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UNDERGRADUATE CATALOG

1991-92



Gardner-Webb College

Boiling Springs, North Carolina 28017

Gardner-Webb College

1991-92

Bolling Springs, North Carolina 28017

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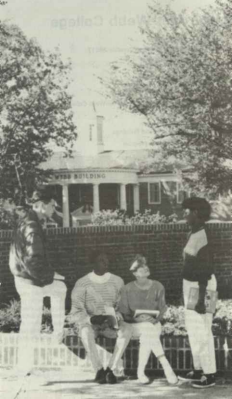
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Gardner-Webb
Vol. 94-August 1991

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Gardner-Webb College is committed to equality of opportunity in all areas of education and does not discriminate on the basis of race, color, sex, age, or handicap in any form against applicants or students on the basis of race, color, sex, age, or handicap.

Basic rate postage paid at Bolling Springs, N.C. 28017.



Calendar

Fall Semester 1991

August 13-14 (Tues-Wed)

August 17 (Saturday)

August 19 (Monday)

August 20 (Tuesday)

August 21 (Wednesday)

August 26 (Monday)

August 27 (Tuesday)

August 27 (Tuesday)

October 10-11 (Thurs-Fri)

October 18 (Friday)

October 23 (Wednesday)

November 27 (Wednesday)

December 2 (Monday)

December 6 (Friday)

December 9-14 (Mon-Sat)

Faculty Workshop

Arrival of All New Students

Arrival of Returning and Readmitted Students; Registered Students Pick Up Schedules; Students see Advisers as Needed

Registration for Students Not Previously Registered; Schedule Correction

Classes Begin at 8:00 a.m.

GOAL and Graduate Classes Begin

Fall Convocation; Last Day for Late Registration

Last Day for Schedule Modification

Mid-Semester Reports

Fall Break Begins After Classes

Classes Resume at 8:00 a.m.

Thanksgiving Holiday Begins at Close of Afternoon Classes

Thanksgiving Holiday Ends at 8:00 a.m.

Last Day of Classes

Examinations

Spring Semester 1992

January 6 (Monday)

January 7 (Tuesday)

January 8 (Wednesday)

January 13 (Monday)

January 14 (Tuesday)

January 14 (Tuesday)

Feb. 27-28 (Thurs-Fri)

February 28 (Friday)

March 9 (Monday)

April 17 (Friday)

April 21 (Tuesday)

April 29 (Wednesday)

April 30 (Thursday)

May 1-May 7 (Fri-Thurs)

May 9 (Saturday)

Orientation for New Students;

Residential Students Return;

Registered Students Pick Up Schedules

Students See Advisers as needed

Schedule Correction; Registration

for Students Not Previously Registered

Classes Begin at 8:00 a.m.

GOAL and Graduate Classes Begin

Last Day for Late Registration

Last Day for Schedule Modification

Mid-Semester Reports

Spring Vacation Begins After Classes

Classes Resume at 8:00 a.m.

Easter Vacation Begin After Classes

Classes Resume at 8:00 a.m.

Last Day of Classes

Reading Day

Examinations (Including Saturday Exams)

Commencement

Summer School 1992

First Term: May 25 - June 26

May 25 (Monday)

June 25 (Thursday)

June 26 (Friday)

Late Registration; Classes Begin

Last Day of Classes

Exams

Second Term: June 29 - August 2

June 29 (Monday)

July 30 (Thursday)

July 31 (Friday)

August 1 (Saturday)

Late Registration; Classes Begin

Last Day of Classes

Exams

Commencement



Introduction to Gardner-Webb

Gardner-Webb College is a coeducational, residential, church-related college on a beautiful campus just outside Shelby at Bowling Springs, North Carolina. The College derives its name from O. Max Gardner, distinguished governor of North Carolina in the 1930s, and his wife, Faye Webb Gardner. The beauty of the campus and the quality of the academic program owe much to their example and leadership.

Location. Gardner-Webb College is located in the Piedmont section of western North Carolina, one of the most desirable and rapidly developing areas of our nation. Bowling Springs is a small rural town. Nearby Shelby, a city of 20,000, is noted for its support of the arts and as the home of state and national leaders. Forty-five miles east of Gardner-Webb is the thriving city of Charlotte, the largest city in the Carolinas. Less than one hour away to the south is the city of Spartanburg, South Carolina.

Gardner-Webb is easily accessible, being located only three miles from U.S. 74 and thirteen miles from Interstate 85. Less than one hour from campus are the Smoky Mountains with many recreational opportunities. Gardner-Webb College enjoys the lifestyle of a relatively small institution yet has the advantage of being centrally located to major urban resources in nearby areas.

Students. Gardner-Webb College, founded by Southern Baptists in 1906, has grown steadily to its current enrollment of over 2,000 students. The 1,700 undergraduates come from many states and several foreign countries. Slightly less than half of the students are men, and the student body includes several racial and socioeconomic groups. Gardner-Webb College admits students of any race, color, sex, and national or ethnic origin without discrimination. This diversity enriches the life of the campus community and reflects the nature of American society.

Programs. Gardner-Webb College is committed to the liberal arts as the best preparation students can have for rewarding, meaningful lives. In addition, the College offers programs in career-oriented fields to prepare students for specialized work. All of the programs at Gardner-Webb are evaluated periodically by accrediting agencies to insure that standards of quality are maintained.

Gardner-Webb provides three distinct academic programs—the on-campus program, the GOAL Program (evening classes taught in a number of locations for graduates of two-year colleges), and the Graduate Program, designed to provide master's level work for teachers and counselors. For additional information on the GOAL and Graduate programs, see the bulletin for each program.

The undergraduate on-campus program is designed to help the student gain maximum benefit by providing a balanced curriculum

in general studies, a major field, and selected electives. Students are encouraged to develop a proficiency in the oral and written use of the English language, an appreciation of cultural, social and scientific achievements, and an awareness of religion and history. The upper level courses provide opportunities for concentration in the areas of special interest and in professional and career-oriented fields. To meet such individual needs the academic program includes independent study and career internships.

Complementing the academic program at Gardner-Webb College is a broad range of student life programs and activities designed to enable students to develop their personal identities, and to create lifetime friendships.

Faculty. Gardner-Webb College is blessed with a dedicated staff and an excellent faculty--seventy percent of whom hold doctorates. The primary concern of the faculty is teaching. The faculty have been chosen because of their academic preparation, their Christian commitment, and their desire for excellence in teaching. Many of Gardner-Webb's faculty have blessed the College with long years of service. The faculty is large enough to provide well-rounded academic programs. Yet a major strength of Gardner-Webb is that the College has remained small enough so that the relationship between faculty and students is friendly, informal and lasting. The faculty/student ratio is 1:15.

Academic Calendar

The College's academic year is divided into two semesters and a summer school. The fall semester is a four-month term, ending prior to Christmas holidays. Following the four-month spring semester is a comprehensive summer school of two terms of five weeks each. Evening classes both on-campus and at various off-campus locations are offered throughout the year.

The calendar is designed to meet the needs of full-time students with day and evening schedules, part-time students, and members of the communities in which classes are taught who desire further educational work.

Summer school serves the purposes mentioned above and also provides an opportunity for new students or students enrolled in other colleges to accelerate completion of degree requirements.

Various study-abroad programs complement the academic calendar.

The College offers workshops and seminars on a variety of topics and for a variety of groups throughout the year.

History

Gardner-Webb College has experienced remarkable growth, perseverance, and maturity. The institution began as a boarding

high school and later became a junior college. Today Gardner-Webb is a thriving senior college with a growing master's program.

From a movement initiated by the Kings Mountain Baptist Association in 1903, and later joined by the Sandy Run Baptist Association, the Boiling Springs High School was chartered on December 2, 1905, as an institution "where the young...could have the best possible educational advantages under distinctive Christian influence." This close relationship of the institution to the area churches continues today.

In response to the changing educational needs of the area the institution was transformed into the Boiling Springs Junior College in 1928. The Great Depression created many problems for the College, but its survival was secured by the sacrifices of many loyal supporters.

In 1942, Governor O. Max Gardner began devoting his energy, time, and wealth to strengthening and guiding the College. So important was his influence that the name of the institution was changed to Gardner-Webb College in honor of the governor, his wife Faye Webb Gardner, and their families.

The decades following World War II were years of physical growth and academic development. New buildings went up as enrollments increased. A major step in the College's development was its full accreditation as a senior college in 1971. In 1980 the College began offering a master of arts degree in education. Today Gardner-Webb College offers five distinct degree programs, a highly qualified faculty teaching in 27 major fields, and a beautiful campus of over 200 acres.

Historically the College has played significant roles in teacher education and pre-ministerial preparation for church-related vocations. Programs of instruction and experiences designed to prepare teachers and ministers continue to be major objectives of the College.

Although there have been many changes over the years, Gardner-Webb College remains closely related to the North Carolina Baptist State Convention. The College holds in high esteem its commitment to Christian principles and values as the best foundation for the development of human personality and social order.

Presidents

James Blaine Davis, 1928-30; Zeno Wall, 1930-32; James L. Jenkins, 1932-35; A.C. Lovelace, 1935-38; George J. Burnett, 1938-39; J.R. Cantrell, 1939-43; Philip Lovin Ebert, 1943-61; E. Eugene Poston, 1961-76; Craven E. Williams, 1976-86; M. Christopher White, 1986-.

The Purpose of Gardner-Webb College

The purpose of Gardner-Webb College is to provide learning of distinction in the liberal arts and in professional studies within a caring community based on Christian principles and values.

Preamble:

Gardner-Webb College embodies a central concept of the Judeo-Christian tradition, which emphasizes oneness in plurality. God is one, yet He is experienced as Father, Son, and Holy Spirit. Likewise, we are a community which is at once individual and corporate. Thus, as a family we recognize the distinctive importance of each member; as members, we recognize the unique importance of the family. We are one family with many members, one institution with many disciplines.

Ultimately, our purpose is rooted in Jesus Christ and is reflected in the words of the Hebrew injunction that He quoted: "Thou shalt love the Lord thy God with all thy heart, and with all thy soul, and with all thy mind....Thou shalt love thy neighbor as thyself."^{*}

Gardner-Webb College strives to:

Maintain its commitment to the Christian faith through the Baptist denomination, fostering the conviction that God exists and that He is revealed in Jesus Christ. This community recognizes that no truth can be separate from the ultimate truth of Jesus Christ. This truth, fearing nothing from investigation, is reflected in every discipline.

Instill in its students a dedication to the pursuit of knowledge, developing within the context of its Christian mission a program of critical thinking through a curriculum of liberal arts, preprofessional studies, and professional studies. This intellectual commitment demands academic excellence, moral integrity, intellectual honesty, and recognition of the dignity of each individual.

Engender the belief that Christian growth and academic knowledge inspire service to humanity, encouraging in students a commitment to a life of learning and a dedication to aiding all members of society. Through this service the whole being is fulfilled. The College, as an example of service, dedicates itself to serving its community and the larger world.

^{*}Matthew 22:37-38

Accreditation

Gardner-Webb College is accredited by the Commission on Colleges of the Southern Association of Colleges and Schools. In addition several departmental programs are accredited by the appropriate state or national agencies. The Education program is accredited by the North Carolina Department of Public Instruction. The Nursing and Music programs are accredited by the National League of Nursing and the National Association of Schools of Music respectively. The College is authorized by the immigration authorities of the United States for the training of foreign students.

Campus and Buildings

The Gardner-Webb campus is beautiful, spacious, and rich in lawns and trees. It is designed and equipped to serve its living and learning community. Over 200 acres of rolling landscape provide more than adequate space for buildings, playing fields and landscaped areas. Extensive building and improvement projects have been completed in recent years. The present living and dining facilities are designed to serve a resident student body of approximately 1,000. Among the campus and buildings are the following:

Admissions Building was purchased and completely renovated in 1990. The building contains the offices of Admissions and Financial Planning.

Athletic Fields consist of many acres of practice and playing fields, situated around the campus, for football, baseball, soccer and softball. There is adequate space for all sports, intramural and intercollegiate. In addition, the campus boasts a physical conditioning trail.

Blanton House is the residence of the College president. In 1881 the children of George and Ida Wood Blanton gave their family home to the College. Built in 1888, the colonial design home is located in Shelby.

Bost Physical Education Building and Swimming Pool is named in memory of L.C. Bost of Shelby and Mrs. Jean Bost Gardner. The facility contains basketball courts and classroom areas. The Olympic-sized swimming pool is heated and enclosed for year-round use.

Campus House was acquired in 1895. An addition was made in 1974.

Communications House was acquired in 1990. Public Information, Sports Information, and Graphics and Publications are all housed in this building.

Hubert M. Craig Building is named in memory of Hubert M. Craig, Sr., of Gaston County, a former trustee of Gardner-Webb

College. The building houses classrooms and offices for the Education and English departments.

Decker Hall, housing 140 women students, was named in memory of James Webb "Decker" Gardner, the son of the late Mr. and Mrs. O. Max Gardner, Sr. Built in 1948, the three-story brick structure was completely renovated in 1986.

Charles I. Dover Student Center, constructed in 1966, was completely renovated in 1980. It houses the cafeteria, lounges, the Campus Shop, student government offices and student development administrative offices. The building is named in memory of Charles I. Dover of Shelby, a long-time friend and benefactor of Gardner-Webb College.

John R. Dover Memorial Library is named in memory of Mr. and Mrs. John R. Dover, Sr., pioneer industrialists of Cleveland County. The three-story structure, erected in 1974, is designed to provide seating for over 450 students. The holdings include several special book collections, the most notable being the library of the local post-Civil War author, Thomas Dixon, and the diaries and scrapbooks of the late Mrs. O. Max Gardner. The library houses the Belk-Eds Computer Center which is equipped with state of the art IBM equipment. The computer center was provided by the William Eds family of Shelby, N.C., and the Belk Foundation. Located across from the Library is the Kathleen Nolan Dover Garden. The garden was given in memory of Mrs. Dover by her husband, Charles I. Dover, and their family and friends.

J.R. Dover, Jr., Memorial Chapel is a graceful and inspiring structure which stands at the formal entrance to the campus. Erected in 1972, the interior features a 336-seat auditorium. The lower level houses the Social Sciences department and classrooms.

Philip L. Elliott Hall, originally constructed in 1952, honors the memory of the seventh president of the College. Renovated in 1985, the building houses the Davis School of Nursing, the Communication Studies Department and classrooms.

O. Max Gardner Memorial Fine Arts Center, completed in 1948, was constructed and furnished by the family of the late Governor O. Max Gardner. The building contains a recital hall, music studios and offices, classrooms, practice rooms, a band room and an art laboratory.

GOAL Building houses the Office of Special Studies which consists of the Greater Opportunities for Adult Learners (GOAL) program and Summer School. The Honors Program is located here.

E.B. Hamrick Building was built after World War I as a memorial to area residents who gave their lives for the cause of freedom. It was destroyed by fire and rebuilt in 1940. In 1943, the rebuilt structure was named in memory of E.B. Hamrick. In 1982, the building was placed on the National Register of Historic Places.

Hoey-Anthony-Padgett-Young (H.A.P.Y.) Hall houses 120 women students and was completely renovated in 1988. The central section of the residence hall was constructed in 1946, and the wings were added in 1948 to form an open quadrangle. The east wing is named in memory of the Reverend John W. Suttle of Shelby, and the west wing is named in memory of A.W. McMurry of Shelby. Hoey-Anthony is the first floor of the central building, named in memory of Senator Clyde R. Hoey and his wife, Bess Gardner Hoey, of Shelby; and in memory of J.A. Anthony and his wife, Ollie Gardner Anthony, of Shelby. Padgett-Young is the second floor, named in memory of Tilden R. Padgett and his wife, Cleo King Padgett, of Forest City; and in memory of Dr. Guilford Young and his wife, Florence Jackson Young, of Forest City.

Lindsay Building, completed in 1967, is a three-story, air-conditioned structure. It was named for the late David Lindsay and his wife, Winifred Herbert Lindsay, of Rutherfordton. The building houses the Bryn Mawr School of Management, the Religion and Psychology departments and classrooms.

Lutz-Yelton Convocation Center, completed in 1982, serves as the center of cultural and athletic activities for the area. Included in the Center is the 800 seat Kathleen Nolan Dover Theatre, named in her memory by her husband, Charles I. Dover, and their family. The stage is fully equipped to handle all types of dramatic productions. Also included in the Center is the Paul Porter Arena, which seats 4,500 for basketball games and various meetings. Classrooms, offices for faculty and coaches, handball courts and athletic training facilities complete the Center.

Lutz-Yelton Hall houses 100 men. This impressive building, completed in 1963, is named for the former Lutz-Yelton Companies of Shelby.

Mauney Hall is a four-story brick structure completed in 1966. It houses 112 men and is named in honor of Mr. and Mrs. W.K. Mauney, Sr., and in memory of Mr. and Mrs D.C. Mauney of Kings Mountain.

Myers Hall, named in memory of Albert G. Myers, Sr., of Gastonia, was completed in 1967. The attractive two-story brick structure houses 64 men.

Narney Hall, completed in 1967 is a two-story brick structure which houses 64 women students. Narney Hall is named in memory of C.P. and Irene B. Narney of Gastonia.

Noel House contains the programs for handicapped students. The house was named in 1986 in memory of Dr. George Noel and in honor of his wife, Marguerite, of Kannapolis, N.C.

Physical Plant Building, formerly the Boiling Springs Elementary School, houses the physical plant, housekeeping, and maintenance offices. The property was acquired by the College in 1990.

Radio Station WGWC is a 5,000-watt stereo FM educational station broadcasting over a radius of 50 miles. Made possible by the family of the late Lee Polk Frans of Hickory, N.C. the studios are located on campus in the president's former home.

Reception Center contains a visitors' center, the Safety and Security Department offices and student publications.

Royster Hall, which houses 95 men students, was formerly Royster Memorial Hospital. When the Crawley Memorial Hospital was completed in 1977, the one-story brick building was renovated for residence hall use.

Ernest W. Spangler Memorial Stadium, completed in 1966, includes a football stadium seating 6,000, a track, and a fully equipped field house. The facility is named in memory of Ernest W. and Verna Patrick Spangler of Shelby. The field house is named in honor of V.F. Hamrick of Shelby.

Spangler Hall was constructed in 1968 and houses 95 men. The three-story brick building is named in memory of R. Patrick Spangler of Shelby, a friend and benefactor of the College.

Stroup Hall houses 100 women and was completely renovated in 1986. The three-story brick structure is named in honor of Mrs. Mae Cline Stroup, a benefactor and former trustee of the College, and in memory of her husband, Rush Stroup.

Suttle Tennis Courts are named in honor of Mr. and Mrs. J.L. Suttle, Jr., of Shelby. The eight courts are lighted for evening play.

Washburn Memorial Building is a brick structure erected in 1941 by Seaton A. Washburn in memory of the Washburn families. Originally used as a library, the building now houses the Department of Foreign Languages.

Webb Administration Building was built by the O. Max Gardner Foundation in memory of Mrs. O. Max (Faye Webb) Gardner, her parents, grandparents, and great-grandparents. The first wing was completed in 1960, and the second wing was added in 1973. The building houses administrative offices, including the office of the president. In front of the Webb Building is the Suttle-Wall Tower of Light. The tower, built in 1968, is in memory of Joseph Linton Suttle and Dr. Zeno Wall.

