans, compound interest, present value, annuities, sinking funds, and amortization.
- BUS 251 Principles of Economics I3 cr. hrs.**
An introduction to the principles of macroeconomics essential to an understanding of fundamental economic problems and the policy alternatives society may utilize to contend with these problems.
- BUS 252 Principles of Economics II3 cr. hrs.**
An introduction to the principles of microeconomics. Specific economic units are examined, and a detailed consideration of the behavior of these individual units is made.
- BUS 253 Advertising and Sales Promotion3 cr. hrs.**
An introduction to the principles and techniques surrounding advertising and sales promotion activities in business. Emphasis is

102—*Courses of Instruction*

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 255 Visual Merchandising3 cr. hrs.

A course in techniques and theory of display as they relate to retail establishments. Classroom displays, display construction, and the use of display equipment are studied, emphasized, and practiced. Offered only in the fall semester.

BUS 281 Business Law I3 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.

BUS 301 Principles of Finance3 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 251 or 252, and junior standing.

BUS 324 Business Communications3 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.

BUS 351 Money and Banking3 cr. hrs.

Operation of the U.S. commercial and central banking systems, including monetary theory and policy. The functions of money; legal tender and the relation of money and credit to prices; bank deposits; general economic activity; the American banking system; monetary policy and the Federal Reserve System. Prerequisites: BUS 251 and 252.

BUS 352 Managerial Economics3 cr. hrs.

Application of economic theory and methodology to business and management decision making, using economic analysis to analyze and solve managerial problems. Prerequisites: BUS 251 and 252

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 the practical application of theory to actual business situations. Offered only in the spring semester. Prerequisite: Junior standing.

BUS 362 Marketing3 cr. hrs.

Salesmanship, communications, records and credit, personnel management, human relations, means and methods of marketing, and trends in the marketing functions. Includes total understanding of flow and distribution of goods from production to the ultimate consumer. Special attention is given to problems encountered in work situations. Offered only in the spring semester. Prerequisite: Junior standing.

BUS 380 Human Resources Management3 cr. hrs.

Principles and practices involved in the management of an effective work force. Includes policies, procedures, and techniques utilized in the procurement and management of personnel. Emphasis is placed on managerial development and leadership. Prerequisite: BUS 361 and junior standing.

BUS 382 Business Law II3 cr. hrs.

A continuation of Business Law I. Study of law pertaining to debtor-creditor relations, agency, business organizations, government regulations, property protection, and the emerging business environment. Prerequisite: BUS 281

BUS 390 Risk and Insurance3 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 Estate3 cr. hrs.

A basic course surveying real estate principles and practices

104—*Courses of Instruction*

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: BUS 382 and junior standing.

BUS 425 Entrepreneurship3 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 301, BUS 361, BUS 362

BUS 499 Business Internship3 cr. hrs.

Faculty-directed, supervised business-related employment experience in an off-campus work situation or voluntary service activity. 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. Regular conferences are held with a designated faculty coordinator, and periodic written reports are required.

CIS 101 Computer Awareness2 cr. hrs.

An introduction to computers for all students. The student will learn the basic concepts of computer application software (word processing, spreadsheets, and database management), the basic concepts of computer hardware, and the social and cultural implications of computer technology. One hour lecture; 2 hours laboratory.

CIS 171 Introduction to Information Systems3 cr. hrs.

A survey of the need for information processing, the basic information processing cycle and functions, and the processing capabilities of computers and systems development. Key application areas are examined. Three hours lecture. Prerequisite: CIS 101

CIS 261 Microcomputer Operating Systems2 cr. hrs.

A study about and lab application of the operating systems functions and commands that are valuable or necessary in a microcomputer operating system. Graphical user interfaces will be introduced. Three hours lecture/laboratory. Prerequisite: CIS 171. Offered only in the fall semester.

CIS 262 Computer Applications.....3 cr. hrs.

A hands-on microcomputer course providing realistic prac-

tice using beginning and intermediate features of spreadsheet and word processing programs using Lotus 1-2-3 for Windows and WordPerfect for Windows. Emphasis is on problem solving. Three hours lecture; three hours laboratory. Prerequisite: CIS 171.

CIS 272 Program Design and Development3 cr. hrs.

A language-independent introductory course on computer program design and development. Emphasis will be on business problem identification and solution through systems of computer programs. Programs will be described and designed through such tools as structure charts and pseudocode. A selected programming language will be used to implement designs. Three hours lecture; three hours laboratory. Prerequisite: CIS 171 or permission of the instructor. Offered only in the spring semester.

CIS 361 Local Area Networks 2 cr. hrs.

A course designed to teach fundamental proficiency in the use of a network operating system. The focus is on understanding LOGIN and LOGOUT procedures, server access utilities, managing files, directory structure and maintenance, drive mappings, network security, printing and LOGIN scripts. Prerequisite: CIS 261 and 262. Three hours lecture/laboratory. Offered only in the fall semester of even-numbered years.

CIS 371 Programming Language I3 cr. hrs.

A fundamental course in programming using the COBOL language. Skills to be mastered include file maintenance, control break report, array processing and documentation of programs for maintainability. Three hours lecture; three hours laboratory. Prerequisite: CIS 272. Offered only in the fall semester.

CIS 372 Programming Language II3 cr. hrs.

A continuation of Programming Language I. Emphasis will be on more complex file structures and programming problems. Skills to be mastered include multiple file processing (sequential, indexed, and direct), automatic report generation, string processing, and use of operating system resources to support originally developed programs or subprograms. Three hours lecture; three hours laboratory. Prerequisite: CIS 371. Offered only in the spring semester.

CIS 378 Advanced Computer Applications.....3 cr. hrs.

A project-driven approach to solving problems from a business application perspective. Course involves realistic practice

using beginning and intermediate commands and features of database programs, fundamentals of the Windows operating system, and advanced features of spreadsheets and word processing programs. Prerequisite: CIS 262. Offered only in the spring semester.

CIS 381 Database Processing for Microcomputers 3 cr. hrs.

Use of system development tools to build a relational database and a database application complete with menu, forms, and reports. The course will encompass a survey of established and evolving methodologies for the development of a business-oriented information system. Three hours lecture; three hours laboratory. Prerequisite: CIS 262 and 272 or permission from instructor. Offered only in the spring semester.

CIS 476 Systems Analysis and Design 3 cr. hrs.

The study of a structured and orderly process for identifying and solving problems, with a particular emphasis on computer information systems designed to meet the needs of business and industry for increased productivity. Applies traditional and emerging development and design methodologies. Three hours lecture; two hours laboratory. Prerequisite: CIS 372. Offered only in the fall semester.

CIS 481 Management Information Systems 3 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: CIS 378. Offered only in the spring semester.

CIS 389-489 Independent Study in Computer Information Systems 1-2 cr. hrs.

An individual problem course designed to give the advanced student additional experience in the design and development of a computer-related project. The student works under the direction of a CIS faculty member in designing and completing the project. Regular conferences with the supervising faculty member are required. At the conclusion of the project, a written report is presented to the supervisor, and an oral report is made to the Department of Business faculty.

DEPARTMENT OF EDUCATION

Dr. Charles P. Bentley

Chairperson

EDUC 201 Introduction to Teaching3 cr. hrs.

A course designed to introduce students to the teaching profession. Topics include current educational trends and problems, school organization and governance, legal issues, areas of greatest need for teachers, requirements for admission to Teacher Education, etc. Prerequisite: Sophomore status or above

EDUC 301 Introduction to Special Education3 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 305 Analysis of Research in Teaching3 cr. hrs.

A course that requires students to examine curriculum and teaching methods which are researched-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 307 Teaching Reading in the Elementary School3 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 310 Reading in the Content Areas2 cr. hrs.

A course required for all student 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 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. Prerequisite: EDUC 201; Admission to Teacher Education (Spring semester)

EDUC 331 Integrating the Elementary Curriculum9 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 observations in the public schools will be included. Offered fall semester only, beginning in fall of 1993. Prerequisites: All courses needed for certification other than EDUC 401, 403, 420, and 421.