Craven F. Williams Observatory, named in honor of the College's ninth president, was built in 1990. The facility contains a powerful telescope and a multipurpose conference room.

Withrow Mathematics and Science Building, named in memory of A.T. Withrow of Charlotte, a benefactor of the College, has facilities for mathematics, biology, chemistry, and physics.

Special Academies

The Broyhill Academy for the Study of Independent Concepts

The Broyhill Academy's programs are designed to help citizens examine basic concepts and issues, especially the preservation of individualism and a free economic system. Through a variety of conferences, symposia, and publications, the Academy provides information relative to economic, social, and ethical issues.

B.E. Morris Academy for Christian Studies

The Reverend B.E. Morris, his family and friends contributed generously to endow the B.E. Morris Academy for Christian Studies. The academy sponsors special learning opportunities both on and off campus to assist church and denominational leaders in their ministries. Workshops, short courses, retreats, lectures, and seminars are used to teach biblical skills to enhance church growth and personal faith.

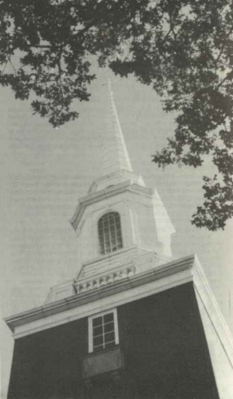
Visitor's Information

Visitors to Gardner-Webb College are welcome at all times. The administrative offices are open Monday through Friday from 8:00 a.m. until 5:00 p.m. The admissions office is also open on Saturday from 9:00 a.m. until noon. Administrative officers and members of the faculty are available at other times by appointment.

Travel Information

Gardner-Webb College is in the town of Boiling Springs, N.C., a community just outside Shelby. The College is only thirteen miles from Interstate 85 and three miles from U.S. 74. It is accessible to airline services at Charlotte and Greenville-Spartanburg. The telegraph address is Shelby, and the College is served by the Shelby-Lattimore telephone exchange. The number is (704) 434-2361. The FAX number is (704) 434-6246.





Academic Program

The academic program of Gardner-Webb College is designed to prepare graduates to go directly into such fields as business, public service, teaching and nursing or to enter graduate and professional schools. The academic program is designed to meet the needs of a wide variety of students, ranging from developmental studies to academic honors.

Degrees and Major Fields of Concentration

Courses are offered leading to the graduate degrees of Master of Arts in Education, School Counseling and Agency Counseling, and the undergraduate degrees of Bachelor of Arts, Bachelor of Science, Bachelor of Science in Nursing, and Associate in Arts.

For detailed information concerning the graduate programs please contact the Graduate Program office of Gardner-Webb College.

The Bachelor of Arts degree is awarded in the following fields: Communications, English, English with Teacher Certification, French, French with Teacher Certification, History, Liberal Arts, Music, Music Education, Religious Studies (Religion and Education Studies tracks), Sacred Music, Social Sciences, Social Sciences with Teacher Certification, Sociology, Spanish, and Spanish with Teacher Certification.

The Bachelor of Science degree is awarded in the following fields: Accounting, Administrative Management, Biology, Biology with Teacher Certification, Business Administration, Chemistry, Chemistry with Teacher Certification, Computer Science, Elementary Education (K-6), Middle Grades Education (6-8), Health Education, Health Education with Teacher Certification, Industrial Management, Management Information Systems, Mathematics, Mathematics with Teacher Certification, Medical Technology, Physical Education, Physical Education with Teacher Certification, Physician Assistant, and Psychology. A dual degree program in Engineering is offered with Auburn University.

The Bachelor of Science in Nursing degree may be earned at the campus in Statesville, N.C.

The Associate in Arts degree is awarded in Nursing and in Sign Language Studies.

Minor Fields of Concentration

Requirements for most of the major fields in the B.A. and B.S. programs include a minor concentration consisting of at least 15 semester hours.

The following minor fields are available: Art, Athletic Training, Biology, Business Administration, Chemistry, Church Recreation, Classical Languages, Coaching, Communications, Computer Science, Drama, Economics, Education, English, Foreign

Languages, French, Health Education, Health Science, History, Liberal Arts, Management Information Systems, Mathematics, Music, Physical Science, Political Science, Psychology, Religious Studies, Sign Language Studies, Social Sciences, Sociology and Spanish.

General Studies

A strong emphasis on the liberal arts continues to be a significant feature of the academic program for undergraduate students. The College seeks to develop quality graduates who think logically, communicate clearly, and appreciate broadly. Therefore, every student is expected to demonstrate competency in English, reading and mathematics. In addition, the General Studies requirements reflect a broad and diversified curriculum designed to prepare students for a future of continual growth.

Independent Study and Research

An integral part of the academic program at Gardner-Webb College is the opportunity to do independent study and conduct research projects. With assistance of faculty members, junior and senior students are encouraged to develop expertise in areas of interest beyond those covered in the course offerings.

Experiential Education

Gardner-Webb College supports programs which encourage students to relate classroom learning to work experience. In fields such as Teacher Education, Nursing, Physician Assistant and Medical Technology, the experiential dimension is interwoven in the course requirements. In other fields, such as Communications, Psychology and Religious Studies, students are encouraged to participate in internships. Internships are available throughout the academic year and during summers. For additional information students should contact the departmental chair of the area of interest.

Preprofessional Programs

Gardner-Webb College offers programs which prepare students for professional studies in such fields as ministry, medicine, dentistry and law. In addition, the College prepares students to enter any professional programs, either at the graduate or undergraduate level, that are based on a liberal arts education.

Preministerial (Any Full-time Christian Vocation)

Traditionally a significant number of Gardner-Webb students have prepared for a variety of Christian ministries. Although no particular major is required for seminary or divinity school, in general students who are interested in these areas should expect to major in Religious Studies or any of the liberal arts areas.

Premedical and Predental

Medical and dental schools desire students who have demonstrated academic excellence in science fields combined with the broad base supplied by the liberal arts. Gardner-Webb graduates have experienced a high degree of success in gaining admission to medical and dental schools. Students interested in these schools are encouraged to major in Biology or Chemistry. Students interested in a career in veterinary medicine, optometry and other health professions that require graduate work generally complete the same courses as premedical and predental students.

Prelaw

According to the Association of Law Schools, there are two objectives of undergraduate education for prospective law students: first, the student should learn to reason logically; second, the student should learn to express thoughts clearly and concisely both orally and in writing. Gardner-Webb College provides a number of majors that give the student background for admission to law school.

All Preprofessional Majors

Gardner-Webb College encourages students who plan to enter a professional school for graduate work after completing their baccalaureate to use the catalog of the professional school they wish to enter as a guide to choosing undergraduate courses. In order to assist students, Gardner-Webb College provides the services of faculty advisers for each preprofessional program.

Professional Programs

Gardner-Webb College offers professional programs in a number of areas, including Accounting, Administrative Management, Business Administration, Communications, Computer Science, Industrial Management, Management Information Systems, Medical Technology, Nursing, and Physician Assistant. Graduates of these programs are prepared to enter beginning-level professional positions. Graduates who are interested may continue their studies in graduate programs.

Engineering

Gardner-Webb College has an agreement with Auburn University which established a Dual-Degree Program, whereby the student attends Gardner-Webb for three years and the School of Engineering at Auburn University for two years. At the completion of the work the student receives degrees from both Gardner-Webb and Auburn.

Special Academic Programs

Gardner-Webb College offers a variety of special academic programs for students with special needs and qualifications.

Blind and Visually Handicapped Program

Through this program blind and visually handicapped students have full access to a baccalaureate education. Special orientation is given to help students make the transition to college. Campus facilities are labeled in braille and large print. Reader service is provided by the College, and a laboratory assistant is provided for students taking science courses.

A wide variety of equipment is provided, including brailers, adapted tape recorders, and talking calculators. A Kurzweil Reader, the most advanced computer aid for visually impaired persons, is available for student use. A special resource room is equipped in the library. Residence hall rooms are equipped with recorders with earphones, braille writers, and talking clocks.

The program director and other staff are available for academic, personal and career guidance.

Blind students pay no additional fee for these services. Academic standards are the same as those for sighted students.

Deaf and Hearing Impaired Program

Gardner-Webb College provides liberal arts educational opportunities for hearing impaired students. Qualified interpreters, counselors, tutors, and note-takers enable these students to attend fully integrated classes and extracurricular activities of the College.

Special consideration is given to applications from deaf students. If necessary, the SAT score can be waived. The Stanford Achievement Test for the Hearing Impaired (SATHI) is utilized. The College's developmental program can help students who lack proficiency in English, mathematics or reading.

Residence halls are equipped with visual fire alarms, doorbell lights, and TTYs. Inductive loop auditor systems are in the classrooms and the convocation center. Tape recorders are available for students who wish to tape classroom lectures. The College is alert to add newly developed sound amplification equipment that will aid the hearing impaired student in the classroom.

The program director and other staff are proficient in sign language. They are available for academic, personal, and career guidance.

Hearing impaired students pay no additional fee for those services. Academic standards are the same as those for other students.

Developmental Program

The Developmental Program is designed to help students attain proficiency levels in English, mathematics and reading. College credit is earned for the successful completion of all courses taken in the developmental areas. The program features small group instruction by qualified faculty, and it has been recognized for helping students become successful in their overall academic work.

GOAL Program

The Greater Opportunities for Adult Learners (GOAL) program provides opportunities for students possessing an A.A. or A.A.S. degree to continue their studies culminating in a baccalaureate degree. GOAL programs are available in the following curricular areas: Accounting, Business Administration, Business Management, Health Management, Criminal Justice, Human Services, and Management Information Systems.

Courses in the GOAL program are scheduled on weekday evenings in a number of GOAL centers. In addition to the Gardner-Webb campus, GOAL programs are provided in the following regional locations: Charlotte, Dallas, Dobson, Morganton, Newton, Rockingham, Statesville, Troy, Wilkesboro, and Winston-Salem.

For additional information on the GOAL program contact the Special Studies Office on the Gardner-Webb campus or consult the Special Studies Bulletin.

High School Seniors Program

With the consent and recommendation of the high school principal, rising high school seniors may complete their last year of high school at Gardner-Webb College while simultaneously earning full college credit.

High school seniors and rising high school seniors may take courses at Gardner-Webb College while still enrolled in high school.

College credit for work successfully completed will be granted subsequent to high school graduation.

instruction. Computerized searching and interlibrary loan services are available.

Placement Services

Gardner-Webb College has a placement office which is dedicated to helping graduates find meaningful employment. On-campus and off-campus interviews are arranged with prospective employers.



Student Life

Gardner-Webb College is committed to the education of the whole person. This includes the mind, the body and the spirit. To this end, the College considers the student's activities outside the classroom to be just as important as the classroom experiences. These activities and others help the student to develop social and interpersonal skills, deepen spiritual commitments, explore career opportunities, formulate a philosophy of life, develop leadership skills, and develop sound ethical and moral principles. Experiences in residence halls, student government, the Student Center, service organizations, informal social groups, and on intramural teams are important to the student's total development. The College supports and encourages student involvement in a variety of activities.

The Student Development Division consists of the departments of Athletics, Campus Ministry, Counseling, International Student Affairs, Residence Life, Safety and Security and Student Activities/Intramurals.

Athletics

Intramurals. The purpose of the intramural program is to give all students an opportunity to participate in recreational activities. Both men and women participate in a comprehensive program of healthy competition.

Intercollegiate. Gardner-Webb College is a member of the National Collegiate Athletic Association Division II and the South Atlantic Conference (SAC). Intercollegiate teams compete in football, men's and women's basketball, baseball, golf, lacrosse, men's and women's soccer, women's volleyball, women's softball, and men's and women's tennis and wrestling.

Campus Ministry

The spiritual development of students is of vital concern in the educational process of the College. To result in men and women who grow in faith and who are equipped to be better Christian servants in God's world, students are provided with opportunities to explore their individual pilgrimage of faith as well as to engage in outward practical ministry to others. Students are encouraged to be involved in local churches along with campus religious activities and groups, both of which are helpful as students pursue spiritual growth. The Campus Minister advises many of these groups and is available to counsel and meet with individual students.

Worship opportunities are provided weekly on campus for the entire college community and are mostly student-led. In addition, there are a number of other religious emphases held annually such

as the Staley Lecture Series, Fall Revival, Spring Student-led Revival, Sunday Celebrations and Special Convocation programs.

Student religious organizations provide programming to explore faith and its practical place in life. Some of these organizations include: Baptist Student Union, Ministerial Alliance, Religious Education Club, Baptist Young Women, Fellowship of Christian Athletes, Gospel Choir and Catholic Campus Ministry. All are open to interested students. Many of these groups provide volunteer ministry opportunities locally through weekend FOCUS ministry to local churches, service in nursing homes, hospitals and other agencies.

Many students preparing for ministry participate in Ministerial Education Days thereby gaining valuable experience in preaching as they are invited by Baptist churches and associations throughout the piedmont and western North Carolina.

Missions opportunities are available to all interested students during Spring Break and the summer each year.

Counseling

The purpose of the Counseling Center is to assist students in making the most of their opportunities for academic and personal development while attending college. Personal, academic, educational, and career counseling are provided.

The professionally trained and experienced counselors are committed to assisting students in their total development. They assist the student with self-assessment, self-understanding, personal and social adjustment, as well as career development. They seek to provide a concerned, caring environment where students learn individual responsibility, and skills for coping with crisis situations, present and future problems.

Counseling services for students are offered without cost to the student. Counseling sessions are kept confidential. Community referral services are available.

The Career/Placement Office assists with career planning and job placement. The services are available to all GWC students, graduates and alumni on individual basis or group counseling from professionals. Career testing and/or a computerized career guidance program called SIGI may be used. Resource materials are available in the career center and the college library. Services include job fairs, and on-campus interviews for employers seeking employees, workshops and seminars on career planning, resume writing, interview techniques, and job hunting skills. Information is also available on internships, summer jobs and full and part-time jobs.

Resource materials include college catalogs, company brochures, career planning guides, occupational information and other related materials.

Freshman Programs

Once a student has been accepted to attend Gardner-Webb, the Student Development Division begins its communication with the student. All new and transfer students are required to participate in one of several summer orientation programs as well as the fall Big Brother, Big Sister, and Faculty Mentor Program. The division also coordinates a brief orientation program for new and transfer students who enter college in January.

Throughout the year there are many opportunities for involvement with faculty, staff and other students. The Freshman class elects officers in the first several weeks of the fall semester and organizes programs throughout the year including Homecoming, Parents Weekend, Adopt-A-Highway community project, Spring Jubilee and special holiday programs.

In addition to coordinating a variety of programming opportunities, the staff members offer individual guidance to freshmen including areas of personal adjustments, study skills, and time management.

International Student Affairs

The International Student office exists for the purpose of assisting international students in their admission procedures and in their adjustment to college life in the United States. It provides them with opportunities to become acquainted with, and achieve some understanding of, the American culture, making available activities that will enhance their time of residence in America and on the Gardner-Webb College campus. In addition, it provides counseling and advising for those who may have problems or difficulties as they adjust to American culture and college life.

These purposes are achieved, primarily, through intensified English courses, field trips designed to present American life and culture, campus and community activities and personal counseling and advising.

Residence Life

The College and the Residence Life Department strive to make residential living attractive, comfortable and developmental in nature. All of the residence halls are air conditioned and rooms are designed for double occupancy. Rooms are furnished with 2 beds, 2 dressers/wardrobes, 2 desks and 2 chairs. Students may bring linens, pillow, and other items to personalize their room. It is strongly suggested that they consult with their roommate about decor and items they want to bring.

Residence halls open the day before registration each semester and close after classes at the end of the fall, spring and summer semesters. Seniors only may remain through Commencement in

spring and summer semesters. Residence halls close during vacation periods--fall break, Thanksgiving, Christmas, spring break, and Easter.

Provided on-campus housing space is available, all freshman and sophomores are required to live in the residence halls. Exceptions are those students living with parents, guardian or spouse.

Room assignments are made through the Residence Life Office. Notification of room assignment will be made by August 1. Returning students have the opportunity to reserve a space during the spring semester for the following fall semester. A \$100 deposit is required to reserve a space.

Each residence hall is staffed with a Resident Director and Resident Assistants. The staff is available to assist students with a variety of situations and procedures. The halls are equipped with laundry rooms with coin operated washers and dryers, vending machines for snacks and beverages, and lobbies.

Safety and Security

The Safety and Security department provides the college community with a trained, around-the-clock force whose primary function is to protect life and property. Services are provided by the department which contribute to creating a safer campus. Among the services are traffic control, seminars on topics such as fire safety and crime prevention, a 24 hour emergency telephone number, an escort service during the evening hours, and both foot and vehicle patrol of all the campus.

Student Activities/Intramurals

The office of Student Activities/Intramurals is responsible for the educational, recreational and social programming for the students at Gardner-Webb College. A variety of programs are offered to help and encourage the student to grow socially, culturally and spiritually. All students are encouraged to attend and take part in campus activities.

Student Government

Representing the interests of the Gardner-Webb student body is the Student Government Association (SGA). Projects and proposals dealing with social, cultural and academic life are promoted by the SGA officers and the Student Senate. The SGA promotes the general welfare of the student body, encourages involvement in extracurricular activities and fosters interaction among faculty, staff, and students.

The Student Entertainment Association (SEA) is a major function of the SGA, responsible for providing entertainment

programming for the members of the Gardner-Webb College community. The SEA plans a variety of activities to involve students in social, cultural and recreational opportunities.

Student Communications Media

The Pilot. The College newspaper is published several times each semester by a student staff.

Radio Station. WGWC-FM, the campus radio station, operates each day and is staffed primarily by students.

Reflections. The College literary magazine is published by students interested in creative expression, including verse and prose.

The Web. The College yearbook is compiled by a staff of students.

Health Services

Gardner-Webb College, through its relationship with Crawley Memorial Hospital and Bolling Springs Medical Associates located near the campus, provides a health program for resident students.

The hospital facilities serve as an infirmary for students who have minor illnesses or injuries. Emergency cases are received at any time. Students are charged \$10.00 per visit and the college pays the balance of the office visit. This fee is subject to change depending upon the current charge of the doctors. Services of other medical personnel and prescription medicines are the financial responsibility of the student. Students with special problems are referred to specialists in Shelby or their family physicians.

A medical examination for all new students is recommended but not required. Immunization records are required by North Carolina State law.

Cultural Life

Each year a variety of programs is offered for the cultural enrichment of campus life. The Department of Fine Arts brings outstanding artists and performers to the campus. Members of the Fine Arts Department faculty and advanced students in music give recitals open to the public. Several choral and orchestral concerts are scheduled. Plays presented by Gardner-Webb students and by visiting drama groups are also a feature of the College's cultural offerings.

Student Organizations

Gardner-Webb College offers students opportunities to become involved in numerous activities and organizations on the campus. The range of these activities is wide. Students work with the Student Development staff to start new organizations.

Departmental - Physical Education Health Education Majors (PEHEM). Student National Education Association (NEA-SP), Student Nurses' Association, Psychology Club, French Club, Mathematics Club, Student Chapter of the Music Educators National Conference, Outdoor Explorers Club, Phi Beta Lambda (Business), Social Science Club, Association of Computing Machinery, Drama (Alpha Psi Omega).

Music and Fine Arts - College Community Orchestra, College Band, American Choral Directors' Association, Concert Choir, Chorale, Music Teachers Association, American Guild of Organists.

Religious - Baptist Student Union (BSU), Baptist Young Women, Fellowship of Christian Athletes, Ministerial Alliance, Mission Fellowship, Religious Education Club, Focus Revival Teams, Jail and Prison Ministry, Rest Home Ministry, Unity Gospel Choir, Student Volunteer Corp

Others - International Students Club, Soccer Sweethearts, Cheerleaders, Residence Hall Association, Student Entertainment Association

Student Honors

Alpha Chi. Membership in this national scholastic society is one of the highest honors a Gardner-Webb student can attain for academic excellence. To be eligible for membership a student must be a junior or senior in the top ten percent of the class, and have distinguished himself or herself by academic accomplishments.

Beta Beta Beta. The objective of this national honor society is to recognize scholastic achievement in Biology.

Sigma Tau Delta. The objective of this national honor society is to recognize scholastic achievement in English.

Psi Chi. The objective of this honor society is to recognize scholastic achievement in Psychology.

Who's Who. Outstanding members of the student body are selected for Who's Who in American Colleges and Universities. Selection is based on scholarship, participation and leadership in academic and extracurricular activities, citizenship and service to the College.

Campus Traditions

Alumni Day. This day is one of the highlights of the year and the time for class reunions. The Alumni Association honors outstanding alumni at this occasion.

Homecoming. Homecoming takes place in the fall, bringing back to the campus many former students. Entertainment includes tennis tournament, football game, and other festivities. Special activities are scheduled during the week for students.

Parents' Weekend. The Parents' Association of Gardner-Webb College under the direction of the Dean of Student Development

invites the parents of Gardner-Webb students to a weekend of fun and entertainment, a chance to meet and mingle with faculty on an early Fall weekend.

Spring Jubilee. This the most outstanding social event of the spring semester, in which the queen and her court are presented at a ball culminating the week's activities.

Student Rights, Responsibilities and Expectations

Gardner-Webb College is a community of volunteers—no one is required to work or enroll without his full consent. Faculty and staff are invited to work in and students are invited to join the academic community. For all who work, study and learn at the institution there are college rules and regulations which should be viewed as contributing to the common good of the community. As an institution of Christian higher education, it is hoped that the community will be a place where students, faculty and staff will become more humane and Christ-like. When this happens a concern for the common good and community will develop rather than a selfish individualism only concerned with what affects a particular person.

For the student reasonable rules, regulations and expectations should be viewed as necessary for creating a positive and healthy environment conducive to a living and learning community. It is hoped that students who voluntarily join the community will develop a loyalty and a commitment to it.

A prohibited behavior code describes what the college does not tolerate. The Board of Trustees has approved minimum penalties for some of the prohibited behaviors. It is hoped that students will view the prohibited behaviors as reasonable which can be avoided with reasonable or little effort. Furthermore, by voluntarily enrolling at Gardner-Webb, it is understood that the student accepts and agrees to abide by college rules, regulations and expectations.

The Student Handbook describes the prohibited behavior and the judicial process should a student become engaged in prohibited behavior. The college guarantees fundamental fairness to the student who is accused of involvement in prohibited behavior.

A copy of the latest edition of the Student Handbook is available upon request. Otherwise, the student is given a handbook during summer orientation where the students rights, responsibilities and expectations are explained in greater detail.

Gardner-Webb College supports and is fully committed to the concept of a drug and alcohol free campus community. In order to comply with the Drug-Free Schools and Communities Act Amendments of 1989, Gardner-Webb publishes the following and makes it available to each student.

(1) The unlawful manufacture, distribution, dispensing, possession or use of controlled substances such as but not limited to the following:

- Narcotics (heroin, morphine, etc.)
- Cannabis (marijuana, hashish, etc.)
- Stimulants (cocaine, diet pills, etc.)
- Depressants (tranquillizers, etc.)
- Hallucinogens (PCP, LSD, "designer drugs", etc.)
- Designer (MDA, MDA-known as "ecstasy", lsd, etc.)
- Alcohol

is prohibited by students on Gardner-Webb College's property or as any part of the college's activities. As a condition of enrollment, Gardner-Webb College students will abide by these terms.

(2) Gardner-Webb will impose disciplinary sanctions on students who violate the terms of paragraph 1, above. Upon conviction, the appropriate disciplinary action, up to and including expulsion from the College and/or satisfactory participation in a drug and alcohol abuse assistance or rehabilitation program approved for such purposes by a Federal, State, or local health, law enforcement, or other appropriate agency, will be taken. More specific penalties are outlined in the following publications: Gardner-Webb College Student Handbook, Gardner-Webb College Special Studies Bulletin, Gardner-Webb College Graduate Catalog. Violations may also be referred to the appropriate civil authorities for prosecution under local, state, and federal law.

(3) Local, state, and federal laws prohibit the unlawful possession, and distribution of illicit drugs and alcohol. The applicable legal sanctions for various offenses are listed in the North Carolina Criminal Law and Procedure book, a reference copy of which is maintained by the Department of Safety and Security.

(4) A booklet describing the health risks associated with the illicit drugs and abuse of alcohol is made available to all students. Additional information and individual counseling is available through the College's Counseling Center. If necessary and at the student's expense, referral can be made to an outside agency.

Admissions, Finances and Financial Aid

Admission Procedures

Gardner-Webb College operates on the Rolling Admissions Plan— completed applications are acted upon and notified within three weeks. Admission is based on high school record and class rank, SAT or ACT scores, recommendations and, in the case of transfer students, previous college work and recommendations. No single criterion will be decisive, but each item will be considered in relation to the applicant's total qualifications.

Although an interview is not required for admission to Gardner-Webb, campus visits are encouraged. Interviews and campus tours are available all day Monday through Friday and Saturday mornings. Four prospective student visitation days, or VIP days, are planned during the school year. Contact the Admissions Office at 1-800-222-2311 for further information.

Gardner-Webb College admission packets are available from many high school guidance offices or directly from the Admissions Office of the College. Completed applications should be returned with a non-refundable \$15 application fee and transcripts of all high school credits and any college work attempted.

Applicants must meet the College's standards as to intellectual promise, and emotional and social stability. Gardner-Webb College is committed to its responsibility as a liberal arts college within the context of the Christian faith. It seeks to enroll students from a variety of racial, economic, social, religious, and geographic backgrounds.

Although a fixed pattern of high school credits is not prescribed, the following minimum course distribution is recommended as the best preparation for academic work at Gardner-Webb College: English, 4 units; social science, 2 units; algebra, 2 units; geometry, 1 unit; foreign language, 2 units; natural science, 1 unit; plus electives.

Acceptance of students for admission to the College does not automatically guarantee their entrance into any particular program of the College. Departmental approval is necessary for entry into any departmental program and/or major.

Students may enter at the beginning of any semester or summer term.

Entrance Examinations

Applicants for admission to Gardner-Webb College are required to submit their scores on the SAT of the College Entrance Examination Board or the ACT of The American College Testing Program. Scores should be sent directly to Gardner-Webb College.

Application blanks, lists of testing centers and dates, and rules on applications, fees and other information are available in most high school guidance offices in the United States.

Acceptance on Condition

Students whose deficiencies indicate a need for special work may be required to participate in the Developmental Studies program. Upon successful completion of this work the student may proceed with regular course work.

Provisional Acceptance

A provisional acceptance may be granted on an individual basis to students who are unable to complete all admission requirements prior to registration. For example, students transferring to Gardner-Webb from another college or university for the spring semester may be unable to have a complete transcript or record prior to registration. In such cases a provisional acceptance can be granted in order for the student to enroll. In order to qualify for provisional admission, a student must present all academic transcripts which are available and agree to complete requirements prior to mid-term.

Special Students

Gardner-Webb College admits a limited number of special students.

They include:

1. Persons who wish only private music lessons. Such applicants are admitted if instructors in the Department of Fine Arts are able to schedule lessons for them.
2. Persons 21 years of age or older who are not high school graduates or degree candidates but wish to take class work. Such persons are accepted on the basis of maturity and background sufficient to do the class work desired.
3. College graduates who are interested in further study.
4. High school students who wish to take work on the Gardner-Webb campus prior to and during their senior year. Credit for this work is generally transferable to other institutions.
5. High school students who wish to enter Gardner-Webb at the end of their junior year may submit an application for consideration for early admission.

Transient Students

A student enrolled at another institution may take a course(s) at Gardner-Webb College and transfer that credit to the other institution. To be considered as a transient student at

Gardner-Webb, one must apply to Gardner-Webb and have written permission from the registrar of the other institution.

Foreign Students

In order to be considered for admission to Gardner-Webb College, foreign students must submit documentation of their ability to read and write the English language. They should do so by submitting results of the Test of English as a Foreign Language (TOEFL). A minimum score of 500 is required. They must also submit documentation of their ability to support themselves financially while in the United States.

Students who fail to meet the English language requirement may enroll at an ELS Language Center. Proficiency certification by ELS meets the English language requirement for admission. No form I-20 will be sent until the above documents have been received by the Admissions Office.

Advanced Placement and Credit

Advanced Placement Program: Students achieving a minimum score of three on an Advanced Placement Program test of the College Board will be given advanced placement with credit for the course covered by the test.

College-Level Examination Program: Gardner-Webb College grants credit to students submitting test scores from the College-Level Examination Program on the following basis:

1. Credit will be received on the same basis as transferred credit from accredited institutions of higher learning.

2. No credit will be granted in an area for which the examinee has college credit. Also, CLEP tests must be taken before the student enrolls in a comparable course. No course can be dropped to take a CLEP test, and no subject attempted in class may be repeated by CLEP.

3. Credit will be received as pass/fail; that is, no hours attempted or quality points will be computed in the examinee's grade point average.

4. Unsatisfactory scores will not become a part of the student's record.

5. A CLEP test on any subject may be submitted only one time.

6. Concerning the General Examination for freshman applicants:

(a) The student must submit a score at or above 500 on each test.

(b) The number of semester hours granted will be that number normally granted for the area covered by the test with the following restrictions:

(1) A maximum of three semester hours credit may be granted for each test.

- (2) A maximum of three semester hours credit may be granted on the basis of a sub-score provided the area is appropriate.

(c) Credit thus granted may be applied to the student's course of study only as basic courses or free electives.

7. Concerning the Subject Examinations:

(a) The student must submit a score at or above the mean score for C students on the CLEP national norms, such scores being provided and recommended by the Council on College-Level Examinations.

(b) The number of semester hours granted will be determined by the scope of the material measured as indicated by the Council on College-Level Examinations.

(c) Credit thus granted may be applied to the student's course of study without restriction.

Armed Service-Related Programs: Veterans who have successfully completed a course or courses under the Service School training program or through USAFI may submit a record of courses completed for review by the Academic Dean. Credit may be applied or subject waived, depending upon the discretion of the proper authority and the appropriateness of the course in the student's educational objectives and program.

Local Testing Program: In order to enrich the program of a gifted student, a student attaining a satisfactory score on a special test administered by the appropriate department of the College may be exempted from the course covered by this test, but will be required to take an advanced course in the same department carrying the same or more credit.

A challenge examination to allow advanced placement with credit for Nursing 101, Fundamentals of Nursing, is available for students who have completed a similar course in patient care in a non-college program. Details may be obtained from the Director of the Associate Degree Nursing Program.

Arrangements for advanced placement through the local testing program are made individually for each student involved and require the agreement of the Academic Dean and the appropriate academic department.

Admission of Transfer Students

Requirements include a formal application for admission, an official high school transcript, SAT or ACT scores, and a non-refundable \$15 application fee. The high school transcript and entrance test scores are not required of applicants who have completed 30 semester hours of college credits with at least a 2.00 grade point average. All students eligible for veterans' benefits must provide proof of high school graduation regardless of the number of hours or grade point average earned.

The applicant's record is evaluated by Gardner-Webb retention standards, or the applicant must be eligible to return to his previous college in order to be accepted.

Transfer Credit Policy

Students transferring from accredited two-year colleges may transfer up to 64 semester hours. An additional 64 semester hours must be taken on the senior college level, with the final 30 semester hours for graduation taken at Gardner-Webb.

Students transferring from accredited four-year colleges may transfer up to 88 semester hours. The final 30 semester hours for graduation must be taken at Gardner-Webb.

In the admission of a transfer student, all work accepted in transfer must be approved by the Registrar and must average 2.0 on a 4.0 grade point scale. If the transfer of all passing grades for previous work completed does not result in an overall average of at least 2.0, the student, with the assistance of the faculty adviser, must select courses to be eliminated to achieve an average of at least 2.0.

Courses accepted in transfer admission are recorded as credit only: grades are recorded on a transfer evaluation form, but no grade point average is computed. The grade point average for graduation is computed on academic credit earned at Gardner-Webb. The grade point average for honors at graduation is computed on Gardner-Webb work and all other college-level work.

Readmission of Former Students

Students who are not in attendance for one or more semesters or who withdraw during a semester for any reason must submit a formal application for readmission.

Former students who have attended other institutions subsequent to their enrollment at Gardner-Webb must provide an official transcript from each institution attended. These regulations concerning the advanced standing of transfer students apply to these students.

The National Guide prepared by the American Council on Education is used as a measuring instrument for non-collegiate learning with transfer credit not to exceed six hours.

Admissions to the GOAL Program

Refer to the Special Studies Bulletin.

Admissions to Graduate Study

Refer to the Graduate Program Bulletin.

Financial Information

General Information

Gardner-Webb College will make every effort to keep operating costs low while providing quality programs. Through the support of the Baptist State Convention of North Carolina, the Independent College Fund of North Carolina, private gifts from alumni, business and other friends, and endowment earnings, Gardner-Webb is able to charge tuition which is less than the actual cost of instruction and other student services. The College, however, reserves the right to change tuition and other charges at the beginning of any semester if such change is necessary in the judgment of the Board of Trustees.

Expenses for the 1991-92 Academic Year Regular Program

Item	Per Semester
Tuition (Full-time:12-18 hours)*	3,360
Room	
Lutz-Yelton, Mauney, HAPY, Stroup, Decker, Nannoy, Myers, Spangler, Royster	860
Board**	940
Overload (more than 18 semester hours)	180/hour
Dorm Damage Deposit (resident students only, refundable)	75
Insurance***	120

*Students enrolled for only 10 or 11 hours in fall or spring will be charged full-time tuition.

** All resident students must participate in the College's board plan.

*** The cost for a student accident and health insurance plan is assessed to every full-time student unless a waiver form is completed certifying that the student is covered by some other insurance plan(s).

Music Fees

Private Lessons - Piano, Voice, Organ, Instruments	
One lesson (1/2 hour) per week, credit or audit	136
Two lessons (1 hour) per week, credit or audit	230
Students wishing to take more than two private lessons per week will be charged an additional \$96 per 1/2 hour lesson.	

Part-Time Enrollment

Tuition for day courses (no more than 9 hours per semester)	180/hour
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Summer School 1991

Tuition per semester hour	135
Room and Board per summer session	340

Graduation Fee

Diploma and Commencement Attire	45
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Miscellaneous

Application fee (non-refundable)	15
Late registration/re-enrollment during term	25
Auditing courses (non-refundable)	50/course
Late payment fee	25
Drop/Add course after classes begin	5
Transcripts (first copy is free)	3/copy
Examination for course credit	50
Automobile registration	25
Replace I.D. Card	5
Returned check fine	15
Late registration fee for student teaching	25
Private Room (when available)	200

Room Charge. Students changing rooms without permission of their Resident Director are charged for both rooms.

Board Charge. Students living off campus but enrolled as full-time students may eat in the College dining room upon payment of board fees for each semester as determined by the Business Office, or through buying individual meals.

Book Expenses. The estimated cost of textbooks is \$150 to \$250, per semester, but this varies greatly with the number and types of classes taken.

Costs Covered by Tuition. Included in the tuition fees are costs of registration, use of the library, recreation facilities, admission to home athletic events, student publications, post office box, regular laboratory fees, and 10 to 18 semester hours of work, inclusive each semester. The tuition fees and estimated book expenses do not include fees for special courses, special laboratory work, and study-travel courses. Personal expenses will vary with the individual student. For the student who must earn money toward his or her college expenses, there are a number of opportunities for work to be found through the Financial Planning Office.

Schedule of Payment

Advance Deposit: An advance deposit of \$100 for new boarding students and \$50 for commuting students is due by May 1 for the fall semester and by December 1 for the spring semester. Students accepted after these dates are expected to send the deposit within ten days of notification of acceptance.

Students continuing in the College are expected to file an intent to return form during the spring semester. Boarding students deposit \$100 and commuting students deposit \$50.

A \$50 deposit is required by May 1, for students planning to attend summer school unless a deposit for the succeeding fall semester has already been paid.

All advance deposits will be credited toward charges when the student has enrolled for classes. Deposits are non-refundable after May 1 and December 1.

Balance of the Account: The balance of the semester charges is due prior to enrolling for classes. Students are encouraged to make this payment before returning to campus.

Those who cannot pay in accordance with this plan or find it necessary to finance college charges should contact the Business or Financial Planning Office for information regarding alternate payment plans.

Refund Policy

Registration in the College is considered a contract binding the student for charges for the entire semester. However, it is the policy of Gardner-Webb College to give limited refunds in the event students Officially Withdraw from school. A withdrawal form can be obtained from the Registrar's Office. The form must be completed and returned to the Registrar's Office in order for the student to be officially withdrawn. The date of official withdrawal is the date this process is completed.

Refunds will be computed on total charges for tuition, room and board but not on fees. Students leaving school for disciplinary reasons will not be eligible for any refund and will be liable for the entire semester's charges. Students dropping courses after the last day of registration will not receive any reduction in charges. Students registering for summer or short courses and subsequently dropping a course will not be entitled to any refund with the exception of a pro rata share of board charges when applicable.

Refund Schedule

When official withdrawal occurs within:

7 calendar days after the first date of registration, refund 85%

14 calendar days after the first date of registration, refund 75%

21 calendar days after the first date of registration, refund 60%

28 calendar days after the first date of registration, refund 50%

No refund will be made after 28 days.

Note: The term "refund" actually denotes a reduction in assessed charges. Actual refunds are available only to those having paid accounts. Refunds for students receiving federal, state, or institutional financial aid will be made in accordance with the regulations governing the respective programs. Leaving the College without officially withdrawing may result in a student's forfeiting all financial aid and, thus, becoming responsible for the entire balance.

Delinquent Student Accounts

Students with outstanding financial obligations may be prevented from registering for the following semester. A student will not be allowed to participate in commencement exercises or receive a diploma, nor will transcripts be released, until all financial obligations are satisfied. Financial obligations include, but are not limited to student account balance, parking, disciplinary and library fines, and returned checks.