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)

EDUC 401 Foundations of American Education3 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. Prerequisite: EDUC 201; Admission to Teacher Education (Spring semester)

EDUC 403 Classroom Management2 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. Offered as a part of the student-teaching block in spring semester only. Prerequisite: Admission to student teaching program

EDUC 405 Learning Styles and Creative Thinking3 cr. hrs.

An elective course open to all students enrolled in the college. Various learning styles of students will be explained; students can plot their own learning styles; techniques for teaching thinking skills will be emphasized. Prerequisite: Junior status in college.

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 (Spring semester—beginning spring 1994)

EDUC 421 Seminar in Student Teaching1 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. Prerequisite: Admission to Teacher Education Department (Fall semester—beginning fall 1993)

**EDUC 441 Methods and Materials for Teaching
High School Science3 cr. hrs.**

A study of teaching techniques and resource materials for teaching science in the secondary schools. Emphasis will be placed on ensuring that students understand the competencies high school students are expected to acquire in their science courses. Prerequisite: Admission to Teacher Education Department (Fall semester—beginning fall 1993)

EDUC 451 Methods and Materials for Teaching

High School Math3 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. Prerequisite: Admission to Teacher Education Department - beginning fall 1993.

DEPARTMENT OF FINE ARTS

Dr. James M. Chamblee

Chairperson

DIVISION OF ART

Mr. Douglas E. Eubank, *Head*

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 131 3-D Design3 cr. hrs.

A study of the principles of design in the third dimension.

ART 151 Ceramics3 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 outstanding artists and their influence on current trends and developments in art. Supplemented by color slides and individual research.

- ART 171 Color and Design 3 cr. hrs.**
An introduction to the fundamental principles of design and color theory.
- ART 181 Lettering Design 3 cr. hrs.**
An introduction to basic letter forms and lettering techniques.
- ART 201 Drawing 3 cr. hrs.**
Drawing with an emphasis on disciplined draftsmanship and imaginative composition, working mainly from life. Prerequisites: Art 101, 102
- ART 241 Painting I 3 cr. hrs.**
Instruction and practice in the basic media and techniques of watercolor. Emphasis is placed on composition and color usage. Critical awareness is developed with periodic critiques. This is an above freshman level course. PREREQUISITES: ART 101, 102, 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. This is an above freshman level course. PREREQUISITES: ART 101, 102, 171, or permission of instructor
- ART 261 Introduction to Commercial Art 3 cr. hrs.**
An introduction to layout and design methods with an emphasis on skills development. Prerequisites: ART 101, 102, 171, 181, or permission of instructor
- ART 291 Printmaking I 3 cr. hrs.**
Introduction to various printmaking processes. Emphasis is on tools, materials, and techniques.
- ART 292 Printmaking II 3 cr. hrs.**
The fundamentals of serigraphy, stencils, printing inks and paper are studied.
- 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. PREREQUISITE: ART 161

112—*Courses of Instruction*

- ART 312 Art History3 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. **PREREQUISITE:** ART 161
- ART 321 Art for the Elementary School3 cr. hrs.**
Methods, materials, and techniques for teaching art education on the elementary level. Emphasis on teaching and learning process, curricula development and evaluation procedures for the K-6 level. Field work experience required during the course. **PREREQUISITE:** Acceptance to Teacher Education Program
- ART 322 Art for the Secondary School3 cr. hrs.**
Methods, materials, and techniques for teaching art education on the middle and high school level. Emphasis on teaching and learning process, curricula development and evaluation procedure for the 7-12 level. Field work experience required during the course. **PREREQUISITE:** Acceptance to Teacher Education Program
- ART 341 Painting III3 cr. hrs.**
Advanced painting with emphasis on experimentation, creativity, and exploration of the media. Critical awareness continues to be developed through periodic critiques. **PREREQUISITES:** ART 241 (or 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. **PREREQUISITES:** ART 241 (or 242), 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 III3 cr. hrs.**
A continuation of wheel techniques, on an advanced level, where more challenging and ambitious projects are required. **Prerequisite:** ART 351
- ART 361 Commercial Art II3 cr. hrs.**
Problem solving in layout and design involving the analysis

and creation of ads with an emphasis on magazine formats. Pre-requisite: ART 261

- ART 362 Commercial Art III3 cr. hrs.**
Emphasis on the creation of ads for various mass media other than magazines. Prerequisite: ART 361
- ART 371 Introduction to Illustration3 cr. hrs.**
Intermediate drawing problems in illustration exploring various line drawing techniques and computer graphics. Prerequisites: ART 101, 102, 261, or permission of instructor
- ART 372 Illustration II3 cr. hrs.**
Advanced illustration as a communicative medium with an emphasis on media and technique. Prerequisite: ART 371
- ART 385 Independent Study1-3 cr. hrs. ea.**
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 III3 cr. hrs.**
Advanced intaglio techniques are explored with the emphasis on developing a series of color images. Prerequisite: ART 291
- ART 392 Printmaking IV3 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 441 Painting V3 cr. hrs.**
An advanced painting course with the emphasis on experimentation, creativity and exploration of the media. Critical awareness continues to be developed through periodic critiques. PRE-REQUISITE: ART 241 or 242
- ART 451 Ceramics IV3 cr. hrs.**
A combination of hand built and wheel thrown products are required 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 Commercial Art IV3 cr. hrs.**
 A course oriented toward the creation of more complex and
 “long term” advertising designs.
- ART 471 Illustration III3 cr. hrs.**
 Advanced illustration as a communicative vehicle. Prerequisite:
 site: ART 372
- ART 485 Independent Study1-3 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 Exhibition3 cr. hrs.**
 Each senior majoring in studio art is responsible for a special
 exhibition of his/her work. This includes the promotion and installation
 of finished works ready for display.

Division of Music

Dr. James M. Chamblee, *Head*

Music Laboratories:

MUSI 100A/B;

200A/B;

300A/B;

400A/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 Labs1 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 Labs1 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 II3 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 compositions. 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 I3 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 II3 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 Methods 1 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 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 Methods 1 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 Grades 3 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.

MUSI 342 Music Materials and Methods for the Secondary Grades 3 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.

MUSI 431 Percussion Methods 1 cr. hr.

A study of tonal and untuned percussion instruments to acquaint students with basic techniques and pedagogical principles.

MUSI 441 Conducting and Arranging 3 cr. hrs.

A study of appropriate techniques and gestures for instrumental and vocal music teachers. The student will be introduced to basic techniques of arranging for choir, band, and other ensembles which one may encounter in schools. Some time will be spent in study of current trends in marching band, show choir, and other school music 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 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

118—*Courses of Instruction*

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 Singers 1 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. Mem-
bership 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.)

DEPARTMENT OF PRINTING PRODUCTION AND IMAGING TECHNOLOGY

Mr. Tom Brennan
Chairperson

Printing Production & Imaging Technology Courses

PPIT 101 Graphic Arts I4 cr. hrs.

Exploration of the basic four printing processes, and the printing industry in general. Areas of study will include process differences, black & white photography, layout, desktop publishing, reproduction photography, image assembly, platemaking, presswork, and bindery. Also, an overview of career opportunities, field trips and problem solving skills.

PPIT 111 Imaging Technology I4 cr. hrs.

Basic orientation to the Macintosh computer. Areas of study will include how to operate the desktop, open applications, generate files and folders, file organization and management, and understand the operating system. Students will complete a series of projects primarily utilizing Pagemaker, word processing and database management.

PPIT 121 Graphic Arts II4 cr. hrs.

Areas of study will build upon Graphics Arts I and include halftones, duotones, special effects, page layout, color reproduction, electronic publishing, presswork and bindery. Prerequisite: PPIT 101

- PPIT 131 Specialty Printing4 cr. hrs.**
 A in-depth study of the problems and processes for printing and converting in package, label and specialty industries. Laboratory applications include flexographic preparation, printing and diecutting; steel rule diemaking and diecutting of printed sheet stock. Students will also learn screen process printing techniques and methods on different materials through various media including hand-cut photo stencils and direct emulsion. Prerequisite: PPIT 121
- PPIT 213 Imaging Technology II4 cr. hrs.**
 Advanced instruction in desktop applications primarily using QuarkXPress, Freehand and Photoshop. Fundamentals of flat bed scanner operation producing line and gray scale copy. Prerequisite: PPIT 111
- PPIT 223 Technical Photography4 cr. hrs.**
 An introductory course in black and white photography which will cover technical information about cameras, films, printing, and processes.
- PPIT 233 Printing Applications I4 cr. hrs.**
 A class designed to give students hands-on experience in the production of complicated four-color printing. Projects will include conventional and electronic prepress processes. Multicolor press operation will be stressed. Prerequisite: PPIT 121
- PPIT 311 Electronic Imaging & Color Reproduction3 cr. hrs.**
 An advanced course in imaging systems. The student will learn color theory as it applies to desktop imaging; color calibration of imagesetter, monitor, scanner and color proofing systems will be covered. The student will receive hands-on experience in scanning and color correcting images on the desktop. Prerequisite: PPIT 213
- PPIT 331 Paper and Ink2 cr. hrs.**
 An in depth study of printing substrates and inks. Emphasis will be on paper selection, paper math, and paper related printing problems. Comparisons will be made of commonly used printing inks. Ink related printing problems will be analyzed. Co-requisite: PPIT 451
- PPIT 341 Printing Applications II4 cr. hrs.**
 This laboratory class allows the student to design, develop, print and bind an 8-page booklet. The student is required to include various special effects, screens, halftones, duotones, silhouettes and posterizations. Extensive use of 4-color process will be required. Prerequisite: PPIT 233

PPIT 442 Current Trends in Graphic Communications ...2 cr. hrs.

A study of current management and production techniques used in industry. Areas covered are: environmental impact of the printing industry, quality control techniques, (including statistical process control), modern electronic imaging systems and future printing processes. A variety of modern marketing techniques will be explored.

PPIT 443 Printing Production Planning4 cr. hrs.

A course providing a systematic and analytical approach to achieving an efficient production system in all areas of printing. Instruction includes organizational procedures, cost estimates, identification of necessary materials and quality controls. Problems related to operation, maintenance, folding, binding, finishing and supervisory techniques are also included in this course.

PPIT 451 Internship10 cr. hrs.

A 15-week industry job experience which is developed by the instructor and coordinated with the hiring industry. The internship is designed to enhance and reinforce the technical skills acquired by the student. The instructor must submit the internship plan to the Chairperson of Printing Production and Imaging Technology for approval prior to the student entering in an internship agreement. The student should plan for the internship during his junior year or the first term of his senior year. Prerequisite: PPIT 341; Co-requisite: PPIT 331

Photography Courses

PHOTO 101 Basic Photography4 cr. hrs.

A course in the fundamentals of black and white photography. Small format cameras are used for instruction in camera handling and photojournalistic techniques. Course provides instruction basic, technical, shooting assignments and practical laboratory work. Laboratory work covers B & W film processing, enlarger operation, print manipulation, processing and finishing. Assignments stress 35mm camera operation and exposure, and assignments stress the photo-journalistic use of subject matter, light quality, intensity and direction, and photographic simplicity, in an effort to make pictures that speak to the viewer about people.

PHOTO 102 Photography4 cr. hrs.

A course in the standardizing and control of film exposure and development through an introduction to sensitometry. Instruc-

tion includes refinement of B & W printing and the interpretation of print quality. Small format cameras are used in assignments divided between news photography and those of a technical, experimental nature. The news photography assignments emphasize using the 35mm camera to make good "feature" photographs, pictures which concentrate on telling the story of people, their work and leisure, their good and bad times, pictures which are about what life looks like. Prerequisite: Photography 101

PHOTO 201 Photography, Color Material and Processes4 cr. hrs.

A course investigating 3-color photographic theory, structure of color materials, formation of color photographic images, color sensitometry, and practical experience in exposure and development of color negative and color transparency films. Instruction is also given in the fundamentals of custom color enlargement and color print finishing. Course technical assignments involve experimentation with color transparency roll film, color negative film in roll and sheet formats, and practical work in color enlargement. Collateral with this technical study are instruction and assignments in color feature picture story preparation, and in the fundamentals of audio-visual program preparation, all shot in 35mm transparency film. Prerequisite: Photography 102

PHOTO 202 Portfolio Development4 cr. hrs.

A course stressing the importance of the portfolio as a showcase for visual imagination, compositional and shooting skills, darkroom, finishing, and presentation skills. The course provides an initial overview of the contents and stylistic emphasis of commercial illustration, industrial/corporate, fashion, architectural, fine arts and news photography portfolios. The preparation of a professional portfolio is the prime objective of the course. Allowance is made for each student's particular strengths and shooting preferences. Building on the experience gained in each of the previous courses, students work on weekly assignments done in preparation for a 25-item final portfolio. A major area of study is the relationship between the photographer and civil law - the legal status of freelance and staff photographers, the Copyright laws, and the ownership and use of images. Prerequisite: Photography 102 and 201

PHOTO 204 Commercial Photography3 cr. hrs.

A course having four major areas of study and exercise: (1) understanding and using the hand-held exposure meter, large and medium format cameras and films, and tungsten studio lighting

equipment; (2) understanding the essential techniques of commercial photography, using and manipulating available light, correctly exposing different types of film for conditions, and fundamental studio lighting for advertising illustration; (3) becoming acquainted through illustrated instruction and shooting assignments, with three types of commercial photography - architectural and pictorial photography, and product illustration; to communicate more powerfully through photographs. Prerequisite: Photography 201 and 202

PHOTO 205 Portraiture3 cr. hrs.

A course combining instruction in fundamental portrait lighting and shooting techniques with instruction in allied areas and in some aspects of the business side of professional photography. Subjects of investigation and assignment include the use of small and studio-sized electronic flash in general still photography, "corrective" portraiture through lighting, posing, camera handling and retouching, special portrait assignments, including location work, photographing two or more people together, weddings, fashion fundamentals, and copy and restoration of photographs. Pricing of photographic services, working with professional photofinishers, and the free lance market comprise business-related areas of study. Prerequisite: Photography 204

PHOTO 206 Photography Workshop3 cr. hrs.

A course in personal skills for development and broadening of understanding of still photography. The student will complete reading and research as assigned by the instructor. The instructor will also develop a schedule of photographic assignment which are tailored to the students photographic career goals. Each piece will be of portfolio quality, and the assignments, collectively, constitute a semester portfolio. (Offered during summer sessions, or in the fall semester when a student candidate for graduation has previously completed the entire sequence of photography courses.)

DEPARTMENT OF HEALTH AND PHYSICAL EDUCATION

Dr. Scott H. Colclough
Chairperson

Major Courses for Physical Education

PHED 100 Aquatics1 cr. hr.

This course is a requirement for Physical Education Majors

only. They must take the appropriate course from: PHED 121, PHED 122, or PHED 123.

PHED 101 Fitness/Nutrition 1 cr. hr.

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.

PHED 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.

PHED 103 Motor Learning 1 cr. hr.

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.

PHED 104 Outdoor Leisure 1 cr. hr.

This course is an introduction to the knowledge and skills in a variety of outdoor leisure activities. It includes walking, frisbee, hiking, canoeing, backpacking, camping and an overnight field trip. Prerequisite: PHED 100

PHED 201 Health 3 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.

PHED 210 First Aid & Safety 2 cr. hrs.

This course is designed to study emergency first aid care for injury or illness. Red Cross certification in Standard First Aid and Cardiopulmonary Resuscitation is included.

PHED 220 Community Health 2 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: PHED 201

PHED 230 Individual and Dual Sports I 2 cr. hrs.

This course is the study of the fundamental skills and knowl-

edge of badminton, handball, pickle ball, racquetball and tennis. The history, equipment, rules, terminology, strategies, skill techniques, and officiating are included. Prerequisite: PHED 103

PHED 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: PHED 103

PHED 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.

PHED 245 Team Sports II2 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.

PHED 301 Foundations of Physical Education & Sport3 cr. hrs.

This course is designed to study the philosophical, historical, sociological, psychological and scientific foundation of physical education and sport. Professional organizations, curriculum concepts, teaching methods, and evaluation are included.

**PHED 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 development 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

PHED 320 Adaptive Health & Physical Education2 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

126—*Courses of Instruction*

experiences are required in addition to regular class meetings.

Prerequisite: Junior Standing

PHED 330 Kinesiology2 cr. hrs.