Financial Assistance

Gardner-Webb College makes available to its students a variety of scholarships, loans, and grants-in-aid. All aid is administered by the Admissions and Financial Planning Committee of Gardner-Webb College. The committee follows a number of clearly defined rules in its awards, the rules having been established by the College or by donors to the College. There is no discrimination on the basis of race, religion, or sex in the administration of the financial aid programs of Gardner-Webb College.

Under the several financial aid plans offered by Gardner-Webb, a student may attend the College at a cost which compares favorably with other well-recognized institutions. This may be accomplished by advanced planning with the College's Financial Planning Office. The several possibilities of creating a package plan may include various combinations of scholarships, grants-in-aid, work and/or loans.

Procedures for Applying for Financial Assistance

1. File an application for admission to the College with the

Director of Admissions.

2. File the American College Testing Program need analysis form. Forms may be obtained from the Financial Planning Office at Gardner-Webb College or from a high school guidance office.
3. Arrange to come to the campus for a personal interview when requested by the Admissions and Financial Planning Committee.

Financial aid awards are made when the applicant has been accepted for admission and eligibility to receive financial assistance has been determined based on information provided by the applicant.

Renewal of scholarships, grants-in-aid, and loans are conditioned on the student's maintaining an academic and citizenship record in keeping with the standards set by the particular award. Application for renewal of loans and grants-in-aid by upperclassmen should be made before April 1. Applications received after April 1 can be considered by the committee only in terms of available funds.

Announcement of academic scholarships and other awards is generally made between February 15 and May 1 each year.

All correspondence concerning applications for scholarships and loans should be addressed to: Financial Planning Office, Box 955, Gardner-Webb College, Boiling Springs, N.C. 28017.

Gardner-Webb College Academic Scholarships

Gardner-Webb Presidential Scholarships: Each year ten students from the entering freshman class are selected as Presidential Scholars. This scholarship program is named in honor of the ten presidents of Gardner-Webb College. The scholarships are awarded on the basis of outstanding academic achievement, demonstrated leadership ability, and commitment to service. To receive Presidential Scholar recognition, a student must be nominated by a friend of Gardner-Webb College and selected by the Presidential Scholarship Screening Committee. The scholarships are renewable for up to three additional years provided the recipient achieves an outstanding level of scholarship and continues to demonstrate strong leadership ability and commitment to service.

Gardner-Webb Honor Scholarships: The applicant must rank in the upper 10 percent of his/her high school graduating class. To renew the scholarship, the applicant must maintain an overall 3.0 grade point average on all credit courses taken.

Gardner-Webb Trustee Scholarships: The applicant must rank in the upper 25 percent of his/her high school graduating class. To renew the scholarship, the applicant must maintain an overall 2.5 grade point average on all credit courses taken.

Gardner-Webb Junior College Graduate Scholarships: The applicant must rank in the upper 25 percent of his/her junior college graduating class. Renewal is conditioned upon the recipient's maintaining an overall 2.5 grade point average on all credit courses taken. This scholarship does not apply to students enrolled in the GOAL Program.

Gardner-Webb College Endowed Scholarships

Athletic Endowed Scholarships

Garland H. Allen Golf Scholarship: Established by the Bulldog Club to provide assistance to worthy student athletes. The recipient must be a member of the golf team for the year he receives the funds.

Bulldog Club Scholarship: Established in 1989 by the Bulldog Club to support the College's intercollegiate scholarship program. A portion of the funds raised each year by the Bulldog Club is used to increase the endowment.

M. Henry and Pam Garrity Athletic Scholarship: Initiated by the Board of Advisors and funded by friends and family of Mr. and Mrs. Garrity, the scholarship provides financial assistance for a student-athlete.

Florence Hamrick and Roland M. Hamrick Scholarship: In 1986 Roland M. Hamrick, Jr. and Thomas B. Hamrick made a gift to the College to endow an athletic scholarship in honor of their parents, Florence Hamrick and Roland M. Hamrick, Sr.

Thomas B. Hamrick Scholarship: Given by the Hamrick family, this athletic scholarship is presented to deserving athletes in memory of Thomas B. Hamrick.

Trela R. Hendrix, Sr. Basketball Scholarship: Established in 1989 by Mrs. Trela R. Hendrix, Sr. of Trinity, North Carolina, in memory of her husband.

J.L. and Sara McFarland Suttle, Jr. Tennis Scholarship: Established in 1989 by Mr. and Mrs. Suttle to express their love for tennis.

Victor Bulldog Scholarship: Funds for this scholarship were given by friends of the College from surrounding counties.

Paris Leland and Donna Gold Yelton Golf Scholarship: Established by Mr. and Mrs. Yelton and their sons, Robert and Don, the scholarship provides financial aid for golf team members.

Business Endowed Scholarships

Belk/Elle Business Scholarship: Given by the Belk Foundation, the Belk Corporation of Shelby and Forest City, and the William P. Elle family, the scholarship is given to students from Cleveland or Rutherford counties.

First Union National Bank Scholarship for the Broyhill School of Management: Initiated by the Cleveland County Branches of First

Union National Bank of North Carolina and The First Union Corporation of Charlotte, North Carolina.

Ray Webb Lutz/Texaco Scholarship: Initiated by Texaco/Star Enterprises in 1989, this scholarship honors Ray Webb Lutz, a trustee and long-time benefactor of Gardner-Webb College. This scholarship is awarded to a business major who exemplifies the qualities of leadership, initiative and free enterprise.

Clyde L. Stutts Memorial Business Scholarship: This endowed fund was established by Mrs. Clyde L. Stutts to provide financial assistance to needy and worthy citizens from North or South Carolina, with first preference being given to students from Cleveland County studying in the field of business or communications. The recipients should exemplify high moral and ethical standards.

William Y. Webb Business Scholarship: This scholarship was initiated by Mr. and Mrs. William Y. Webb in memory of Judge Edwin Yates Webb, Sr., and Willie Simmons Webb. Funds are used to provide financial assistance to needy and worthy citizens of the United States.

Christian Service Organization Scholarships

Established over twenty years ago the Christian Service Organization of Gardner-Webb College provides scholarships for deserving and needy students preparing for full-time Christian vocational service. The Organization is supported by gifts from individuals, churches and private organizations. As part of the overall endowment corpus the following scholarships have been funded:

Fred L. and Sallie N. Abrams Memorial Scholarship: Robert W. Abrams, W. Glenn Abrams, Mrs. Jessie A. Roddy, and Mrs. Floy A. Bryant, established the fund in 1978 to honor their parents, Fred L. and Sallie N. Abrams of Gray's Creek Baptist Church community of Rutherford County.

Hoyt G. and Mary G. Bailey Memorial Scholarship: Established in 1980 by Mr. and Mrs. Hoyt G. Bailey, in memory of Mr. Bailey's parents.

Herman and Margaret Best Scholarship: Established by Mr. and Mrs. Herman Best of Shelby, North Carolina in 1989.

John Ed and Essie D. Davis Scholarship: Established by Mr. and Mrs. John Ed Davis of Shelby, North Carolina in 1980.

Charles L. Dover Memorial Scholarship: Funded by the Dover Foundation of Shelby, North Carolina.

GEO P. and James E. Chadwell Scholarship: Established in 1990 by Mr. and Mrs. James E. Chadwell of Hickory, North Carolina. They are former residents of Shelby.

W.E. Estrakin Memorial Scholarship: Established in 1980 by the Emmanuel Baptist Church of Charlotte, North Carolina, in memory

of their former beloved pastor, the Reverend W. E. Entekins. First preference is given to students who are members of Emmanuel Baptist Church.

Forrest and Jessica Frezor Memorial Scholarship: Established in 1986 by friends of Dr. and Mrs. Frezor.

Clara Katherine Vickers Head Memorial Scholarship: Established in 1979 by the estate of Clara Katherine Vickers Head, the fund provides scholarships for needy students from Rutherford County.

Russell L. Hinton Memorial Scholarship: Established in 1980 by Mrs. Hinton in memory of her husband, the late Reverend Russell L. Hinton, a noted pastor in Cleveland County.

Carl and Tyner Ivester Scholarship: Dr. and Mrs. Ivester of Lawndale, North Carolina established this scholarship in 1980. Mrs. Ivester has served as the Secretary of the Christian Service Organization since its inception.

William T. and Mabel H. Nolen Scholarship: Established in 1980 by Mr. and Mrs. Nolen of Gastonia, North Carolina, long time supporters of the Christian Service Organization.

Pleasant Grove Baptist Church Scholarship: The Pleasant Grove Baptist Church of Shelby, North Carolina, established this scholarship in 1981.

R.E. and Bonnie R. Price, Jr. Scholarship: Established in 1980 by Mrs. Bonnie Price of Boiling Springs, North Carolina in memory of her husband.

Matrey Richardson and Edward H. Sessom Scholarship: The Reverend and Mrs. Sessom established this scholarship in 1988.

J.L. and Sara McFarland Suttle, Jr. Scholarship: Established in 1981 by Mr. and Mrs. Suttle of Shelby, North Carolina.

Fine and Performing Arts Endowed Scholarships

C.A. Brittain Memorial Music Scholarship: Established by Mrs. C.A. Brittain in 1977 in memory of C.A. Brittain of Coar, North Carolina, this scholarship fund was established to express a commitment to Christian higher education. Awards are made to music students who are in need of financial assistance.

Etta M. Elliott Memorial Music Scholarship: This scholarship was established in 1981 in memory of Mrs. Etta M. Elliott, wife of the late Philip L. Elliott, former Gardner-Webb College president. Priority is given to students interested in careers related to the fine and performing arts.

W.H. Hudson Scholarship Fund: Established by Sue and Hal Hudson, Jr., in memory of W.H. Hudson, a former Gardner-Webb College Trustee and personal friend of the late Philip Elliott, seventh president of Gardner-Webb College. The fund is to provide financial assistance to needy and worthy citizens from North and South Carolina with first preference being given to students from Cleveland County, studying in the field of sacred music. Recipients

of this scholarship shall indicate their intent to pursue a church music career for at least five years after graduation.

Max and Mary Padgett Music Scholarship: Established in 1990 by Mr. and Mrs. Max Padgett of Hickory, North Carolina to provide scholarships to worthy and needy music students.

Spangler Music Scholarships: The fund was named in honor of Eloise and Evelyn Spangler of Shelby, North Carolina. Auditions are held annually for merit scholarships of varying amounts in all areas of music.

Handicapped Student Endowed Scholarships

William P. and Wilene C. Davis Scholarship For Hearing Impaired Students: Established in 1985 by William P. and Wilene Davis of Southern Pines, North Carolina, to provide financial assistance to needy and worthy hearing impaired students.

Dr. George T. Noel Memorial Fund for Visually Impaired Students: Marguerite Warren Noel established the fund in 1983 in memory of her husband, who was an ophthalmologist, to express their commitment to Christian higher education and to assist visually impaired individuals.

Marylene Noel Scholarship for Handicapped Students: Established by Mrs. Marguerite Warren Noel in 1989 in honor of her daughter Marylene. The scholarship provides financial assistance to needy and worthy handicapped students. Preference is given to students who are visually or hearing impaired.

Charles L. Sigmon Memorial Scholarship for Visually Impaired Students: Established in 1990 by Mrs. Charles L. (Lura B.) Sigmon and son Les C. Sigmon to provide financial assistance to worthy and needy visually impaired students.

Nancy Hope Willis Scholarship: Established in 1985 in honor of Nancy Hope Willis of Greensboro, North Carolina, the scholarship provides financial assistance to physically handicapped students.

Ministerial Endowed Scholarships

In addition to the Christian Service Organization endowed scholarships, the following funds have been established to assist students preparing for a full-time Christian vocation.

Lena Niven Ayers Memorial Christian Vocation Scholarship: Established in 1975 by Mr. and Mrs. John F. Ayers, Jr., of Charlotte, North Carolina, in memory of Mr. Ayers' mother, Mrs. Lena Niven Ayers, the funds are distributed to needy students.

D. Harding Caldwell Memorial Ministerial Scholarship: The Mountain View Baptist Church of the South Fork Association established this memorial to their pastor. Preference is given to students from the Mountain View Baptist Church or from Catawba or Lincoln counties.

Baulah Rimmer Craig Scholarship: The fund was established in 1979 by Mrs. Baulah Rimmer Craig of Lincolnton, North Carolina, to express her commitment to Christian higher education and world missions. The scholarship provides financial aid to international students committed to the Christian way of life and who exemplify high Christian ideals, or to sons or daughters of missionaries.

Florence Baptist Church Scholarship: Established by Florence Baptist Church, Forest City, North Carolina, to provide financial assistance to students who have committed their lives to full-time Christian service.

Gaston Memorial Education Fund: The fund was established by O'Neil and the late W.F. Gaston of Belmont, North Carolina, in 1978 to honor Albert Forest Gaston and his wife, Vera L. Gaston, and to express a commitment to Christian higher education. The fund provides financial aid for needy and worthy full-time students. Preference is given to qualified applicants from First Baptist Church, Belmont, North Carolina.

Willie D. and Marleen G. Hall Ministerial Scholarship: This program was established by Mr. and Mrs. Hall to aid deserving and needy full-time Christian vocational students.

The Hardin Memorial Ministerial Scholarship: Established in 1979 by Mr. and Mrs. Billy V. Hardin in memory of Woodrow Hardin, the scholarship is awarded to needy and worthy full-time students who intend to dedicate their lives to full-time Christian service.

A.D. and Ruth Park Harmon Memorial Ministerial Scholarship: The fund was established by the late Troy Harmon, an alumnus and former employee of Gardner-Webb College, in memory of his mother and in honor of his father. Troy was killed in an automobile accident while serving as a student pastor.

L.R. Harrell Memorial Ministerial Scholarship: Established by the late L.R. Harrell of Raleigh, North Carolina, the scholarship provides financial aid for a student or students preparing for service in the foreign mission field through the Foreign Mission Board of the Southern Baptist Convention.

Clyde B. and Kathryn B. Little Ministerial Scholarship: Established in 1987 by Mr. and Mrs. Little to assist needy and deserving students studying for the ministry.

M.G. Martin Memorial Ministerial Scholarship: In 1927 Mrs. Ellen Gothic Martin of Mooresboro, North Carolina, created the M.G. Martin Memorial Scholarship.

Hazel E. May Memorial Ministerial Scholarship: This scholarship was initiated by Mrs. Billie H. May to honor the memory of her husband, the Reverend Hazel E. May.

Elizabeth Dudley Nolan Memorial Ministerial Scholarship: The fund was established at the bequest of Mrs. Nolan to assist needy ministerial students.

Race Path Baptist Church Ministerial Scholarship: This scholarship is given to a deserving student from the Race Path Baptist Church majoring in religion, religious education or church music. If no student from Race Path qualifies, this scholarship may be given to any other deserving student majoring in religion, religious education or church music.

M.E. Shell Ministerial Scholarship: Established in 1878 by Mr. and Mrs. M.E. Shell of Valdese, North Carolina, scholarships are awarded to a minimum of two ministerial students, with preference being given to students from Burke County, North Carolina.

Donald Ervin and Betty Morris Smith Ministerial Scholarship: Mr. and Mrs. Donald E. Smith established this scholarship in 1935 to provide financial aid to full-time students. Preference is given to qualified applicants from Burke County, North Carolina.

Reverend and Mrs. H.M. Stroup Memorial Ministerial Scholarship: Established by the late Reverend and Mrs. H.M. Stroup of Spruce Pine, North Carolina, Southern Baptist students will receive first consideration, and they must be approved by their local churches and associations.

Nursing Endowed Scholarships

Joseph H. and Carolyn C. Carol, II Nursing Scholarship: This fund was established in 1960 by Mr. and Mrs. Carol in memory of their son, Joseph H. Carol, IV. It provides financial assistance to deserving full-time nursing students with first preference given to the residents of Cleveland County.

Robert R. and Jessie I. Forney Nursing Scholarship: Established in 1988 by Mr. and Mrs. Robert R. Forney of Shelby, North Carolina, to provide financial assistance to nursing majors. Preference will be given to residents of Cleveland, Rutherford and Gaston Counties who demonstrate academic ability, need and Christian citizenship. The recipient will be obligated to work in a hospital in Cleveland County, with preference given to Cleveland Memorial Hospital, one year for each year the scholarship-loan was received.

Albert D. Raines Memorial Nursing Scholarship: Established by Mrs. Doris Raines in 1979 to honor her husband and express a commitment to Christian higher education, the scholarship is awarded to students studying nursing, with a preference for students from South Carolina who are in need of financial assistance.

Ernest Julian Webb Memorial Nursing Scholarship: This scholarship was initiated by Mrs. Irene B. Webb to honor the memory of her late husband, Mr. Ernest Julian Webb. The fund is to provide financial assistance to worthy students enrolled in the Davis School of Nursing of Gardner-Webb College.

General Endowed Scholarships

Clarence N. Peeler Andrews Memorial Scholarship: The late Mrs. Hattie Peeler Self of Cherryville, North Carolina, and her daughter and son-in-law, Dr. and Mrs. W.B. Andrews, established a trust fund in memory of Clarence N. Peeler Andrews, grandson and son of the donors. The income from this fund is used to aid worthy young men and women.

C.L. Beam Memorial Scholarship: In 1966, Charles Grier Beam, Chairman, Board of Directors, Carolina Freight Carriers Corporation, created a scholarship named in honor of his mother, Mrs. Nancy Jean Beam of Lincoln County, and in memory of his father, Charles Lester Beam. Income from this scholarship is used to assist a deserving and needy student with preference to those from Gaston, Cleveland, or Lincoln counties in North Carolina.

Minerva C. Bland Memorial Scholarship: Mr. and Mrs. Charles B. Camp of Shelby, North Carolina, graduates of Gardner-Webb College, established the fund to honor Minerva C. Bland. The purpose of the fund is to provide scholarships to worthy and needy students.

George and Ida Wood Blanton Scholarship: In 1955 George Blanton and Ida Wood Blanton of Shelby, North Carolina, created a trust fund for the purpose of encouraging and promoting the education of capable and deserving young men and women through the facilities of Gardner-Webb College.

T.F. and Rhee Bridges Scholarship: Established in 1957 by Mr and Mrs. T.F. Bridges of Shelby, North Carolina to provide financial assistance to needy and worthy students.

George Henry and Martha Jane Brittain Memorial Scholarship: In 1955 L.H. Brittain of Shelby, North Carolina, gave property to the College for the purpose of endowing a scholarship in memory of his parents.

Core C. Costner Memorial Scholarship: This fund was established in 1976 by Mr. and Mrs. W.F. Parker, daughter and son-in-law of Mrs. Costner. Preference is given to students from Cleveland and Rutherford counties.

Mary Lile Doggett Memorial Scholarship: Established in 1981 through a bequest in her will, Mrs. Doggett, a former Latin professor at Gardner-Webb, requested that the money be used to help needy students.

Clyde J. Dotson Scholarship: A pioneer missionary to Africa, the Reverend Clyde J. Dotson was honored by the creation of this scholarship fund by his daughter and Dr. T.L. Warren, of Hickory, North Carolina. The fund is designated to assist international students.

J.R. Dover, Jr., Memorial Scholarship: In 1962, J.R. Dover, Jr., established an endowed fund for scholarships.

Catherine Cline Falls and John Zimini Falls, Jr., Memorial Scholarship: Dr. and Mrs. Ralph L. Falls and Mrs. Helen F. Miller established the fund in memory of Catherine and John Z. Falls.

Gardner-Webb College Teacher Education Scholarship: Established in 1990 by Dr. Ralph L. Falls of Morganton, N.C. This fund provides financial assistance to worthy and/or needy full-time students preparing for a teaching career in the public schools.

Joseph W. Geddes Engineering Memorial Scholarship: In 1971, the College received funds from the estate of Joseph W. Geddes to establish a pre-engineering scholarship for needy and worthy students.

Virgil M. Hailey Scholarship: The pastor emeritus of North Kannapolis Baptist Church, the Reverend Virgil M. Hailey, was honored in 1972 by the establishment of this scholarship fund. A number of congregations served by Mr. Hailey contributed to the fund. Income is used to assist worthy students from the Cabarrus County area.

Hamrick-Perry Memorial Scholarship: Mr. and Mrs. Dwight S. Perry of Lawndale, North Carolina, established an endowed fund in memory of their parents, Mr. and Mrs. William S. Perry and Mr. and Mrs. Henry Hamrick. Preference is given to students interested in Christian ministry, nursing, or education professions.

Earle A. and Adele G. Hamrick, Sr., Memorial Scholarship: This scholarship was established in memory of Earle A. Hamrick, Sr., by his wife. Qualified students from the Haywood County area are given first consideration.

W. Shirley Haynie Memorial Scholarship: The fund was established in 1981 by Mrs. W. Shirley Haynie in memory of her husband to express their commitment to Christian higher education. Scholarships are awarded to worthy full-time needy students. Preference is given to qualified applicants from Gaston and Yadkin counties.

James A. and Hazel B. Hodge Scholarship: Established in 1989 by Mr. and Mrs. James Hodge to express their commitment to Christian higher education. The purpose of the fund is to provide scholarships to worthy and needy students.

Z.W. and Carl E. Jolley Memorial Scholarship: Established by the family and friends of Z.W. and Carl E. Jolley. The scholarship is awarded to a student who is interested in studying mathematics or computer science.

Gemie L. Kendrick Memorial Scholarship: Established by Mrs. Gemie L. Kendrick in memory of her husband, who was a faithful member of the Gardner-Webb College Board of Trustees. This fund is used to aid needy and deserving students.

Kings Mountain/Gardner-Webb College Scholarship: Established in 1990 by the Kings Mountain City Council and Gardner-Webb College. The scholarship is awarded each year to a

graduating senior of Kings Mountain High School who plans to attend Gardner-Webb College.

L.V. Lee Family Memorial Scholarship: The scholarship fund was established by Iva Sperling (Mrs. Norman B.) Lee to honor the memory of Lawrence Victor Lee, M.D., Susan Lattimore Lee, and Norman Bennett Lee, and to express their commitment to Christian higher education. The scholarships are given to students who have demonstrated need for financial assistance.

LeGrand-Ware Memorial Scholarship: Mr. and Mrs. R.T. LeGrand, Jr., of Shelby, North Carolina, established this scholarship in memory of their parents, Mr. and Mrs. Richard Torrance LeGrand, Sr., and Mr. and Mrs. Moffatt Alexander Ware. Nominations will be received in the spring for students entering the following fall from each high school in Cleveland County. Applicants must demonstrate a real interest in the free enterprise system and should show the potential for leadership as exhibited by school activities. The award will be divided equally over eight semesters; however, if the recipient plans to graduate in less than eight semesters, the Admissions and Financial Aid Committee may be requested to increase the award per semester.

David and Winifred Herbert Lindsay Scholarship: Established in 1959 by Mrs. Lindsay, a resident of Rutherford County, N.C., the fund provides financial assistance to worthy and needy full-time students. Preference is given to residents of Rutherford and area counties in North Carolina.

Randolph Martin Memorial Scholarship: This scholarship was established in 1968 by Mrs. Randolph Martin and her children, Conrad and Julia, in memory of her husband. Its income is used to help deserving students. Financial need and ability are considered.

Mr. and Mrs. B.S. Mauney Memorial Scholarship: This scholarship was established in 1973 by the late Mr. and Mrs. B.S. Mauney. The income is used to provide scholarships for needy young men and women.

Daniel W. and Bettye A. Moore, Jr. Scholarship: Established in 1980 by Mr. and Mrs. Dan Moore, Jr. of Boiling Springs, North Carolina, to provide financial assistance to worthy and/or needy full-time students.

Joe T. and Ellen B. Moore, Sr. Scholarship: Established in 1988 by Mrs. Moore in memory of Mr. Moore to express their commitment to Christian higher education. The fund will provide financial assistance to full-time students with first preference given to members of First Baptist Church, Belmont, North Carolina.

Robert Earle Morgan Scholarship: This scholarship was established in 1988 by Dr. Robert E. Morgan, Professor of French and Mathematics, to provide financial assistance to worthy students.

Mr. and Mrs. M.A. (Brick) Morris Scholarship: Mr. and Mrs. M.A. (Brick) Morris endowed a scholarship to aid students of good character who are in financial need. Students from South Carolina are considered first.

Professor and Mrs. M. A. Moseley, Jr., Memorial Scholarship: Established in 1987 by friends and former students in memory of the Moseleys to provide financial assistance to worthy students pursuing a degree in science. Preference is given to students majoring in chemistry.

Porter Brothers, Inc., Scholarship: In 1970 a fund was established by Porter Brothers, Inc., of Shelby, North Carolina, to assist needy and worthy students.

Thomas P. Pruitt, Sr., Memorial Scholarship: Mr. Pruitt was an outstanding Christian layman known for his service to the First Baptist Church of Hickory, North Carolina, and the North Carolina and Southern Baptist Conventions. He is honored through this fund by his wife, children, and friends. Needy Christian students are assisted.

S.S. Royster Memorial Scholarship: Established in 1985 by the late D.W. Royster, Sr., of Shelby, North Carolina, this scholarship is named in memory of his parents, Dr. S.S. Royster and Mrs. Olive B. Royster. Income from this scholarship is used to assist needy students.

D. W. Royster, Sr., Memorial Scholarship: Established by the family and friends of D. W. Royster, Sr., this fund honors his memory.

Mr. and Mrs. Ray Small Academic Scholarship: This fund was established by Mr. and Mrs. Ray Small of Lincolnton, North Carolina, because of their interest in Christian higher education.

Edon and Ethelene M. Smawley Scholarship: Mr. and Mrs. Smawley established this scholarship in 1985 to provide financial assistance to students.

C.R. and Elizabeth Spangler Scholarship: This scholarship is made possible by Mr. and Mrs. C.R. Spangler and Mr. and Mrs. Ralph Spangler of Cleveland County, North Carolina. It is granted on the basis of Christian character and financial need of qualified students. Preference is given to Cleveland County students.

Earl W. and Evelyn H. Spangler Practical Leadership Development Scholarship: The fund was established by Earl W. and Evelyn H. Spangler of Shelby, North Carolina, in 1979 to express a commitment to Christian higher education. The scholarship is awarded to an entering freshman with the most clearly demonstrated record of, and with the most predictable potential for general practical leadership. A selection committee, headed by the president of Gardner-Webb College, selects the recipient.

The Eloise and Pat Spangler Fund: This fund was established in 1981 by their many friends from across the Southeastern United States as an expression of appreciation for the Spanglers' years of public service. The fund provides graduate stipends for teaching assistantships.

Everett G. and Vera L. Spurling Scholarship: Established in 1971 by Mr. and Mrs. Everett G. Spurling to provide scholarships for needy and worthy students, with preference given to students from upper Cleveland County.

J.P. Stevens and Company Scholarship: Established in 1965 by J.P. Stevens and Company to provide financial assistance for worthy and needy students, with preference to students from Cleveland County.

George Edward Sweet Memorial Scholarship: The scholarship was established by the family and the friends of Mr. Sweet. It is awarded to a needy and worthy student.

Annie Mae Miller Walker Scholarship: This scholarship was established in 1966 through a bequest in the will of Mrs. Walker, a philanthropist and lifelong resident of the Green Creek area of Polk County, North Carolina. The scholarship is awarded to needy students.

Lee B. Weathers Scholarship: The fund was established by Henry Lee and Pearl A. Weathers, children of Lee B. Weathers, to provide financial assistance to worthy and needy students at Gardner-Webb College. Preference is given to students interested in journalism, public relations, or college publications. Also, children of any employee of the Shelby Star that apply shall be given preferential consideration if determined worthy by the College.

Margaret Young Memorial Scholarship: In 1966 Mr. J.F. Alexander, Mrs. Martha Howe, and Mrs. Kathleen Alexander Carpenter, all of Salisbury, North Carolina, created the scholarship as a memorial to Margaret Young. It is awarded to needy students.

Other Endowed Scholarship Funds

Mr. and Mrs. Howard S. Berry; Ensign Ronald Franklin Carpenter Memorial; O.P. Hamrick; Jack Hunt; Jenny King; Minnie Connor Poston Memorial

Annual Scholarships

Acteen Student Scholarships: A young woman who has been involved in the Acteens individuals achievement plan, Studlect, may receive a scholarship ranging in value from \$800 to \$1,800. These scholarships are made available by Gardner-Webb College; however, the application should be filed with the State Acteens Director, Baptist State Convention, Cary, N.C. 27511-1170 before April 1.

Alpha Epsilon Recruitment Grant: This \$200 scholarship is given by the Alpha Epsilon Chapter of Delta Kappa Gamma, an educational, honorary, and professional society, to a worthy student interested in teaching.

Mary Lou Casady Scholarship: The Mary Lou Casady Scholarship for \$300 is awarded annually to a rising sophomore nursing student. Preference is given to a former LPN or an older student who demonstrates maturity, dedication, and commitment to the nursing profession. The student should be deserving of financial assistance.

Christian Vocation Scholarships: Each student pursuing a Christian vocation may qualify for an annual \$500 scholarship provided a 2.5 grade point average is maintained on all work attempted, and provided the application is submitted by July 1 for fall semester and December 1 for spring semester.

Cleveland Memorial Hospital Scholarship: Established in 1887 to provide scholarships of up to \$2,000 to nursing students with preference given to residents of Cleveland, Rutherford, Burke, Lincoln and Gaston counties. The award will be a scholarship if the recipient works at Cleveland Memorial Hospital upon graduation.

In the event the recipient fails to complete the nursing course of study, become licensed by the state of North Carolina, or declines employment at Cleveland Memorial Hospital the full amount received must be repaid to Gardner-Webb College.

FOCUS Scholarships: The Fellowship of Christians United in Service, a ministry of the Gardner-Webb College Baptist Student Union, gives four, or more, \$200 scholarships each year. One scholarship is awarded to the FOCUS coordinator-elect, and the others are awarded to students nominated by the FOCUS ministry and approved by the Admissions and Financial Planning Committee.

S.C. Hamill Memorial Fund: Mrs. S.C. Hamill and the late S.C. Hamill of Lattimore, North Carolina, established this scholarship in 1968 to assist in educating a deserving and needy Southern Baptist missionary, missionary doctor, missionary nurse, missionary teacher, or ministerial student approved by his or her local church.

Lutz Scholarship: State Representative Edith Lutz of Cleveland County dedicated her \$1,200 legislative salary increase to establish scholarships at Gardner-Webb College. Scholarships are awarded to a student from each of the three counties of Cleveland, Polk, and Rutherford. The scholarships will be based on financial need and will be available as long as her career in the State House lasts.

Lily Hoyle Lutz Music Scholarship: Established by Mr. and Mrs. Ray Webb Lutz and Mr. and Mrs. Jack Lutz to provide financial assistance to a music major who participates in the Gardner-Webb

College Community Orchestras. A scholarship of \$1,000 will be awarded annually on Awards Day for the following academic year.

J. Ray Lutz Memorial Scholarship: Established in 1888 by Petroleum World, Inc. of Cliffside, North Carolina, this \$2,000 scholarship is named in memory of J. Ray Lutz of Shelby. It is awarded to an entering freshman from Cleveland, Rutherford, Polk, McDowell, or Burke County.

Wilma L. McCurdy Memorial Fund Scholarships: Special consideration in awarding the scholarships is given to worthy students from Stanly County. However, all scholarships are awarded to worthy students of North Carolina.

Ministerial Board of Associates Scholarship Program: Each member of the Ministerial Board of Associates may recommend a student for the scholarship to be awarded in his name. The scholarship is available to first-time Gardner-Webb students, freshman or transfer, and is for \$1,000 to be credited at the rate of \$128 each semester for eight semesters. The recommendation must be mailed by June 1 for fall semester and December 1 for spring semester to the Director of Financial Planning, Gardner-Webb College.

Minister's Dependent Scholarship: Each dependent of an ordained Baptist minister may receive a \$1,000 scholarship each academic year upon completion of the Minister's Dependent Scholarship application. The minister whose dependent claims the scholarship must be a full-time minister of a Southern Baptist Church or an ordained, full-time employee of a SBC-affiliated State Convention or agency. The recipient must be a full-time student. He/she must maintain at least a 2.5 cumulative grade point average to be eligible for renewal each year.

Royal Ambassadors Service Aide Scholarships: A young man who has been involved in the Royal Ambassadors Service Aide program may receive a scholarship ranging in value from \$600 to \$1600. These scholarships are made available by Gardner-Webb College; however, the application should be filed with the Baptist State Convention, Brotherhood Department, Box 1107, Cary, N.C. 27511-1107 before April 1.

D.A. Tedder Scholarship: This is a \$200 scholarship given in memory of the Reverend Daniel Allen Tedder of Shelby, North Carolina, by his daughter, Mrs. Fredrick Swift. The scholarship is awarded to an able and deserving ministerial student.

Gardner-Webb College Loan Funds

The following guidelines govern the Gardner-Webb College revolving loan funds:

1. All transactions, such as signing the promissory note, are made directly with the student, who must be enrolled in good standing

or accepted for enrollment at Gardner-Webb College.

2. The maximum loan for an academic year is \$2500.

3. Terms of the loan:

- a. Repayment begins six months after termination of education at Gardner-Webb College.
- b. Repayment rate will be \$50 monthly plus interest or the amount needed to repay the loan within the maximum 10-year repayment period.
- c. The rate of interest is eight percent computed on the unpaid balance.
- d. The borrower is responsible for any litigation fees incurred because of delinquency.

4. The student must reapply when additional funds are needed since loans are not automatically renewed.

Loan Funds

Deck W. Andrews Loan Fund for Business Majors: This loan fund was initiated in 1970 by the Department of Business Administration (The Broyhill School of Management) for majors within the department who are having difficulty financing their education. The loan is available to juniors or seniors.

The Dewitt and Alma B. Anthony Student Loan Fund: The fund was established in 1983 at the request of the late Mrs. Alma Anthony Greene as a memorial to her parents.

C.B. Baker Loan Fund: Mr. C.B. Baker of Hickory, North Carolina, bequeathed part of his estate to Gardner-Webb College. This amount is used to help students dedicated to full-time Christian service.

Beaver Dam Baptist Church Fund: The Beaver Dam Baptist Church of the Kings Mountain Baptist Association has provided a loan fund to be used for assistance to worthy young men and women with the understanding that the young people of Beaver Dam have first consideration in awarding these funds.

Boiling Springs Baptist Church Loan Fund: In 1973 Boiling Springs Baptist Church established a student loan fund to help worthy and needy students.

J. Herbert Bridges Loan Fund: The fund was established in 1949 by J. Herbert Bridges of Charlotte, North Carolina.

W.B. and Louise P. Camp Fund: Established in 1972 by Mr. and Mrs. W.B. Camp of Bakersfield, California.

Burna B. Carpenter Floral Loan Fund: The fund was established to assist those who are preparing for any phase of full-time Christian service.

Mr. and Mrs. Thomas Ray Casady Loan Fund: This loan is awarded to a worthy student. The recipient may make a contribution to the fund to help future students.

Cleveland County Medical Society Student Loan Fund: Established to provide financial assistance to nursing students at Gardner-Webb College who are residents of Cleveland County and who have made a commitment to serve as nurses in Cleveland County following their graduation.

R.L. Corbett Ministerial Loan Fund: The Reverend R.L. Corbett of Marion, North Carolina, established this fund to assist worthy students who have chosen a Christian vocation.

Melba Currie Student Loan Fund: Established as a loan fund for those who plan to enter a Christian vocation, first priority is given to students from Hillcrest Baptist Church, Charlotte, North Carolina. The maximum loan is \$500 per student.

A. V. Dedmon Memorial Loan Fund: This fund was established in 1971 by the family of A.V. Dedmon, Sr., of Shelby, North Carolina.

Hubert C. Dixon Mathematics Loan Fund: This fund was established in 1975 to provide a source of financial assistance to junior and senior mathematics majors who need financial aid. It was named to honor the memory of Professor Hubert C. Dixon, who served Gardner-Webb College well in many capacities for forty-one years.

Elizabeth Extension Homemakers Club Loan Fund: The Elizabeth Extension Homemakers Club of Shelby, North Carolina, has provided a loan fund to be used by a worthy young man or woman. It is granted on the basis of Christian character and financial need to a qualified student, preferably from Cleveland County.

P.L. Elliott Memorial Loan Fund: This fund was established by the Elliott family and friends for worthy and needy students.

Mr. and Mrs. Eugene Elmore Loan Fund: Established in 1977 to assist students studying for the ministry, religious education, or ministry of music, loans are made according to need.

Hattie Nix Giffatt Memorial Loan Fund: This fund was established in 1957 as a memorial to Hattie Nix Giffatt of Shelby, North Carolina.

Mary Hartwell Groves Loan Fund: Barron G. Groves established a loan fund in 1972 in memory of his wife, Mrs. Mary Hartwell Groves.

Mary Sue Anthony Hamrick Nursing Loan Fund: This fund was established by the family and friends of Mrs. Hamrick.

Asbury Carr and Jane Gardner Hamelson Loan Fund: Dr. Lewis G. Hamelson and the late Dr. Michael A. Hamelson established a loan fund for biology students in honor of their parents, Asbury Carr Hamelson and Jane Gardner Hamelson.

Marion Hinson Loan Fund: In 1950 Mr. and Mrs. Claude S. Hinson of Belmont, North Carolina, established the fund as a memorial to their son, Marion Hinson.

J.D. Huggins Memorial Loan Fund: This fund was established in 1975 by Hanson D. Powers, Sr., in memory of J.D. Huggins, Sr.

Joseph Henry Jones Memorial Loan Fund: This fund, in memory of Joseph Henry Jones, who gave his life in the Battle of the Bulge on December 16, 1944, was created by his mother, Mrs. J.H. Jones and other friends.

Ada Harris Knowles Loan Fund: The fund was established in 1958 by Tom Knowles of Davidson, North Carolina, in memory of his mother.

Jimmy Ray Lail Memorial Loan Fund: Jimmy Lail was a Gardner-Webb ministerial student in whose memory this fund was created in 1974 by his wife and daughter. Additional memorials have been made by relatives and friends. Students preparing for full-time Christian service or other vocations are eligible to apply for this loan.

John MacLaren Lawrence Memorial Loan Fund: In 1954 the Reverend and Mrs. Tom Lawrence of Cliffside, North Carolina, established a student loan fund as a memorial to their son, John MacLaren Lawrence. First preference is granted to students from Rutherford County.