This course is a study of the anatomical and mechanical principles of human movement. It includes analysis of human movement and skill performance. Prerequisite: Biology 221.

PHED 335 Exercise Physiology3 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. Various exercise programs will be included. Prerequisite: BIO 222

PHED 401 Administration in Health, 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: PHED 301

PHED 410 Health & Physical Education for the Middle and Secondary School3 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: PHED 301 and 310

PHED 420 Research and Evaluation in Health & Physical Education3 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: PHED 301

PHED 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 teacher and all students. It includes an analysis of the teaching-learning process, strategies for the gym and classroom, and classroom management skills. Prerequisite: PHED 301, Psychology 306 and 310

**PHED 460 Independent Study in Health, Physical
Education and Sport 1 to 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.

Major Courses for Sports Management

PHED 200 Sports 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 worker will be scheduled, supervised, and evaluated by the student, field supervisor, and chairperson or faculty designee. Prerequisite: Sophomore standing

PHED 300 Sports Management Practicum II 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 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 the chairperson or faculty designee. Prerequisite: PHED 200

PHED 340 Principles of Sports Management 3 cr. hrs.

This course is a study of the theoretical and applied principles of sports management. It will emphasize career opportunities, accounting, budgeting, economics, communications, employment relations, management, marketing, and laws in sports. Prerequisite: BUS 281 and PHED 301

PHED 400 Sports 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: PHED 300

PHED 430 Seminar in Sports Management 3 cr. hrs.

This course is a study of the practical applications of research and theory in sports management. It will emphasize case

analysis in sports law and sports marketing, collegiate trademark licensing, computer applications, ethics, and future trends. Prerequisite: PHED 340

PHED 440 Internship in Sports Management6 cr. hrs.

The internship will provide field experiences in the management of sports programs, facilities, and/or business. This will involve full-time work with a minimum of 400 hours. This must be coordinated and approved by the student, advisor, and the chairperson. Prerequisite: Senior standing

NOTE: The practica are designed to provide management experiences in a variety of sports settings. Field work begins no later than the sophomore year with PHED 200. PHED 300 and 400 are taken during the remaining semesters, leading up to the final placement (PHED 440) during the student’s final semester. These must be varied in their job description and responsibility.

Pre-Athletic Training Education Program

The Pre-Athletic Training Education Program is a transfer program designed to provide a foundation for the student who plans to transfer to a four-year college or university to study athletic training to become a certified athletic trainer.

PHED 105 Fundamentals of Athletic Training3 cr. hrs.

This course is designed to introduce the student to the roles and responsibilities of the athletic trainer in sports. The course emphasizes the basic principles of physical fitness and the prevention, recognition, and management of sports injuries. Three hours per week.

PHED 111 Athletic Training Practicum3 cr. hrs.

This course involves practical application of athletic injury taping and wrapping skills. In addition the student will complete a minimum 150 hours internship as a student trainer in the athletic program.

PHED 112 Athletic Training Practicum1 cr. hr.

This course involves the practical application of athletic injury assessment. The student will be instructed in the various techniques of injury evaluation and recognition. In addition the student will complete a minimum 150 hours internship serving as a student trainer in the athletic program.

**PHED 250 Prevention and Management of Athletic
Injuries3 cr. hrs.**

This course is designed to provide advanced instruction in the prevention, recognition, and management of athletic injuries. Instruction for sound conditioning and rehabilitation programs for athletic injuries will be presented. Three hours per week.

PHED 260 Nutrition3 cr. hrs.

This course is a study of nutritional concepts with instruction in dietary management and basic body composition assessment as applied to health and performance. The course evaluates the effects diet has on health and performance. Three hours per week.

PHED 211 Athletic Training Practicum1 cr. hr.

The course introduces the student to the principles and practices associated with the rehabilitation of athletic injuries. Course involves practical application of the techniques involved with athletic injury rehabilitation. In addition the student will complete a minimum 150 hours internship as a student trainer in the athletic program.

PHED 212 Athletic Training Practicum1 cr. hr.

This course introduces the student to the different modalities used in treating athletic injuries. The student will study the basis for modality usage as well as the proper set-up and application. In addition the student will complete a minimum 150 hours internship as a student trainer in the athletic program.

Activity Courses

PHED 121 Beginning Swimming1 cr. hr.

This course is an introduction to elementary aquatics. The basic swimming strokes are taught with the (American) front crawl emphasized.

PHED 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: PHED 121 or approval of instructor

PHED 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: PHED 122 or approval of the instructor.

PHED 124 Beginning Tennis 1 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.

PHED 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.

PHED 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.

PHED 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.

PHED 130 Racquetball..... 1 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.

PHED 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.

PHED 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.

PHED 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.

PHED 135 Horsemanship 1 cr. hr.

This course is an introduction to the fundamental skills of riding and training horses so that students can enjoy and appreciate horsemanship. It includes stable maintenance, horsecare, proper use and care of riding equipment. Additional fee for course.

PHED 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.

PHED 137 Intermediate Racquetball 1 cr. hr.

This course is a study of more 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: PHED 130 or approval of the instructor

PHED 138 Intermediate Tennis 1 cr. hr.

This course is a study of the more 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. Students provide their rackets. Prerequisite: PHED 124 or approval of the instructor

DEPARTMENT OF LANGUAGE AND LITERATURE

Dr. G. Kenneth Wolfskill
Chairperson

Division of English
Dr. G. Kenneth Wolfskill, Head

ENGL 101 Composition 3 cr. hrs.

A course in expository writing designed to develop writing skills necessary for competent academic work on the

132—*Courses of Instruction*

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 through examination at orientation.

ENGL 102 Composition and Introduction to Literature3 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.

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: ENGL 101 and 102.

ENGL 202 Survey of British Literature Since 18003 cr. hrs.

A study of the major writers in England from 1800 to the present. Prerequisite: ENGL 101 and 102.

ENGL 203 Survey of American Literature to 18653 cr. hrs.

A study of the major American writers from the Colonial period to the Civil War. Prerequisite: ENGL 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: ENGL 101 and 102.

ENGL 205 Survey of Ancient World Literature3 cr. hrs.

A study of selected classical writers. Prerequisite: ENGL 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: ENGL 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.

ENGL 301 Introduction to Literary Studies3 cr. hrs.

A course in bibliography, research, critical approaches to literature, and trends in scholarship. Prerequisite: ENGL 101 and 102.

ENGL 302 Creative Writing3 cr. hrs.

A course in writing short stories, personal sketches, and poetry. Prerequisite: ENGL 101 and 102.

- ENGL 305 Children's Literature 3 cr. hrs.**
A study of all types of reading material for elementary students. Prerequisite: One 200 level course.
- ENGL 310 History of the English Language 3 cr. hrs.**
A study of the evolution of the language. Prerequisite: ENGL 101 and 102.
- ENGL 311 Advanced Composition 3 cr. hrs.**
A study to develop writing style. Prerequisite: ENGL 101 and 102.
- ENGL 312 Advanced Grammar 3 cr. hrs.**
A study of both traditional and contemporary approaches to the English language. Prerequisite: ENGL 101 and 102.
- ENGL 320 Medieval Literature 3 cr. hrs.**
A study of British literature to 1500. Prerequisite: One 200 level course.
- ENGL 330 Renaissance Literature 3 cr. hrs.**
A study of British poetry, prose, and non-Shakespearean drama from 1500 to 1660. Prerequisite: One 200 level course.
- ENGL 340 Restoration and 18th Century Literature 3 cr. hrs.**
A study of the poetry, prose, and drama in England from 1660 to 1798. Prerequisite: One 200 level course.
- ENGL 350 Romantic Literature 3 cr. hrs.**
A study of the poetry and prose in England from 1798 to 1832. Prerequisite: One 200 level course.
- ENGL 360 Victorian Literature 3 cr. hrs.**
A study of British poetry and prose from 1832 to 1900. Prerequisite: One 200 level course.
- ENGL 370 20th Century British Literature 3 cr. hrs.**
A study of modern British poetry, fiction, and drama. Prerequisite: One 200 level course.
- ENGL 380 American Literature to 1914 3 cr. hrs.**
A study of American poetry, fiction, and drama in this period. Prerequisite: One 200 level course.
- ENGL 390 American Literature Since 1914 3 cr. hrs.**
A study of modern American poetry, fiction, and drama. Prerequisite: One 200 level course.