Wilma L. McCurdy Memorial Fund: Mrs. Wilma L. McCurdy of Albemarle, North Carolina, bequeathed funds to provide loans for worthy students from North Carolina.

David Pressley Memorial Loan Fund: The fund was established in 1956 by Gardner-Webb students, faculty members, and friends in memory of David Pressley.

Rush Stroup Loan Fund: Mrs. Mae Cline Stroup of Shelby, North Carolina, established this fund in 1947 in memory of her husband, Rush Stroup. The fund is used for deserving young people, preferably Cleveland County students and ministerial students.

Mr. and Mrs. J.O. Terrell Loan Fund: This fund was established by Mr. and Mrs. J.O. Terrell in 1954 to provide financial assistance to needy students. Mr. Terrell was a longtime professor, dean and vice president of the College.

Tom and Clara Lee Withrow Loan Fund for Nursing Students: Mr. and Mrs. A.T. Withrow established this fund in 1974. The loans are made to students in the Gardner-Webb nursing program. Students are encouraged to contribute to the fund after paying off their notes.

Tom Withrow Foundation Loan Fund: In 1963 A.T. Withrow of Charlotte, North Carolina, established the fund.

Other Loan Funds

Charles Andrews Foreign Language Loan Fund; Board of Associates Loan Fund; Branch Banking and Trust Loan Fund; Cove Creek Baptist Church Loan Fund; First Baptist Church, Shelby.

North Carolina; Gastonia Altruism Loan Fund; Mr. and Mrs. Coleman Goforth Loan Fund; Gold Loan Fund; Dr. C.H. Hamill Loan Fund; Hendrix Betting Company Loan Fund; G.W. and N.B. Kendrick Loan Fund;

L. & R. Oil Company Loan Fund; Logan Loan Fund; Printing and Packaging Loan Fund; Roberts Loan Fund; Schenck Loan Fund; Florence Solism Loan Fund; Shelby Kiwanis Club Loan Fund; Shelby Lions Club Loan Fund; Shelby Rotary Club Loan Fund; Mr. and Mrs. T.M. Stanback Loan Fund; Mrs. Fields Young Sr. Loan Fund.

College Work Program

Gardner-Webb College provides part-time campus employment to a limited number of students who wish to earn a portion of their college expenses by working. Students interested in securing campus employment should submit the need analysis form from the American College Testing Program. Part-time campus employment for students is available in the cafeteria, residence halls, laboratories, library, and departmental offices.

Federal Assistance Programs

Any student enrolled or accepted for enrollment in an eligible program at Gardner-Webb College may receive assistance under the Title IV Programs if he/she:

1. Is a citizen or permanent resident of the United States.
2. Has met the Selective Service Requirement.
3. Is maintaining satisfactory progress according to established standards.
4. Does not owe a refund on a grant or is not in default on a loan received at Gardner-Webb or any other postsecondary institution.
5. Completes the Family Financial Statement (ACT).

Pell Grant Program: Students may apply for a Pell Grant by completing the need analysis form. A three-part Student Aid Report will be forwarded to the student for submission to the Financial Planning Office. Grant amounts are determined by the Financial Planning Office from a payment schedule provided by the Department of Education.

Supplemental Educational Opportunity Grant (SEOG): Grants are awarded to students with exceptional need with priority given to students receiving Pell Grants. Grants range from \$100 to \$4,000 per year.

College Work-Study Program: The College participates in the College Work-Study Program to provide jobs for students. Employment is arranged on campus or off campus with a public or non-profit agency, such as a hospital, library, or recreational facility. Students are paid the current minimum wage rate.

Perkins Loans: First priority will be given to students with exceptional need. An undergraduate student may borrow up to a maximum of \$9,000 for undergraduate study. Students may borrow up to a maximum of \$15,000 for study toward a professional or graduate degree, including loans borrowed for undergraduate study. Repayment of principal and interest of five percent begins nine months after the student ceases to be enrolled at least half-time. Interest accrues at the rate of five percent on the unpaid balance.

Robert T. Stafford Student Loans: Loans may be made by banks, savings and loan associations, and private non-profit agencies guaranteed by State Assistance Authorities. The loans are insured by the Federal Government. Students may borrow up to \$2,525 for the first two years of their undergraduate program. Juniors and seniors may borrow up to \$4,000 per academic year. Graduate and professional students may borrow up to \$7,500 per academic year. Payments of principal and interest begin six months after graduation or other separation from the College.

Supplemental Loans for Students: Eligible graduate and professional students and independent undergraduate students may borrow up to \$4,000 per academic year with an aggregate loan maximum of \$20,000. These loan limits do not include amounts borrowed under the GSI and PLUS Programs. This loan is not based on need. Applications may be secured from the Financial Planning Office.

PLUS Loan Program: Parents may borrow for either dependent undergraduate or dependent graduate/professional students. The maximum amount a parent may borrow is \$4,000 per academic year, with an aggregate loan maximum for each eligible student of \$20,000. These loan limits do not include amounts borrowed by a student under the GSI or SLS programs and are not based on need. Applications are available in the Financial Planning Office.

State Assistance Programs

North Carolina Legislative Tuition Grants: The 1975 North Carolina General Assembly established a program of tuition grants available to North Carolina residents attending private colleges and universities located within the State. The awards were \$1,100 during the 1988-90 academic year.

North Carolina Connecticut Scholarship Program: Awarded to North Carolina residents showing need on their need analysis form. Amounts awarded vary depending on need.

North Carolina Student Incentive Grant Program (NCSIG): Legal residents of North Carolina may apply for Student Incentive Grants to help pay their educational expenses. Students must demonstrate substantial financial need as determined through an approved need

analysis forms. Awards range from \$200 to \$1500 per year depending on financial need.

North Carolina Prospective Teachers Scholarship-Loans: The State of North Carolina makes a limited number of awards to North Carolina students planning to enter the public school system of the State. The award is \$2000 per year and is a scholarship if the recipient teaches in North Carolina public schools. The deadline for submitting the application is March 1.

North Carolina Vocational Rehabilitation Program: The State of North Carolina provides financial assistance for residents who have permanent handicaps. Information concerning such aid is available through the Director of Vocational Rehabilitation, State Department of Public Instruction, Raleigh, North Carolina 27600.

Nurse Education Scholarship Loan Program (NESLP): Established by the 1989 NC General Assembly to assist students enrolled in a nurse education program leading to a certificate or degree that enables the holder to sit for licensure in North Carolina as a Licensed Practical Nurse or a Registered Nurse. Awards are based on financial need.

The North Carolina Nurse Scholars Program (NSP): Established by the NC General Assembly in 1989 to provide college scholarships for outstanding high school graduates interested in becoming a registered nurse. The program also makes awards for licensed RNs who return to school to earn the baccalaureate degree. An applicant must be admitted to the nurse education program prior to being awarded the Nurse Scholarship. Application forms are made available to eligible students after February 1.

The Paul Douglas Teacher Scholarship Program (PDTs): Established by Congress in 1985 to provide college scholarships for outstanding high school graduates to encourage and enable them to pursue teaching careers at the preschool, elementary, or secondary level. The Paul Douglas Teacher Scholarship may be received for a maximum of four academic years, subject to Congressional appropriations. Applications may be obtained in January. The application deadline is April 15.

Private Assistance Programs

A.J. Fletcher Music Scholars Program: This scholarship fund was established in 1983. Each year A.J. Fletcher Scholars are selected by audition. For further information, contact the chair of the Department of Fine Arts.

James G. K. McClure Educational and Development Fund Scholarships: Founded in 1927, this fund named in memory of James G. K. McClure, provides scholarships to students from Western North Carolina who demonstrate academic promise and financial need. Scholarships are provided to entering freshmen and to health career majors.

Nido Dubois & Associates, Inc.: High Point area students attending any private North Carolina college and planning a career in youth-related work may qualify for a scholarship. The amounts are flexible and are awarded on the basis of need and academic achievement. Interested students should write to the Scholarship Committee, Nido Dubois and Associates, Inc., PO Box 5367, High Point, North Carolina 27262. Applications must be received no later than April 15.

Little Rose Whitehead Foundation: Provides scholarships for women from either of the following states: Georgia, North Carolina, South Carolina, Virginia, Louisiana, Mississippi, Alabama, Tennessee, and Florida. Scholarships are based on need and are awarded to students majoring in Nursing and are also available to students who are hearing or visually impaired.



Academic Regulations

Degree Requirements

Degrees and Major Fields

Gardner-Webb College offers the following degrees and major fields of study:

Master of Arts (M.A.) in Education, School Counseling and Agency

Counseling. See the Graduate Catalog for programs and degree requirements.

Bachelor of Arts (B.A.)

Communications
English
English-Teacher Certification
French
French-Teacher Certification
History
Liberal Arts
Music
Music Education
Religious Studies
Religion

Religious Studies

Education Studies
Sacred Music
Social Sciences
Social Sciences-Teacher Certification
Sociology
Spanish
Spanish-Teacher Certification

Bachelor of Science (B.S.)

Accounting
Administrative Management
Biology
Biology-Teacher Certification
Business Administration
Chemistry
Chemistry-Teacher Certification
Computer Science
Education
Elementary (K-6)
Middle Grades (5-8)
Health Education

Health Education-Teacher Certification (K-12)

Industrial Management
Management Information Systems
Mathematics
Mathematics-Teacher Certification
Medical Technology
Physical Education
Physical Education Teacher Education (K-12)
Physician Assistant
Psychology

Bachelor of Science (B.S.)

Dual-Degree Program in Engineering with Auburn University

Bachelor of Science in Nursing (B.S.N.)

Associate in Arts (A.A.)

Nursing

Sign Language Studies

Bachelor's Degree Requirements

Gardner-Webb College offers an academic program consisting of a minimum of 128 semester hours of credit for the bachelor's degree. The degree consists of a major field of concentration in the liberal arts or in a professional or preprofessional area, a general studies program, and elective courses. Most of the programs also require a minor field of concentration. To earn a baccalaureate degree the student completes the academic program below:

1. Completion of General Studies as follows:

Basic Course Requirement	Semester Hours Required		
	Group A		
English 101 and 102	6	6	6
History 101 and 102	6	6	6
Religion 101 and 102	6	6	6
Social Science	6	6	6
Select any 6 hours from the following: economics, history (201 and 202 preferred), geography, political science, psychology, or sociology.			
Fine Arts	3	3	3
Select from the following: Art 207, Cultural Arts 226 (required of all teacher education candidates; open to all students), Music 125, Music 226 (Music majors only).			
Physical Education	2	2	2
Select from the following: Physical Education 101 and another course numbered between 102 and 208.			
Foreign Language	3-12	0	0
Select from the following: French 101, 102, 201, 202; Spanish 101, 102, 201, 202; German 101, 102,			

201, 202; Greek 101, 102, 201, 202. Other language courses numbered above 202 may meet requirements. Language courses in translation are excluded. French 211 or Spanish 211 fulfills the foreign language requirement in one semester.

Natural Science	8	16	8
Students following A, B, or C requirements must take Biology 101 and an additional four-hour course in chemistry, geology, or physics. Students following group B requirements are to select two additional four-hour courses from biology, chemistry, geology, and/or physics. Majors in engineering or education (K-6, 6-8) must follow distinctive departmental requirements.			
Mathematics	3	3	3-9
Group C must include 3 hours above Mathematics 210. To complete Group C with less than 9 hours a student must complete Mathematics 219 or 221.			
Total	43-62	48	40-46

2. Satisfactory work in one major subject.

3. Supportive Minor—The supportive minor, consisting of courses within the department of the major field, is optional unless required by the major department.

4. Required Minor—The required minor is completed in a department other than the major department.

5. Electives.

6. Dimensions—Attendance is required each semester of full-time enrollment.

7. The last academic year (30 semester hours or more) must be taken at Gardner-Webb.

8. Participation in commencement exercises.

Students must demonstrate competence in English, reading and mathematics prior to beginning General Studies courses in those areas.

A minimum grade point average of 2.00 on a 4.00 scale based on the College grading system is required for graduation, both on all work transferred and on that work attempted at Gardner-Webb.

The student must have a minimum grade of "C" on each course counted toward the major. A transfer student is expected to complete at least one half of the major at Gardner-Webb.

The student must have an overall 2.00 average on all work counted toward any minor. A transfer student is expected to complete at least nine hours of the required minor at Gardner-Webb.

The student transferring from a junior college is required to complete a minimum of 64 semester hours of subsequent study in senior colleges or universities.

The student is responsible for making official application for graduation to the Registrar no later than the end of pre-registration during the regular semester immediately prior to the final semester of study. For students participating in the Spring Commencement Exercises, the application for graduation must be submitted to the Registrar no later than November 30, 1991. For students participating in the Summer Commencement Exercises, the application for graduation must be submitted to the Registrar no later than March 30, 1992.

Student Responsibility

The student bears the final responsibility for the selection of a program of study and adherence to all published regulations and requirements of the College, including the preceding requirements for graduation.

Associate Degree Requirements

Gardner-Webb College offers associate degree programs in Nursing and Sign Language Studies. A minimum of 64 semester hours is required for graduation. Up to two semester hours of credit for Convocation attendance may be applied toward the degree. Specific course requirements for the associate degree program are listed in the courses of instruction.

The student is required to take the final 24 semester hours at Gardner-Webb.

The student must have a minimum grade of "C" on each course required in the major field.

A minimum grade point average of 2.00 on a 4.00 scale is required for graduation, both on all work attempted and on that work attempted at Gardner-Webb.

The student is required to participate in commencement exercises.

The student is responsible for applying officially to the Registrar for graduation. Application deadlines are as follows: November 30, 1991, (for spring graduation) and March 30, 1992 (for summer graduation).

The student bears the final responsibility for fulfilling all the requirements for the chosen degree program. It is the student's responsibility to be familiar with the proceeding requirements for graduation.

General Studies Requirements

All candidates for the Bachelor of Arts degree complete required courses as specified in Group A. Prospective Bachelor of Science graduates may choose either Group A, B, or C. This option involves only the quantity of semester hours required in foreign language, science, and mathematics. The foreign language requirement for Group A is satisfied by the completion of a course numbered 202 or higher. Other language courses numbered above 202 may meet requirements. Advanced credit (5 semester hours) may be granted for French 101, 102; German 101, 102; or Spanish 101, 102 to a student who first passes a standardized test administered by the Department of Foreign Languages and Literature, thus establishing competence at the elementary level, and then completes a course at the intermediate level or above with the grade of C or better.

The Major

Each candidate for a baccalaureate degree must choose a major field of concentration. This selection should be made before entering the junior year. However, students in music, nursing and education should begin their major in their freshman year. Requirements for each major are listed with the courses of instruction.

Registration of the intention to major with a particular department is required. A request is submitted to the chair of the department. The academic advising of all declared majors within a department is the responsibility of the chair. This responsibility may be delegated to any faculty member within that department for that period of time which best serves the interest of the student.

A student may elect to complete more than one major. To do this the student meets the requirements of a primary major plus 30 semester hours in a secondary field as approved by the departmental chair of the secondary major. No course may be

counted in both majors. A student graduating with a double major receives only one degree, that of the primary major. However, the transcript denotes both primary and secondary majors.

The Supportive Minor and Required Minor

The supportive minor consists of courses offered by the major department.

The supportive minor is optional unless required by the major department. When taken as an option, the courses will be selected in consultation with the faculty adviser. In cases where the supportive minor is optional, and the student has appropriate transfer credits, the student may choose to designate up to nine hours in the supportive minor as those which are transfer credits.

The supportive minor cannot be in the same discipline as the major.

The required minor must be from a department other than the major. A minimum of nine hours of the minor must be taken from Gardner-Webb College. Requirements for this minor may be fulfilled by satisfactory completion of cross-discipline courses selected by the student or recommended by the major department. Advisement regarding minor requirements will be the responsibility of the department of the student's major. Consultation with the chair of the minor is encouraged. Any deviation from catalog course requirements of a minor must be approved in advance by the chairs of the major department and the minor department and filed with the Registrar.

The minor field consists of a minimum of 15 semester hours. Requirements for each minor field are listed with the courses of instruction. The following minor fields are available:

Art	English
Athletic Training	Foreign Languages
Biology	French
Business Administration	Health Education
Chemistry	History
Classical Languages	Liberal Arts
Coaching	Management Information Systems
Communications	Mathematics
Computer Science	Music
Drama	Physical Science
Economics	Political Science
Education	Psychology
Religious Studies	Sociology
Sign Language Studies	Spanish
Social Sciences	

Developmental Program

A program of developmental studies in writing, reading, and mathematics will be required of all students who enter Gardner-Webb with background deficiencies in any or all of the above areas. Students in the developmental program may be required to take a reduced, selected course load. The courses in this program will be required in addition to the Basic Course Requirements; however, college credit will be earned for the successful completion of all courses taken in the developmental program. Any course in the developmental program for which a D or F is received must be repeated.

Students with unsatisfactory performance in the developmental program will be subject to academic dismissal from Gardner-Webb College.

DIMENSIONS

DIMENSIONS is intended to support the purpose of Gardner-Webb College, which includes a commitment to the Christian faith, the pursuit of intellectual and cultural enrichment and the fostering of a sense of community. Consequently, the three primary objectives of the DIMENSIONS program are:

1. To provide opportunities for spiritual growth through worship experiences and programs of a religious nature, all in the context of Gardner-Webb College's strong commitment to the Christian faith.
2. To enhance the academic program of the college by providing opportunities for intellectual and cultural enrichment, to include programs of an academic nature as well as dramatic, musical and other cultural events.
3. To promote a sense of community by regularly bringing together students, faculty, staff and friends of the college. While all DIMENSIONS events help to achieve this objective, the Fall college Convocation at the beginning of the academic year and the annual academic Awards Day in the Spring are examples of bringing the college family together for highly meaningful events.

Each student is required to attend DIMENSIONS each semester of full-time enrollment at Gardner-Webb College.

One semester hour of credit is given for two semesters of satisfactory DIMENSIONS attendance. A maximum of four semester hours credit for DIMENSIONS may be applied toward the completion of the 128 hours required for graduation.

Any exemption from DIMENSIONS is determined by the Dean of Academic Affairs. Exemption is granted for the following: student teaching, foreign language practicum and nursing practicum.

General Academic Regulations

Registration and Courses

Classification

Classifications are made at the beginning of the college year in August or at the time of the student's enrollment.

A sophomore must have removed all entrance conditions and have completed 30 semester hours of work toward a degree.

A junior must have completed 60 semester hours, and a senior, 90 semester hours.

Special students include all persons enrolled at the College who are not seeking a degree.

Course Load

The unit of credit at Gardner-Webb College is the semester hour. A student is considered full-time if enrolled for 12 semester hours or more. The normal load is 16 semester hours, and any student in good standing may enroll for as many as 18 semester hours.

No boarding student may be enrolled for less than 12 semester hours at any time during a semester unless given prior permission by the Office of Residence Life.

The normal load for each term of summer school is 6 semester hours or a 4-semester-hour laboratory course.