134—*Courses of Instruction*

- ENGL 410 Shakespeare3 cr. hrs.**
A study of selected poems and plays. Prerequisite: One 200 level course.
- ENGL 420 Short Fiction3 cr. hrs.**
A study of the development of the short story. Prerequisite: One 200 level course.
- ENGL 430 Fiction3 cr. hrs.**
A study of the genre by period, theme, or technique. Prerequisite: One 200 level course.
- ENGL 440 Poetry3 cr. hrs.**
A study of the genre by period, theme, or technique. Prerequisite: One 200 level course.
- ENGL 450 Drama 3 cr. hrs.**
A study of the genre by period, theme, or technique. Prerequisite: One 200 level course.
- ENGL 460 Authors3 cr. hrs.**
A study focusing on an individual writer. Prerequisite: One 200 level course.
- ENGL 470 Special Topics3 cr. hrs.**
A course intended to meet non-traditional demands or to satisfy specific student interests.
- SPEECH 210 Voice and Diction3 cr. hrs.**
The development of a pleasing and effective voice; improvement of articulation; phonetics. Prerequisite: ENGL 101 and 102.
- SPEECH 211 Public Speaking3 cr. hrs.**
The preparation, organization, and delivery of various types of speeches in a variety of speech situations.

Division of Foreign Languages

Dr. Carl L. Garrott, *Head*

French

- FREN 101-102 Elementary French3 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: ENGL 101
- FREN 201-202 Intermediate French3 cr. hrs. ea.**
Review of grammar. Advanced study of idiomatic construc-

tions 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 Conversation3 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 Literature3 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.

FREN 311 Commercial and Technical French3 cr. hrs.

Study of and practice in business and technical French: economics, banking, commercial negotiations, customs, insurance, real estate, and marketing. Additional practice in scientific and technical French. Taught in French. Prerequisite: FREN 202 or equivalent.

FREN 321 French Civilization3 cr. hrs.

A study of the heritage and culture of French-speaking nations with special attention to the development of skills in conversation and composition. Emphasizes history, art, music and literature. Taught in French. Prerequisite: FREN 202 or equivalent.

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 Spanish3 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.

SPAN 301-302 Survey of Hispanic Literature3 cr. hrs.

A study of the literature of Spain and Spanish American from the Middle Ages to the present. Introduction to the study of literary analysis and critical approaches. Lecture, discussions and reports in Spanish. Prerequisite: SPAN 202 or equivalent

DEPARTMENT OF MATHEMATICS

Dr. Calvin I. Owens

Chairperson

MATH 111 Engineering Drawing 2 cr. hrs.

Free-hand lettering, orthographic projection, auxiliary views, sectional views, use of working drawing, isometric projection, technical sketching, perspective, pencil and ink tracing. One hour lecture, 2 hours laboratory per week.

MATH 112 Descriptive Geometry2 cr. hrs.

Topics discussed are edge and normal views, straight lines and planes, curved lines, curved and warped surfaces, intersections, developments and vector geometry. One hour lecture, 2 hours laboratory per week. Prerequisite: MATH 111

MATH 120 Introduction to Finite Mathematics3 cr. hrs.

A first course in finite Mathematics. Topics include linear equations, matrices, linear programming, sets and counting principles, probability, and statistics. Three hours per week. Prerequisite: Satisfactory score on the Mathematics placement test or AS 004 Basic Algebra.

MATH 130 Introduction to Algebra for College Students ...2 cr. hrs.

This is the first course in a two course sequence covering the topics usually covered in the standard college algebra course. It covers topics in basic algebra and intermediate algebra. 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: AS 004 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.

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 Plane Geometry

MATH 139 Algebra and Trigonometry5 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, series, probability. This course will satisfy the MATH 133-135 requirements. Five hours per week. Prerequisite: An above average score on the mathematics placement examination. Two years High School Algebra and Plane Geometry.

MATH 201 Basic Concepts of Mathematics I3 cr. hrs.

A course required for prospective elementary and middle grades teachers. Topics covered include problem solving; systems of numeration, number systems and operations including whole numbers, rational numbers, decimals; estimation; ordering relations of rational numbers. Three hours per week. Prerequisite: MATH 133

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; elemen-

tary logical arguments. Three hours per week. Prerequisite: MATH 201

MATH 205 Math Probability and Statistics3 cr. hrs.

This is a basic probability and statistics course which covers such topics as central tendency, variability, normal distribution, probability, decision-making, estimation, the T-test, chi-square, regression and prediction, correlation, non parametric statistics, and analysis of variance. Prerequisite: MATH 120 or 133

MATH 210 Analytic Geometry and Calculus4 cr. hrs.

The first of three semesters of unified course in analytic geometry and calculus. The topics studied are: real number system; Cartesian coordinates; functions; limits and continuity; the derivative; differentiation of algebraic functions; applications of derivatives; and antiderivatives. Prerequisites: MATH 139 or MATH 133 and MATH 135.

MATH 211 Analytic Geometry and Calculus4 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; transcendal functions; technique of integration; polar coordinates; parametric equations; improper integrals; and indeterminate forms. Prerequisite: MATH 210

MATH 310 Analytic Geometry and Calculus4 cr. hrs.

The third of three semesters of unified course in analytic geometry and calculus. The topics studied are: three-dimensional space; partial differentiation; multiple integrals; infinite series; and differential equations. Prerequisite: MATH 211

MATH 315 Applied Differential Equations3 cr. hrs.

A course in applied differential equations involves 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. Offered in spring only on adequate demand. Co-requisite: MATH 310

MATH 325 College Geometry3 cr. hrs.

Modern college geometry is studied as an extension of elementary plan geometry. Important theorems relative to the nine-point circle, cross ratios, the geometry of circles, and solid geome-

try are emphasized. Euclidean transformations are also studied.
Three hours per week. Prerequisite: MATH 210

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. Corequisite - MATH 210

MATH 351 Mathematical Probability and Statistics3 cr. hrs.

The theory of probability is studied. Mathematical models for various statistical distributions are constructed. These include testing of hypotheses and estimation, small-sample distributions, regression, and linear hypotheses. Three hours per week. Prerequisite: MATH 211

MATH 430 Introduction to Modern Algebra3 cr. hrs.

Modern algebra is developed from a postulation viewpoint. Mathematical systems which are developed and studied include groups, rings, vector spaces, and fields. Three hours per week. Prerequisite: MATH 340

**MATH 460 Survey of the Historical Development of
Mathematics3 cr. hr.**

A general survey of the historical development of mathematics up to the 20th century. Three hours per week. Prerequisite: MATH 211

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

MATH 480 Foundations of Mathematics3 cr. hrs.

A study of the fundamental concepts and structural development of mathematics. An introduction to non-Euclidean geometries, logic, Boolean Algebra, and set theory. Transfinite cardinal numbers, the construction of complex number systems, and a study of relations and functions. The topics are developed on a postulational basis. Three hours per week. Prerequisites: MATH 325 and MATH 430

MATH 490 Independent Study1-3 cr. hrs.

Designed to provide advanced mathematics students an op-

portunity to study topics supplementing the regular curriculum. The student's course of study is designed jointly by the student and a professor in the department. The course of study must be approved by the department chair and supervised by a professor designated by the department chair. Prerequisite: Open to advanced mathematics majors with consent of department chair.

DEPARTMENT OF RELIGION AND PHILOSOPHY

Dr. R. Hargus Taylor
Chairperson

Biblical Studies

REL 111 Introduction to the Old Testament3 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 Testament3 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 313 The Book of Genesis3 cr. hrs.

A survey of major themes in Genesis in the light of modern critical research. Consideration is given to the nature and purpose of Genesis; the book's foundational role within the context of the Torah, and key theological issues. Prerequisite: REL 111

REL 314 Jesus and the Synoptic Gospels3 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, redaction, sociological, and literary criticisms. Prerequisite: REL 112

REL 315 The Former Prophets3 cr. hrs.