Course Registration

Students are expected to register for themselves at the designated days in August and January. Registration information is made available to all students. Registration includes academic advising, selection of courses and payment of fees. Before preregistration or registration, each student should consult with his or her academic adviser on course selection, General Studies requirements, major requirements and other degree requirements. However, it is the responsibility of the student, not the academic adviser, to ensure that all College graduation requirements are met. A student will not receive credit for any course for which registration has not been completed.

Unless the student and his adviser consider it essential, a student should not change the schedule after registration.

Auditing Courses

Any Gardner-Webb College student may audit a course for a nominal charge.

Area residents not desiring credit may audit a course for a nominal charge provided an application is filed with the Admissions Office and approval of the Academic Dean is received.

Changes in Class and Schedule

The College reserves the right to cancel or discontinue any course because of small enrollment or for other reasons deemed necessary. In order to assure quality instruction, the College reserves the right to close registration when the maximum enrollment has been reached. The College reserves the right to make changes in schedule and/or faculty when necessary.

Adding and Dropping Courses

The student's schedule may be adjusted by adding and dropping courses with the approval of the academic adviser and the Registrar within one week from the beginning of the semester. A fee will be charged for any change following the student's initial registration unless required by the College.

When a student officially withdraws from a course a grade of "W" (withdraw) is recorded during the first four weeks of the fall and spring semesters, or during the first week of a summer term. After this period a "WP" (withdraw passing) or "WF" (withdraw failing) is assigned by the professor based upon an assessment of the student's work to date in the course. No hours attempted are recorded for "W" and "WP" grades.

The last day for dropping an individual course is four weeks after the mid-term grade report period or a date not to exceed 75% of the course. After this time the only courses which will be dropped are those which a student drops when withdrawing from school.

Independent Study

The term "independent study" is reserved for those courses specifically designed as guided reading and/or student-initiated research courses that include a written project/paper which shall become part of the holdings of the Dover Library at the conclusion of the course.

Independent study is open to students with junior and senior standing and requires the approval of the professor offering the study, the student's major department, and the concurrence of the Academic Dean. The proposal must be submitted and approved by the end of the semester preceding the study. No more than six hours credit in independent study may be applied toward graduation requirements.

Course by Arrangement

A course by arrangement is restricted to a catalog course which is not offered by the College during a given semester or cannot be scheduled by the student. The course might be offered to the student on a one-to-one basis. The option is limited to instances

of extenuating circumstances. Approval of the professor, department chair, and Academic Dean is required.

Overload

A student whose cumulative grade point average is less than 2.00 may not register for overload hours in any term.

Repeat Courses

Only courses with a grade of "D," "F," or "WF" may be repeated. When a course is repeated at Gardner-Webb, only the higher grade is counted in computing the Gardner-Webb overall grade point average.

Attendance

Class Attendance

Regular class attendance is an important student obligation. Students are responsible for all course work conducted in class meetings. Students are required by college policy to attend a minimum of 75% of the scheduled class meetings. Failure to do so will result in loss of credit for the course. Furthermore, it is the prerogative of the professor to set a more stringent class attendance policy. During the first week of the semester the professor will clearly state, in writing, the attendance policy which will govern the class. Students are responsible for knowing the number of absences that they accumulate.

Absence from class does not excuse the student from responsibility for class work. Planned class absences for foreseeable personal circumstances or official college business must be negotiated with the professor prior to the absence.

Absence From Tests and Examinations

Students who miss scheduled tests and examinations without excusable reasons may not make up such assignments. Authorization to make up tests missed for excusable reasons is obtained from the professor of the class.

A student who does not take the final examination at the scheduled time will receive a failing grade in that subject unless excused by the instructor. If the student is excused, the grade will be recorded as incomplete.

Grades and Reports

Grading System and Quality Points

Graduation is dependent upon quality as well as upon quantity of work done.

A student earns quality points as well as semester hours if the level of performance does not fall below that of "D."

Letter grades are used. They are interpreted in the table below, with the quality points for each hour of credit shown at the right.

Grades	Hours Attempted Per Credit Hour	Quality Points Per Credit Hour
A --Exceptional	1	4
B --Outstanding	1	3
C --Satisfactory	1	2
D --Marginal	1	1
F --Failing	1	0
P --Passing (Nursing 200 only)	0	0
I --Incomplete	1	0
W --Withdrawn without penalty	0	0
WF --Withdrawn passing	0	0
WF --Withdrawn failing	1	0

An I is assigned where course work is not complete because of circumstances beyond the control of the student. The student has until the mid-term grade report of the next semester to complete the course work and remove the I; otherwise an F will be automatically assigned by the Registrar's Office.

A W will be assigned when a student withdraws from a course during the first four weeks of the semester. After the first four weeks of the semester, a WF or WP is assigned by the professor based upon the professor's assessment of the student's work to date in the course.

The last date for dropping an individual course will be four weeks after the mid-term grade report period or a date not to exceed 75% of the course. After this time the only courses which will be dropped are those which a student drops when withdrawing from school.

Once a grade has been submitted to the Registrar, it will not be changed except in the event of a clerical error or an error in calculation, or as a result of the appeal process described below.

A student who has a question about a grade should consult the instructor as soon as possible. A student who believes a grade to be unfair may appeal to the instructor, the department chair, and the Educational Policies and Standards Committee, in that order. The last date to initiate a grade appeal is the end of the following semester.

Under no circumstances will a grade be changed, after having been reported to the Registrar, without the approval of the Academic Dean.

Grade Point Average

The student's general academic performance is indicated by a Grade Point Average. This figure is determined by dividing attempted semester hours into earned quality points. Four Grade Point Averages are significant for each student: the semester GPA; the GPA for work taken at Gardner-Webb; the GPA for all work transferred; and the overall GPA, which includes any work taken at other institutions and the student's work at Gardner-Webb.

Grade Reports

Students are graded at mid-term as well as at the end of each semester. Mid-semester grades serve as progress reports and are not entered on students' permanent records.

Honors and Awards

Semester Honors

Two lists of honor students are posted each semester:

1. Dean's List—Students enrolled for a minimum of 12 hours and fewer than 15 must have a 4.0 Grade Point Average, and students taking 15 hours or more must have a 3.7 or better with no grade below C.
2. Honor Roll—Students enrolled for a minimum of 12 hours and fewer than 15 must have a 3.5 Grade Point Average with no grade below C, and students taking 15 or more hours must have a 3.2 but less than a 3.7 with no grade below C.

Annual Awards

Annual awards are made to outstanding students in each subject field, and the student with the highest academic record in each of the four classes receives an award. Senior awards are made at Commencement. Other class awards are made at Fall Convocation.

In memory of former Professor J.D. Huggins, the late L.R. Hamill established an award to a male graduate recognized for scholarship and participation in college activities.

In memory of the late Miss Etta L. Curtis, Mrs. Bonnie R. Price offers a citizenship medal to a female graduate recognized for scholarship and participation in college activities.

The winners of these awards are selected by the faculty.

Graduation Honors

A student with transfer credit is considered for graduation honors only if both the work at Gardner-Webb and the overall Grade Point Average merit honor. The overall GPA is used to determine the level of honor.

Baccalaureate degree candidates with GPAs of 3.4 or more are graduated Cum Laude; those with 3.6 or more are graduated Magna Cum Laude; and those with 3.8 or more are graduated Summa Cum Laude.

Associate degree students whose GPAs are 3.2 or more are designated as Honor Students.

Honors Program

Gardner-Webb College provides a comprehensive Honors Program to nurture academically qualified students in all majors. Emphasis is placed on Honors classes, leadership through their academic and co-curricular accomplishments, preparation for graduate school, and special activities. Students who participate in the Honors Program, complete a minimum of 24 semester hours, and receive the recommendation of the Honors faculty, will receive "Honors Program" recognition during commencement exercises.

Student Access to Educational Records

Gardner-Webb College complies with the Family Educational Rights and Privacy Act of 1974. This Act is designed to protect the privacy of educational records, to establish the right of students to inspect and review their educational records, and to provide guidelines for the correction of inaccurate or misleading data through informal and formal hearings. Students also have the right to file complaints with The Family Educational Rights and Privacy Act Office (FERPA) concerning alleged failures by the institution to comply with the Act.

Institutional policy explains in detail the procedures to be used by the institution for compliance with the provisions of the Act. Copies of the policy can be found in the Office of the Registrar. That office also maintains a Directory of Records which lists all student educational records maintained by this institution.

Questions concerning the Family Educational Rights and Privacy Act may be referred to the Office of the Registrar.

Transcripts of Student Records

Requests for copies of a student's record should be made to the Office of the Registrar. All transcripts will reflect the student's complete academic record. No transcripts will be issued without the written authorization of the student. No transcript will be issued for a student who has a financial obligation to the College.

Work at Other Institutions

Students who plan to take courses at other institutions during a regular term or summer session must have the prior written permission of the Registrar. The consent of the chair of the department in which the student is majoring is also required. The

Registrar will give such permission for work only in fully accredited institutions. Credit is allowed only for courses of college level which also are allowed toward graduation by the institution conducting the summer school. After completion of such courses, the student requests that an official transcript be sent to the Registrar, Gardner-Webb College.

The College is not obligated to accept credit for any course when prior permission has not been granted. Study at another institution cannot be used to improve a student's academic standing.

Academic Appeals

A student who has a question about an academic decision should consult the college official responsible for the decision. If the matter is not resolved to the student's satisfaction, the student may appeal to the Academic Dean and the Educational Policies and Standards Committee, in that order.

For the policy concerning the appeal of a grade, see the section entitled "Grades and Reports."

All academic appeals (other than grades as noted above) should be made in writing no more than eighteen months after the date of the decision being appealed.

Academic Standards and Withdrawal

Retaining Membership in the Student Body

Students once admitted to the College, who meet all requirements for continuing in school, are considered members of the student body. However, it is the policy of the College to require each registered student to reaffirm annually the desire and intention to retain membership in the student body.

Filing of intention to return is expected during the Spring Semester. Advance deposits are required each semester as indicated in the financial section.

Retention Standards

Standards for acceptable academic progress at Gardner-Webb College are set to assist students in assessing the quality of their performance. Academic probation and suspension are used to alert students to potentially serious academic difficulty in their progress toward degrees.

Students are placed on academic probation as a warning that their level of academic achievement is falling below the level expected of students in their class. If their academic achievement should not improve, they are in danger of being suspended from the College.

Students will be placed on probation whose cumulative grade point average falls below these minimum standards:

Freshmen 0 to 29 hours	1.5
Sophomores 30 to 59 hours	1.7
Juniors 60 to 89 hours	1.8
Seniors 90 hours and above	2.0

A student placed on academic probation remains on probation for the entire semester. The student will register for no more than 15 credit hours during any semester while on probation.

In order to be removed from academic probation, the student must bring the cumulative average up to the appropriate minimum standard. If the student fails to bring the cumulative average to a satisfactory level during the probation semester but the semester's average is at or above the minimum required, probation will be continued for another semester.

If, at any time, while he is on academic probation the student's semester and cumulative average fall below the requirement, the student will be placed on academic suspension. The student will be suspended from the College for the next fall or spring semester. At the end of a one-semester suspension the student must submit a formal application for readmission. If granted, the student may register for classes and will be automatically placed on academic probation.

Should a second academic suspension occur, it will be for at least two semesters. After a two-semester suspension from the College, the student must submit a formal application for readmission. If granted, the student may register for classes and will be automatically placed on academic probation. If placed on suspension a third time, the student will be suspended for two semesters.

Readmission requires the approval of the Admissions and Financial Aid Committee. Students suspended from the College are not automatically reinstated upon reapplication. A student who wishes to appeal the denial of reinstatement may do so through the Admissions and Financial Aid Committee. A student who wishes to appeal being placed on academic probation or suspension may do so through the office of the Academic Dean.

Students on either academic or disciplinary suspension are not allowed to participate in dramatic, musical, athletic, or other practice sessions since they are not to represent the College or participate in the public performance of such events.

Summer study at Gardner-Webb College may be used to improve one's academic standing. For purposes of assessing the student's academic standing, the summer study will be treated as an extension of the spring semester. Students who are on academic probation or suspension may not use study at another institution to improve their Gardner-Webb academic standing.

Withdrawal, Suspension and Expulsion

Voluntary termination of enrollment during the course of a semester or summer term is defined as withdrawal.

Dismissal from school for a specified period of time is suspension, and expulsion is dismissal for an unspecified period of time. The College reserves the right to suspend or expel any student or students when it believes that such action is in the best interest of the institution and/or the student(s). This action will take place only after careful consideration and consultation with the student or students in question and all other parties with information pertinent to the matter at hand.

Any student leaving school before the end of a term is required to secure a withdrawal form from the Registrar's Office, complete it in full, and return it to the Registrar Office. Honorable withdrawal is granted only if these procedures are followed. Failure to complete this procedure will result in the recording of "F" grades on all work taken that term.



Courses of Instruction

The departments of instruction are organized alphabetically with the various academic disciplines listed with the appropriate department. The departments and disciplines are as follows:

Department or Program

Liberal Arts

Broyhill School of
Management

Communication Studies

Davis School of Nursing
Education

English Language and
Literature

Fine Arts

Foreign Languages and
Literature

Health Education and
Physical Education

Mathematical Sciences

Natural Sciences

Psychology

Religious Studies and
Philosophy

Social Sciences

Special Programs

Academic Disciplines

Liberal Arts major

Accounting, Business Admin-
istration, Management, Man-
agement Information
Systems, Economics

Communications (Journalism,
Broadcasting, Drama), Inter-
preter Training

Nursing (ADN and BSN)

Teacher Education

English

Music, Art

French, Greek, Latin,
Spanish

Health, Physical Education,
Recreation

Mathematics, Computer
Science

Biology, Chemistry, Geology,
Physics

Psychology

Religion, Religious Education,
Philosophy

Geography, History, Political
Science, Sociology

Medical Technology, Physician
Assistant

Courses numbered 100-199 are on the freshman level, 200-299 on the sophomore level and 300 and above on the junior-senior level.

After the description of each course three numbers will appear (e.g., 3-0-3). The first digit designates the required classroom hours per week; the second digit, required laboratory hours per week; and the third, semester hours credit.

Liberal Arts Degree Program

The Bachelor of Arts Degree with a Major in Liberal Arts

Chair: Professor Morgan

Professors: J. Taylor, Billings, Murrell

Assistant Professor: Prim

The purpose of the Liberal Arts degree program is to provide for the serious student the opportunity to achieve a diversified liberal arts education. This major appeals to a broad spectrum of people such as those who seek upper-level management positions in business, those who plan to pursue graduate degrees, those who are called to the ministry and wish to prepare to enter a seminary, or those who intend to work in any way with personnel and/or the public and feel the need for a broad general education in the liberal arts.

The Bachelor of Arts Degree with a major in Liberal Arts is administered by the Liberal Arts Faculty, which is made up of five professors appointed to advise the liberal arts majors in each of the five humanities departments - English Language and Literature; Fine Arts; Foreign Language and Literature; Religious Studies and Philosophy; and Social Sciences. Liberal Arts majors will be assigned to advisors in these departments on a rotating basis.

Liberal Arts Major Requirements

The Basic Course Requirements must be satisfied by Group A. Liberal Arts majors are required to take an Interdisciplinary Studies course each semester after declaring Liberal Arts as a major following the freshman year (A minimum of four Interdisciplinary Studies courses). Major courses consist of all Interdisciplinary Studies courses, the Junior Liberal Arts Seminar (LAR 390), the Liberal Arts Research Projects I and II (LAR 490 and LAR 491), plus enough upper division (300-400 level) humanities courses to equal 30 semester hours. Any deviation from the stated requirements must be approved by the Liberal Arts Faculty.

Minor offered by the Liberal Arts Degree Program

A minor in Liberal Arts affords the student an opportunity to explore a breadth of knowledge from diverse disciplines within the college. Through the minor the student is encouraged to ponder life's important questions in pursuit of truth.

A student who is majoring in any other course of instruction may minor in Liberal arts by completing 12 hours of interdisciplinary courses. These may include the Liberal Arts Seminar and/or the Liberal Arts Research Projects.

Interdisciplinary Studies

Interdisciplinary Studies are special interest courses developed and taught by two or more faculty members in two or more departments or disciplines. The courses are offered by the Liberal Arts Faculty on a semester by semester basis and are usually offered only once. The courses are a blending of disciplines through which course content is placed in the realistic context of plurality of perspective and purpose.

Through an Interdisciplinary Studies course, students get better ideas of the way various attitudes and principles are at work in critical thinking. These courses are open to all students regardless of major.

Description of Courses

395. CHRISTIANITY AND ART

3 semester hours

A survey of major religious art works and their meaning and contemporary significance for the individual and the church. No prerequisites. G-O-3.

399. JUNIOR LIBERAL ARTS SEMINAR

3 semester hours

A course designed to correlate the diverse influence of the liberal arts disciplines. The seminar will be based upon readings in history and literature which will provide the foundations for exploring the intersections of culture, values, and thought in a specified time period. A goal of the seminar will be to develop a research prospectus which may be used in the Senior Research Project. G-O-3.

499. LIBERAL ARTS RESEARCH PROJECT I

3 semester hours

An independent study leading to a major research paper on a topic chosen by the student and approved by the Liberal Arts Faculty. G-O-3.

491. LIBERAL ARTS RESEARCH PROJECT II

3 semester hours

A continuation of LAR 490 which is a prerequisite for this course. The paper, begun in LAR 490, will be completed and publicly presented and defended as a scholarly paper. It will become part of the holdings of the John R. Dover Memorial Library. G-O-3.



The Broyhill School of Management

Chair: Associate Professor K. Griggs

Professor: Bottoms

Associate Professors: Carpenter, Smedley, Camp

Assistant Professors: Hardin, Hartman, Kamerslit, Negbenebor,
Scott, Thompson, Whiteheart

The Broyhill School of Management became Gardner-Webb College's first endowed school in 1981 with a gift from the Broyhill Foundation of Lenoir, North Carolina. The Broyhill School of Management provides professional training within the scope of a Christian, liberal arts college, building on the skills in learning and critical thinking that the liberal arts foster. The school encourages the pursuit of knowledge and the mission of service for those who choose to serve in the world of business.

The Broyhill School of Management attempts to fulfill its purpose by offering Bachelor of Science degrees with majors in Accounting, Administrative Management, Business Administration, Industrial Management, and Management Information Systems. Minors are offered in Business Administration, Economics and Management Information Systems. The Broyhill School of Management requires all majors to complete the college liberal arts core which recognizes the importance of a liberal arts education.

Accounting Major Requirements

The Basic Course Requirements may be satisfied by Group A, B, or C. The mathematics requirement must be met by Mathematics 216. The social science requirement must be met by Economics 203 and 204.

A major in Accounting requires 30 semester hours as follows: Accounting 313, 314, 315, 411, 425, 435, 450, Business Administration 305, 325, 450.

Required Minor

A student majoring in Accounting must choose a minor from any discipline outside of the School of Management.

Supportive Minor

A student majoring in Accounting must complete a minor in Business Administration by completing Accounting 213, 214, Business Administration 300, 312, 318, and Management Information Systems 241.

Electives

Students who will sit for the CPA exam should take Accounting 470. Students who will sit for the CMA exam should take Management Information Systems 310.