A study of the background, form, message, and significance of the Former Prophets. The course also provides opportunities for comparing the Former with the Latter Prophets, as well as with the Chronicler's additions and omissions. Prerequisite: REL 111

- 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 The Poetics of Hebrew Biblical Narrative3 cr. hrs.**
A central question sets the tone for the course: How does art serve theology? Plot, characterization, rhetoric, point of view, strategies of composition, and other relevant topics are discussed. Prerequisite: REL 111
- REL 418 The Judaistic & Hellenistic Backgrounds
 of the New Testament3 cr hrs**
The historical social worlds extant in the first century and their influences upon the New Testament. An evaluation is made of historical events, Palestinian Judaism, Hellenistic Judaism, and Roman Hellenism. Prerequisite: REL 112

Historical/Theological Studies

- REL 341 Christian History to the Age of Reformation3 cr. hrs.**
A survey of the history of Christianity from the Apostolic Age through the Renaissance. While following an integrative approach to the subject, particular attention will be given to the geographical expansion of Christianity, development of Christian institutions, theological crises leading to a definition of Christian Orthodoxy, and the shape and influence of medieval Christendom. Prerequisite: HIST 101 and 102 or permission of instructor
- REL 342 Christian History Since the Reformation3 cr. hrs.**
An examination of the principal reform movements of the sixteenth century, and to subsequent developments in Christian history to the present. Emphasis will be given to those religious, political, intellectual, and social currents which have influenced the course of both Protestantism and Roman Catholicism since the Reformation; to the modern missionary movement, ecumenism, and the vitality of Christianity among Third World nations. Prerequisite: History 101 and 102 or permission of instructor
- REL 443 Religion in America3 cr. hrs.**
An examination of those religious traditions which either accompanied the settlement of the American colonies, or which

142—*Courses of Instruction*

have emerged and developed in the context of American life and culture. Attention is directed to various factors which have tended to contribute a distinctively New World character to Old World religious traditions.

- REL 444 Baptist History and Heritage3 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.

Philosophical/Ethical Studies

- PHIL 221 Introduction to Ethics3 cr. hrs.**
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 Philosophy3 cr. hrs.**
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.

DEPARTMENT OF SCIENCE

Dr. Garth D. Faile
Chairperson

Biology

- BIOL 101 Botany4 cr. hrs.**
This course is designed to cover morphology, life cycles and physiological processes of both the nonvascular and vascular plants. Evolution of structures and processes, the interrelationships of plants and the importance of plants to the survival of life on earth are stressed. Observation and classification of local flora is included. Three hours lecture and one three-hour laboratory per week.

- BIOL 102 Zoology4 cr. hrs.**
This is a study of the general principles and problems of animal biology with emphasis given to cellular organization and

control, organ-systems and their physiology, and evolutionary relationships among the major animal phyla. Important zoological principles and a survey of the animal kingdom will be included in the laboratory. Three hours lecture and one three-hour laboratory per week.

BIOL 221 Human Anatomy4 cr. hrs.

This is an introduction to regional gross human anatomy which emphasizes structure, function, and concepts of relationships. The laboratory utilizes charts, models, and dissections to visualize structures and their relationships. Three hours of lecture and one three-hour laboratory per week. Offered only in fall semester. Prerequisite: BIOL 102 or permission of instructor.

BIOL 222 Human Physiology4 cr. hrs.

Chemical and physical processes of the human organism are developed at the cellular, systemic, and organismic level with homeostasis as the unifying concept. Cardiovascular, muscular and nervous mechanisms are stressed. Laboratory includes cellular phenomena, tissue and organ mechanisms, and functions of the entire human organism with data collection and interpretation stressed. Three hours of lecture and one three-hour laboratory per week. Offered only in spring semester. Prerequisite: BIOL 102 or BIOL 221

BIOL 301 Principles of Ecology4 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 even years. Prerequisites: BIOL 101-102

BIOL 341 Microbiology4 cr. hrs.

This is a study of the morphology and fundamental physiological processes of microorganisms with emphasis on bacteria. Introduction to beneficial and disease causing microbes is included. Biotechnology techniques and immunology processes are considered. Laboratory consists of standard techniques and procedures. Three hours of lecture and one three-hour laboratory per week. Offered only in spring semester. Prerequisites: BIOL 101 and CHEM 101

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. Three hours of lecture and one three-hour laboratory per week. Prerequisites: BIOL 101 and 102

BIOL 401 Genetics 4 cr. hrs.

This is a study of the principles of heredity designed to provide an understanding of Mendelian, molecular, and population genetics and the significance of these principles to human heredity, plant and animal breeding, evolution, and selected environmental problems. Three hours of lecture and one three-hour laboratory per week. Prerequisites: BIOL 101 and 102

BIOL 490 Special Topics in Biology 1-6 cr. hrs.

The student may elect to undertake directed research, cooperative internship or a senior seminar. Hours granted will be on commensurate work, a copy of which will be retained with the student's permanent record. Prerequisites: Approval of Advisor, Departmental Chairperson, and Instructor, BIOL 301, 341; CHEM 275.

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.

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

This course emphasizes the fundamental principles, theories, laws and basic concepts of chemistry. The laboratory provides experience to enhance understanding of these concepts. Three hours of lecture and one three-hour laboratory per week. Co-requisite: eligibility to take MATH 130

CHEM 275-276 Organic Chemistry 4 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 and ultraviolet 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 295 Introduction to Pascal3 cr. hrs.

This course introduces students to solid 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 and trigonometry is assumed with a background in chemistry and/or physics suggested. Two hours of lecture and one two-hour laboratory per week. Offered only in spring semester.

CHEM 325 An Introduction to Biochemistry4 cr. hrs.

This is a study of organic molecules which are significant in biological systems. Three hours of lecture and one three-hour laboratory per week. Prerequisite: CHEM 275

CHEM 335 Physical Chemistry4 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 Analysis4 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

CHEM 490 Special Topics in Chemistry1-6 cr. hrs.

The student may elect to undertake directed research, cooperative internship, or a senior seminar. Hours granted will be on commensurate work, a copy of which will be retained with the student's permanent record. Prerequisite: Approval of Advisor, Departmental Chairperson, and Instructor, CHEM 276, 460

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 Physics4 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, 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.

PHYS 490 Special Topics in Physics1-6 cr. hrs.

The student may elect to undertake directed research, cooperative internship or a senior seminar. Hours granted will be on the commensurate work, a copy of which will be retained with the student's permanent record. Prerequisites: Approval of Advisor, Departmental Chairperson, and Instructor, PHYS 204

DEPARTMENT OF SOCIAL SCIENCE

Dr. John W. Gosnell
Acting Chairperson

History

HIST 101 Western Civilization3 cr. hrs.

This is a survey of the foundation of Western Civilization from the prehistoric period to 1660, with emphasis on the political, economic, social and cultural institutions.

- HIST 102 Western Civilization3 cr. hrs.**
This is a survey of Western Civilization from 1660 and the emergence of absolutism in Europe to the crisis of the twentieth century and the nuclear age. Emphasis is placed on the political, economic, and cultural development of Western Civilization.
- HIST 201 U. S. History to 18653 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 development.
- HIST 202 U. S. History Since 1865.....3 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 development.
- HIST 350 North Carolina History3 cr. hrs.**
This is a survey of the political, economic, social, and cultural development of North Carolina from its settlement to the present. Offered only in the fall semester.
- Sociology**
- SOCIO 107 Family Living3 cr. hrs.**
This is a study of the historical, current, and changing patterns of family living. 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.
- 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.
- 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.

Geography

GEOG 151 Introductory Geography3 cr. hrs.

This course is designed to introduce the student to the inter-relationships that exist between man and his physical environment. Elements and classification of the physical environment, man's ability to adjust to or alter that environment, and the geographical processes resulting from that interaction will all be analyzed as they appear in major regions of the world. Offered only in the spring semester.

Psychology

PSYCH 201 General Psychology3 cr. hrs.

This is a survey of problems, methods, and findings of Psychology. Consideration is given to heredity, socialization, personality, mental health, drugs, prejudice, learning, thought control and aggression.

PSYCH 306 Developmental Psychology3 cr. hrs.

This is a study of the physical, intellectual, social and emotional development as a basis for understanding human behavior. It will provide a background for students who are preparing to teach, or any other occupation involving working with children or youth. Offered only in the fall semester. Prerequisite: PSYCH 201, or the approval of the professor

PSYCH 310 Educational Psychology3 cr. hrs.

This course deals with the psychological principles involved in the teaching-learning process, with emphasis on the nature of intelligence, motivation, capacity, learning styles, thinking skills, individual differences, and the evaluation of learning. Offered only in the spring semester. Prerequisite: PSYCH 201, or the approval of the professor.

Economics

See course descriptions under Department of Business.

DEPARTMENT OF ACADEMIC SUPPORT

Mrs. Janet Rogers

Acting Chair

AS 001 Reading for College Success0 cr. hrs.*

Reading for College Success focuses on helping the student improve skills essential to successful reading of college material.

Special emphasis is placed on study skills, vocabulary, comprehension, reading rate, and critical reading. The course is required for students whose reading placement test scores indicate a need for it; it may also be recommended for students who demonstrate difficulty in reading college texts. When reading is required, it is co-requisite with all curricula of the college, and any student who places into the course must pass it in order to graduate. Three hours per week.

AS 002 Writing Fundamentals0 cr. hrs.*

Writing Fundamentals is a course intended to help students attain the competence necessary for success in English 101 and subsequent courses. The course consists of closely supervised training for the student in coherent sentence structure, development of paragraphs, and short compositions. Any student who places into 002 must complete it before entering English 101. Three hours per week including required lab.

AS 003 English for International Students 0 cr. hrs.

This course is required for foreign students 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. Any student who places into 003 must complete it before entering English 101. Three hours lecture per week and required lab.

AS 004 Basic Algebra0 cr. hrs.*

Basic Algebra covers topics usually taught in a first course in high school algebra. It is designed to help students be successful in understanding basic concepts of algebra and in developing habits appropriate to the study of mathematics. Topics include real numbers, solving equations and inequalities in one variable, polynomials, problem solving, exponents, factoring, rational expressions, roots and radicals, and basic graphing techniques. Students who plan to take Math 120 or higher may be required to take this course based upon their placement test scores and/or high school background. Three hours lecture and two hours of lab per week.

AS 005 Student Success Seminars0 cr. hrs.*

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. Topics include note-taking strategies, memory enhancement techniques, anxiety/stress management, time management, campus resource identification, and research advice. Eight seminars per semester.

*For purposes of meeting continued enrollment requirements only, successful performance in AS 001-AS004 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. (If a student earns an IP in one semester and an S in the same course the following semester, only one such grade will be counted.) AS 005 will be considered equivalent to a one-hour course, with an S or U counting as a C or an F, respectively.

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TBA	Director of Service Enterprises
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E. Frank Stephenson, Jr.	Director of Upward Bound

Virginia Hardy	Counselor, Upward Bound
Gloria Pinto	Director of Wellness Center
Dianna Freshour	Assistant Dean of Student Development
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Brandon Diehm	Student Enrollment Coordinator/International Students
Todd Sellers	Student Enrollment Coordinator/Home Schoolers
Kevin Stroud	Student Enrollment Coordinator/Transfer Students

THE FACULTY

Jerry F. Jackson (1989)	President of the College
B.A., Mars Hill College	
B.A., M.A., Southern Illinois University	
Ed.D., University of South Carolina	
Additional Graduate Study, University of Cincinnati,	
North Carolina State University, East Carolina University	
B. Franklin Lowe, Jr. (1964)	Vice President for Academic Affairs
B.A., Furman University	
B.D., Southeastern Baptist Theological Seminary	
Ph.D., Emory University	
Betty N. Batchelor (1961)	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	
Charles P. Bentley (1991)	Education
	<i>Chairperson, Department of Education</i>
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	
Alison D. Boeshe (1990)	Athletic Training
B.S., Old Dominion University	
M.S., Old Dominion University	
Thomas P. Brennan (1993)	Chairperson,
	<i>Department of Printing Production and Imaging Technology</i>
B.S., Clemson University	
M.I.Ed., Clemson University	
Robert J. Burke (1980)	Physical Education
B.S., Campbell College	
M.A., North Carolina A&T State University	
Additional Graduate Study, East Carolina University	
Hampton University, Appalachian State University	

- James M. Chamblee (1959) 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
- Scott H. Colclough (1992) Chairperson,
Department of Health and Physical Education
 B.S., Campbell University
 M.A.Ed., East Carolina University
 D.A., Middle Tennessee State University
- Janet H. Collins (1964) Physical Education
 B.S., Westhampton College of the University of Richmond
 Graduate Study, Southeastern Baptist Theological Seminary
 M.Ed., University of North Carolina-Chapel Hill
 Additional Graduate Study, Texas Women's University,
 University of North Carolina-Greensboro, Massachusetts Maritime Academy,
 Rocky Mountain College, George William College,
 Texas A&M University, Wake Forest University
- Kenneth M. Craig (1989) Religion
 B.A., Wake Forest University
 M.Div., Southern Baptist Theological Seminary
 Ph.D., Southern Baptist Theological Seminary
 Additional Graduate Study, University of Tel Aviv
- John H. Davis (1981) English
 B.A., University of Montevallo
 M.A., Auburn University
 Ph.D., Auburn University
- Gladys A. DeJesus (1993) Business
 B.A., National University Dominican Republic
 M.A., Ohio State University
 Ph.D., Ohio State University
- James B. Dewar (1967) Biology
 B.A., M.A., East Carolina University
 Additional Graduate Study, Colorado State University,
 Oregon State University, Louisiana State University,
 Appalahan State University, East Texas State University,
 Georgia Southern University, Syracuse University
- Phyllis D. Dewar (1966) Chemistry
 A.B., East Carolina University
 M.S.T., Illinois Wesleyan University
 Additional Graduate Study, Indiana State University, East Texas
 State University, University of Pennsylvania, East Connecticut
 State College, University of Wisconsin-Madison,
 University of Hartford
- James C. Dumville (1993) Business
 A.B., Georgetown University
 M.S., Air Force Institute of Technology
 Ph.D., Virginia Commonwealth University

- Jenny E. Eakin (1989) Mathematics
 B.S., North Carolina State University
 M.Ed., North Carolina State University
 Additional Graduate Study, East Carolina University
- Andrea E. Eason (1969) Business
 A.A., Independence Community College
 B.S., Kansas State College
 M.Ed., 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
 Ed.D., Virginia Polytechnic Institute
- Joyce Elliott (1984) Speech
 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
 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
 B.S., University of Alabama
 M.A.T., University of Montevallo
 M.S., Auburn University
 Ph.D., Auburn University
- Susan B. Fecho (1987) Art
 B.F.A., East Carolina University
 M.F.A., East Carolina University
 Additional Graduate Study, East Tennessee State University,
 Western Carolina University
- James G. Garrison (1958) Physical Education
Vice President for Athletic Administration
 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
- Carl L. Garrott (1984) French, Spanish
 A.B., Kentucky State University
 M.A., Tennessee State University
 Ed.S., Western Kentucky University
 Ed.D., University of Kentucky

158—*The Directory*

- Richard R. Gay (1991) English
 B.A., University of Richmond
 M.A., University of Richmond
 Ph.D., University of North Carolina-Greensboro
- Edwin Dean Gilbert (1991) Printing Technology
 B.S., Appalachian State University
 M.A., Appalachian State University
 Additional Graduate Study, Clemson University
- Brenda Gordon (1992) English
 B.A., University of Central Florida
 M.A., University of Central Florida
 Ph.D., University of Florida
- John W. Gosnell (1971) Social Science
Acting Chairperson, Department of Social Science
 B.A., Bridgewater College
 B.D., Bethany Theological Seminary
 M.A., DePaul University
 S.T.M., Boston University
 M.A.C.T., University of North Carolina-Chapel Hill
 Ph.D., University of North Carolina-Chapel Hill
 Additional Graduate Study, East Carolina University
- David B. Gowler (1991) Religion
 B.A., University of Illinois
 M.Div., Southern Baptist Theological Seminary
 Ph.D., Southern Baptist Theological Seminary
 Additional Graduate Study, Cambridge University
- Geraldine L. Harris (1966) Head Librarian
 B.S., M.A., East Carolina University
 Additional Graduate Study, Florida State University,
 University of North Carolina-Greensboro
- John P. Harris (1964) 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
- Linda A. Hassell (1993) Assistant Librarian
 A.A., Chowan College
 B.A., Meredith College
 M.Ed., East Carolina University
 M.L.S., East Carolina University
- George L. Hazelton (1966) Physics, CIS
 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

- Hattie R. Jones (1965) CIS
 B.S., Concord College
 M.Ed., Virginia Polytechnic Institute
 Additional Graduate Study, University of Tennessee, College of
 William and Mary, University of North Carolina-Greensboro,
 University of Dayton, University of South Alabama,
 Memphis State University, James Madison University
- Kim, Hok (1993) Mathematics
 B.S., North Carolina State University
 M.S., North Carolina State University
 PhD., North Carolina State University
- Rebecca L. McLawhorn (1986) Mathematics
 B.S., East Carolina University
 M.A., East Carolina University
 Additional Graduate Study, East Carolina University
- Stanley A. Mitchell (1977) Art
 B.F.A., M.A., East Carolina University
 Additional Graduate Study, Virginia Commonwealth University,
 University of North Carolina-Chapel Hill,
 Parson's School of Design
- Carole F. Nicholson (1989) Music
 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
Chairperson, Department of Mathematics
 B.S., East Carolina University
 M.A., Duke University
 Ph.D., University of Tennessee
- Charles L. Paul (1963) Social Science
 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, European Study Tour,
 State University of New York College-Brockport
- James E. Rogers (1990) Music
 B.S., Jacksonville State University
 M.Mus., Georgia State University
 Ed.D., University of Alabama

160—*The Directory*

- Janet C. Rogers (1991) Academic Support
 B.A., Judson College
 M.A., University of Alabama-Birmingham
- Carol S. Sexton (1966) Assistant Librarian
 A.A., Lees-McRae Junior College
 B.A., North Carolina Wesleyan College
 M.L.S., University of North Carolina-Chapel Hill
- Warren G. Sexton (1959) Social Science
 A.A., Lees-McRae Junior College
 B.S., M.A., Appalachian State University
 Additional Graduate Study, University of North Carolina-Chapel Hill
- Daniel C. Surface (1970-75 1979) Physical Education
 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
- Patsy W. Taylor (1991) Merchandise Management
 B.S., East Carolina University
 M.A., East Carolina University
- R. Hargus Taylor (1963) Religion
Chairperson, Department of Religion and Philosophy
 B.A., Carson Newman College
 B.D., Southern Baptist Theological Seminary
 Th.D., Southern Baptist Theological Seminary
- Gilbert A. Tripp, Jr. (1967) Science
 B.S., Campbell College
 M.A., East Carolina University
 Additional Graduate Study, Converse College, East Carolina University,
 North Carolina State University-Raleigh, UNC-Greensboro
- Elizabeth M. Vick (1992) Art
 B.A., University of North Carolina at Chapel Hill
 M.F.A., University of North Carolina at Greensboro
 Other Study, Virginia Commonwealth University;
 UNC Junior Year Abroad Program at Universite de Paul Valery
- Dorothy A. Wallace (1965) Business
Chairperson, Department of Business
 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
 B.S., M.A., East Carolina University
 Additional Graduate Study, Colorado State College,
 North Carolina State University-Raleigh,
 University of Missouri, University of Maryland

- G. Kenneth Wolfskill (1973)English
Chairperson, Department of Language and Literature
 B.S., Samford University
 M.A., University of Kentucky
 Ph.D., University of North Carolina-Chapel Hill
 Additional Graduate Study, University of Florida
- Katherine R. Wood (1977) Assistant Librarian
 B.A., Meredith College
 M.A.E., East Carolina University
 M.L.S., East Carolina University
 Additional Graduate Study, University of North Carolina-Chapel Hill
- Norman Edward Wooten (1967) Mathematics
 B.S., Wake Forest University
 M.A., Wake Forest University
 Additional Graduate Study, East Carolina University,
 The College of William and Mary

THE EMERTI

- 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
- Robert W. Brown (1963-1990) Music
 B.A., Atlantic Christian College
 M.Ed., North Carolina State University-Raleigh
 Additional Graduate Study, Catholic University, Wake Forest University,
 East Carolina University, Boston University
- Anna Belle Crouch (1958-1978)English
 B.S., Southeast Missouri University
 M.R.E., Additional Graduate Study, 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
- 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
- Almira H. Ockerman (1965-1974)Nursing
Chairperson, Department of Nursing
 B.S., University of Minnesota
 M.N.A., University of Minnesota
 Additional Graduate Study, Washington University-St. Louis,
 New York University

Rowland S. Pruette (1967-1986)	Religion
<i>Chairperson, Department of Religion and Philosophy</i>	
B.A., Wake Forest University	
B.D., M.A., Duke University	
Additional Graduate Study, Union Theological Seminary,	
Hebrew Union College-Biblical and Archaeological School	
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	

THE INDEX

A

Academic Honors	30
Academic Program	23
Accreditation Status	4
Admission Philosophy	5
Admission, First Time Students	5
Advance Placement, CEEB	26
Art, Commercial	40
Art, Education	42
Art, Studio	41
Associate Degree Programs	
Accounting	93
Business Administration	92
Computer Information Systems	94
General Business	95
Liberal Arts	78
Merchandise Management	96
Music	80
Music Business	81
Photography	97
Pre-Agriculture	86
Pre-Athletic Training	91
Pre-Computer Science	83
Pre-Dental	88
Pre-Dental Hygiene	87
Pre-Engineering	83
Pre-Forestry	85
Pre-Medical	88
Pre-Medical Illustration	82
Pre-Medical Technology	90
Pre-Nursing	91
Pre-Optometry	84
Pre-Pharmacy	88
Pre-Physical Therapy	89
Pre-Psychology	79

Pre-Pulp and Paper	
Science	85
Pre-Veterinary Medicine	88
Printing Technology	97
Social Studies	78

B

Board of Trustees	151
Board of Visitors	153
Business Administration	36
Business Core Requirements	37

C

Calendar	1
Class Attendance Policy	31
Classification, Student	31
Classroom Conduct	32
Courses of Instruction	99
Business	99
Education	107
Fine Arts	110
Graphic Communications	119
Health, Physical Education	123
Language, Literature	131
Mathematics	136
Religion, Philosophy	140
Science	142
Social Science	146
Courses, Adding	31
Courses, Dropping	31
Courses, Non-Credit	28
Credit, CLEP	26
Credit, Correspondence Courses	26
Curricula	35

D

Directory	151
-----------------	-----

E

Education, Curricula	43
English, Curricula	48
Executive Committee, Board of Trustees	151

F

Faculty	155
Fees, Boarding Students	15
Fees, Commuting Students	15
Financial Information	15

G

General Education Requirements	35
Grades	28
Graduation Requirements	23
Graduation Requirements, Associate	23
Graduation Requirements, Baccalaureate	23
Grants	18

I

Institutional Goals	3
International Students	6

L

Liberal Arts, Associate	78
Liberal Studies, Curricula	54
Loan Funds	19

M

Majors, Minors	25
Mathematics, Curricula	56
Medical Records	8
Minors, Business	39
Music Business, Associate	81
Music Education, Curricula	58
Music, Associate	80

P

Payment, Advance	8
Physical Education, Curricula	50
Printing Production Technology	63
Purpose of College	3

Q

Quality Point System	28
----------------------------	----

R

Re-examinations	29
Readmission Procedures	7
Refund Policy	17
Registration, Auto	10
Religion, Curricula	65
Repeated Courses	29
Requirements, Continued Enrollment	29
Requirements, General Education	24

S

Science, Curricula	66
Social Conduct	13
Social Studies, Associate	78
Special, Part-Time Students	7
Sports Management, Curricula	52
Standards, Financial Aid	20
Student Classification	31
Student Life	9
Student Load	28
Student Records	33

T

Transcript Requests	33
Transfer Admission Program	6
Transfer Credits	26

V

Veterans	7
----------------	---

W

Waivers, Course	27
Withdrawal Policy	32

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Chowan College
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