Administrative Management Major Requirements

The Basic Course Requirements may be satisfied by Group A, B, or C. The mathematics requirement must be met by Mathematics 216. The social science requirement must be met by Economics 203 and 204.

A major in Administrative Management requires 30 semester hours as follows: Management 318, 320, 321 or an approved programming language, 400, 418, 428, Business Administration 318, 480, Management Information Systems 241, 307.

Required Minor

A student majoring in Administrative Management must choose a minor from any discipline outside of the School of Management.

Supportive Minor

A student majoring in Administrative Management must complete a minor in Business Administration by completing Accounting 213, 214, Business Administration 300, 312, 326, and Management Information Systems 310.

Business Administration Major Requirements

The Basic Course Requirements may be satisfied by Group A, B, or C. The mathematics requirement must be met by Mathematics 216. The social science requirement must be met by Economics 203 and 204.

A major in Business Administration requires 30 semester hours as follows: Accounting 213, 214, Business Administration 300, 306, 312, 318, 326, 480, Management 318, and Management Information Systems 241.

Required Minor

A student majoring in Business Administration must complete a minor from any discipline outside of the School of Management. A second major may be used to satisfy this requirement.

Supportive Minor

A student majoring in Business Administration must complete a minor in Economics, Management, or Management Information Systems. A second major may be used to satisfy this requirement.

A supportive minor in Economics consists of 15 hours to be chosen from Economics 301, 303, 311, 420, Management 410, and Accounting 315.

A supportive minor in Management consists of 15 hours to be chosen from Management 330, 400, 403, 410, 416, 418, 422, 426, and Accounting 315.

A supportive minor in Management Information Systems consists of Management Information Systems 261, 371, 2 courses in an approved programming language, and two 3 semester hour Management Information Systems electives above the 300 level.

Industrial Management Major Requirements

The Basic Course Requirements may be satisfied by Group A, B, or C. The mathematics requirement must be met by Mathematics 216 and 219. The social science requirement must be met by Economics 203 and 204.

A major in Industrial Management requires 30 semester hours as follows: Management 316, 330, 400, 416, 430, 431, Management Information Systems 241, 261, Business Administration 306, 480.

Required Minor

A student majoring in Industrial Management must complete a minor from any discipline outside of the School of Management.

Supportive Minor

A student majoring in Industrial Management must complete a minor in Business Administration by completing Accounting 213, 214, 315, Business Administration 300, 312, 326.

Management Information Systems Major Requirements

The Basic Course Requirements may be satisfied by Group A, B, or C. The mathematics requirement must be met by Mathematics 216. The social science requirement must be met by Economics 203 and 204.

A major in Management Information Systems requires 30 semester hours as follows: Management Information Systems 261, 361, 362, 371, 422, 433, 471, Business Administration 480, and 2 additional Management Information Systems courses (300 or above).

Required Minor

A student majoring in Management Information Systems must choose a minor from any discipline outside of the School of Management.

Supportive Minor

A student majoring in Management Information Systems must complete a minor in Business Administration by completing Accounting 213, 214, Business Administration 305, 312, Management Information Systems 241, and Management 415.

Minors Offered by the School of Management

A minor in Business Administration requires Accounting 213, Business Administration 300, 315, Economics 204, Management 315, and Management Information Systems 241.

A minor in Economics requires Economics 203, 204, and four of the following courses: Economics 301, 303, 311, 420, and Management 410.

A minor in Management Information Systems requires Management Information Systems 241, 251, 371, 2 courses in an approved programming language, and one 3 semester hour Management Information Systems elective above the 300 level.

Description of Courses

Accounting

213, 214. ACCOUNTING PRINCIPLES
I AND II 3 semester hours each semester

3-0-3, 3-0-3.

213, 214. INTERMEDIATE ACCOUNTING
I AND II 3 semester hours each semester

The theory of accounting as applied to financial and managerial accounting. 3-0-3, 3-0-3.

315. COST ACCOUNTING 3 semester hours
An introduction to cost accounting; topics include job order process and standard cost methods. 3-0-3.

411. ADVANCED BUSINESS LAW 3 semester hours
Legal liability of accountants. Topics include Uniform Commercial Code, commercial paper, problems of tax practice, auditing responsibilities. Offered spring semester of odd-numbered years. 3-0-3.

425. FEDERAL INCOME TAX I 3 semester hours
Personal income tax planning, research, and preparation. Offered fall semester. 3-0-3.

426. FEDERAL INCOME TAX**3 semester hours**

A continuation of Accounting 425. Course includes United States regulations for corporate, partnership, estate, trust, gift, and social security taxes. Offered spring semester of even-numbered years. 3-0-3.

436. ADVANCED ACCOUNTING**3 semester hours**

Accounting for partnerships, installment sales, insurance, corporate consolidations, and annuities. Prerequisite: Accounting 214. Offered fall semester. 3-0-3.

490. AUDITING**3 semester hours**

Principles, techniques, procedures, and legal responsibility of auditors. Prerequisite: Accounting 214. Offered spring semester. 3-0-3.

490. CPA PRACTICE REVIEW**3 semester hours**

Designed to study the areas of accounting that usually appear on the Practice and Theory sections of the Certified Public Accounting examination. Special emphasis is placed on the opinions of the Accounting Principles Board and statements of the Financial Standards Board. Offered spring semester. 3-0-3.

Business Administration**116. INTRODUCTION TO BUSINESS****3 semester hours**

An introduction to accounting, marketing, finance, economics, and management. Designed to provide non-majors and new business majors with a preview of the subject matter and job prospects in the business field. 3-0-3.

306. LEGAL ENVIRONMENT OF BUSINESS**3 semester hours**

The course is designed to cover both the public and private regulation of business. Some of the topics covered are environmental law, contract law, agency, partnerships, and corporations. 3-0-3.

301. PERSONAL FINANCE**3 semester hours**

Intended for business majors and non-majors who want to manage their personal finances better. Course covers personal budgeting and accounting, buying on credit, borrowing money, personal income tax returns, saving and wise investment, insurance, home ownership, and estate planning. Offered fall semester. No prerequisites. 3-0-3.

306. QUANTITATIVE METHODS FOR BUSINESS**3 semester hours**

Explores the use of quantitative methods for decision analysis. Topics include probability concepts, simple linear regression, multiple linear regression, and linear programming. Prerequisite: Mathematics 216. Offered fall semester. 3-0-3.

306. QUANTITATIVE METHODS FOR BUSINESS II**3 semester hours**

Explores the use of quantitative methods for decision analysis. Topics include probability concepts, simple linear regression, multiple linear regression, and analysis of variance. Offered spring semester. Prerequisite: Mathematics 216. 3-0-3.

312. FINANCIAL MANAGEMENT**3 semester hours**

Principles governing financial operations and financial management of business enterprises, profit planning, liquidity versus profitability, capital budgeting, and working capital management. Offered spring semester. Prerequisites: Accounting 214 and Economics 204. 3-0-3.

316. PRINCIPLES OF MARKETING**3 semester hours**

A comprehensive analysis of the marketing system and the marketing process. Offered fall semester. 3-0-3.

- 326. BUSINESS COMMUNICATIONS** 3 semester hours
Language skills for oral and written conversations. 3-O-3.
- 328. CAMPUS NEW YORK** 1 semester hour
New York business/career visit enables students of business to learn how textbook theory is put into practice through direct contact with some of the nation's best-known business firms. The week-long visit also provides opportunities for investigating career possibilities. Offered spring semester. Lecture/Travel 1.
- 328. CAMPUS LONDON** 1 semester hour
London business/career visit enables students of business to learn how textbook theory is put into practice through direct contact with some of London's best-known business firms. Offered in spring semester. Lecture/Travel 1.
- 420. INTERSHIP IN BUSINESS** 1 to 6 semester hours
Prerequisite: junior standing and department approval.
- 430. SENIOR SEMINAR IN BUSINESS:
BUSINESS POLICY** 3 semester hours
A case study approach designed to apply to areas of management, accounting, finance, and economics to contemporary business problems. Prerequisite: senior standing. Offered spring semester. 3-O-3.
- 495, 496. INDEPENDENT STUDY** 3 semester hours each semester
Supervised study program in a field of special interest. Prerequisite: approval of department chair and instructor. 1-Independent Study-3, 1-Independent Study-3.

Management

- 316. APPLIED MANAGEMENT CONCEPTS** 3 semester hours
A systems approach to integration of theory and practice in the contemporary organization. Offered fall semester. 3-O-3.
- 320. INTRODUCTION TO WORD PROCESSING** 3 semester hours
Offered fall semester. 3-O-3.
- 321. ADVANCED APPLICATIONS (WORD PROCESSING II)** 3 semester hours
Advanced concepts of document preparation and management of the word processing center. Offered spring semester. Prerequisite: Management 320. 3-O-3.
- 330. INDUSTRIAL SUPERVISION** 3 semester hours
Explores the process and techniques of accomplishing organizational objectives through others. Topics include effective use of praise and rewards, effective discipline, leadership, use of feedback, behavior modification, and human relations. Offered spring semester. 3-O-3.
- 400. HUMAN RESOURCE MANAGEMENT** 3 semester hours
Principles and practices regarding the recruitment, selection, development, evaluation, compensation, and proper recognition of employees within organizations. Offered spring semester. Prerequisite: Management 316. 3-O-3.
- 403. HUMAN BEHAVIOR IN ORGANIZATIONS** 3 semester hours
The application of human behavior principles common to many types of organizations, specifically, business and industry. Motivation, leadership, followership, and human problems are analyzed. 3-O-3.

415. SMALL BUSINESS MANAGEMENT**3 semester hours**

A practical course designed to familiarize the student with the application of economic and managerial techniques of the small business. These techniques include entrepreneurship, location analysis, forms of ownership, financing alternatives, accounting practice, marketing and advertising techniques, and inventory control. 3-0-3.

416. PRODUCTION AND OPERATIONS MANAGEMENT**3 semester hours**

Explores the management concerns of cost, quality, and quantity in the production systems of manufacturing companies, material requirements, planning, break-even charts, plant location, present worth analysis, safety, job enrichment, and sequential sampling. Offered spring semester. Prerequisite: Business Administration 305 and Management 315. 3-0-3.

418. ADMINISTRATIVE MANAGEMENT**3 semester hours**

Designed for students pursuing careers as managers in retailing or service industries. Topics covered include design and management of automated and traditional office systems, management information systems, records retention and disposal. Offered fall semester. Prerequisite: Management 315. 3-0-3.

422. MARKETING MANAGEMENT**3 semester hours**

An advanced course in marketing which addresses marketing research, policy and strategic decision-making, pricing, forecasting, and distribution channels. Offered spring semester. Prerequisite: Business Administration 318 and Mathematics 215. 3-0-3.

425. ADVANCED BUSINESS COMMUNICATIONS**3 semester hours**

Emphasis on business analysis, report writing, formal and informal presentations, public relations, and internal and external communications. Offered spring semester. Prerequisite: Business Administration 325. 3-0-3.

430. LOGISTICS**3 semester hours**

Examines the coordination of materials, personnel, and machines to achieve cost-effective production. Advanced coverage of resource planning and inventory control. Offered fall semester of even-numbered years. Prerequisite: Business Administration 325. 3-0-3.

431. MANAGERIAL CONTROL PROCESSES**3 semester hours**

Examines the use of responsibility centers, budgets, standards, feedback, and control over the production process. Offered spring semester of odd-numbered years. 3-0-3.

435. INTERNATIONAL MANAGEMENT**3 semester hours**

Explores the development of sound decision-making and problem-solving competencies in the analysis of international business challenges. Cultural differences and other environmental factors receive special emphasis. Offered spring semester of even-numbered years. Prerequisite: Management 400. 3-0-3.

Management Information Systems**341. INTRODUCTION TO COMPUTER-BASED SYSTEMS****3 semester hours**

This course presents the development of management information systems from its beginning to its present-day form and future potential. The student will learn to program the computer using BASIC. 3-0-3.

**251. MICROCOMPUTER APPLICATIONS FOR
DECISION SUPPORT SYSTEMS** 3 semester hours

The use of decision support software on microcomputers—spreadsheets, database management systems, and graphics software to aid in making decisions. Prerequisite: Management Information Systems 241. 3-0-3.

302. OFFICE AUTOMATION 3 semester hours

An examination of the office as a center of business activity. Topics include operational logistics, decision support, and the impact on word processing, distributed processing, and teleprocessing. Offered spring semester. Prerequisite: Management Information Systems 241 or permission of instructor. 3-0-3.

313. ACCOUNTING INFORMATION SYSTEMS 3 semester hours

A course designed to introduce the student to accounting systems design in a computer environment. Offered spring semester. Prerequisite: Accounting 214 and Management Information Systems 241. 3-0-3.

351. RPG PROGRAMMING 3 semester hours

An introduction to programming principles using RPG. Offered fall semester. Prerequisite: Management Information Systems 251. 3-0-3.

352. PRINCIPLES OF PROGRAMMING WITH COBOL 3 semester hours

Computer problem-solving using COBOL as a vehicle. This is the beginning course in programming. Offered fall semester. Prerequisite: Management Information Systems 251. 3-0-3.

371. STRUCTURED SYSTEMS ANALYSIS 3 semester hours

Advanced coverage of the strategies and techniques of structured systems analysis with emphasis on structured analysis design techniques such as structured walkthroughs. Offered fall semester. Prerequisite: Management Information Systems 241. Corequisite: Management Information Systems 352. 3-0-3.

421. ADVANCED PROGRAMMING WITH RPG 3 semester hours

Advanced computer problem-solving using RPG as the vehicle. Offered spring semester. Prerequisite: Management Information Systems 351. 3-0-3.

**422. ADVANCED PROGRAMMING AND STRUCTURED
PROGRAMMING WITH COBOL** 3 semester hours

Advanced computer problem-solving using COBOL as the vehicle. Offered spring semester. Prerequisite: Management Information Systems 352. 3-0-3.

432. INFORMATION SYSTEMS PLANNING 3 semester hours

An introduction to the financial, technical, and strategic information systems process. The course will cover the development of information systems. Offered fall semester. Prerequisite: Management Information Systems 251 or 352. 3-0-3.

433. DATABASE MANAGEMENT 3 semester hours

A course emphasizing software design and programming in a database environment. Offered fall semester. Prerequisite: Management Information Systems 352. 3-0-3.

434. ADVANCED DATABASE CONCEPTS 3 semester hours

An in-depth investigation of data modeling, systems development, and database administration in a database environment. Offered spring semester of odd-numbered years. Prerequisite: Management Information Systems 433. 3-0-3.

471. APPLIED SOFTWARE DEVELOPMENT**3 semester hours**

Application systems course integrating the knowledge and capabilities gained through the other computer-related courses in the curriculum within a comprehensive system development project. Offered spring semester. Prerequisite: Management Information Systems 352 and 433 and senior status. 3-0-3.

485. TOPICS IN MANAGEMENT INFORMATION SYSTEMS**3 semester hours**

This course offers the student the chance to take electives such as Distributed Data Processing, Advanced Databases, Information Resource Management, Information System Planning, and Artificial Intelligence. Since course topics will be different the student will be able to take the course more than once. 3-0-3.

Economics**201. FREE ENTERPRISE****3 semester hours**

Explores the economic implications, history, and philosophy of the free enterprise system. For non-business and beginning business majors. Offered spring semester of even-numbered years. 3-0-3.

303. PRINCIPLES OF ECONOMICS I**3 semester hours**

Study of basic economic concepts, national income theory, money and banking, and the business cycle. 3-0-3.

204. PRINCIPLES OF ECONOMICS II**3 semester hours**

Study of microeconomic concepts, price theory, behavior of the firm, market structures, and income distribution. 3-0-3.

301. MONEY AND BANKING**3 semester hours**

Analysis of Federal Reserve System and monetary policy, the role of money in determination of national income, role and development of commercial banks, and the basic elements of international finance. Offered fall semester. 3-0-3.

303. INTERMEDIATE MICROECONOMICS I**3 semester hours**

Topics include microeconomic analysis, utility and price theory, resource allocation for optimization. Offered fall semester. Prerequisite: Economics 203 and 204. 3-0-3.

304. INTERMEDIATE MACROECONOMICS II**3 semester hours**

Topics include analysis of economic aggregates, national income and production, GNP, unemployment, and inflation, with an emphasis on economic forecasting as a basis for business planning. Offered spring semester. Prerequisite: Economics 204. 3-0-3.

311. LABOR ECONOMICS**3 semester hours**

Analysis of the labor market, unemployment, labor laws, union organization, and the theory of wages. Offered spring semester. 3-0-3.

420. INVESTMENTS**3 semester hours**

Investment goals, strategies, and policies for individual investors as examined. Offered fall semester of odd-numbered years. Prerequisite: Business Administration 372 or consent of the instructor. 3-0-3.

480. CONTEMPORARY ECONOMIC PROBLEMS**3 semester hours**

A seminar reviewing basic economic principles and examining contemporary economic problems confronting business organizations. 3-0-3.

Department of Communication Studies

Chair: Professor Stowe
 Visiting Professor: Black
 Instructor: Selph

The Department of Communication Studies includes courses in areas such as journalism, radio, television, film, drama, speech, and sign language. The student may earn a Bachelor of Arts degree in Communication Studies or an Associate of Arts degree in Sign Language Studies. The department also offers minors in Communication Studies, Dramatic Arts, and Sign Language Studies.

The purposes of the Communications major are to engender understanding, sensitivity, and competence in matters of human exchange; supportive skills and concepts from a broad spectrum of career-related courses; expertise and experience in at least four media-related fields; and productive application of the principles of effective communication as the fundamental medium in human exchange.

Communication Studies Major Requirements

The Basic Course Requirements must be satisfied by Group A. English 101 and 102 are prerequisites to all Communications courses unless exception is granted by the chair.

A major in Communication Studies requires 24 semester hours in media specialty courses (two courses in each area from four different areas—drama, film, print journalism, radio, TV). An additional 6 semester hours of Communications Internships are required. Each of these consists of approximately 200 hours of guided work experience in two media areas, approved in advance by the chair. Students are expected to acquire potential placements, and assignments are made after completion of course work in the chosen medium.

Required Minor (Nucleus)

The required minor is essential to the major and should be satisfied first. It consists of 15 semester hours: speech (Communications 280), graphics (Communications 381) or photography (Communications 270), rhetoric/grammar (Communications 383), creative writing (Communications 382) or scriptwriting (Communications 350), and theory (Communications 350).

Supportive Minor

Consult the adviser for an appropriate choice, minor or major, in another department or distributed minor.

Sign Language Studies Associate Degree Requirements

The Associate in Arts degree requires 67 semester hours, including 32 in Basic Course Requirements, 33 in Sign Language Studies courses, and 2 in Convocation.

Basic Course Requirements are as follows: English 101, 102; Religion 101, 102; Mathematics 103; Psychology 201 (or Economics 203 or Political Science 201); History 101 (or 102); Sociology 201; Art 207 (or Music 125); Physical Education 101 and another course numbered between 102 and 108; Communications 280.

Required Sign Language Studies courses are 101, 102, 103, 113, 200, 201, 202, 248, 250, 310, 360. For students who plan to earn the associate degree several of the Sign Language courses have required laboratories.

Minors Offered by the Department

The Communications minor requires 18 semester hours in Communications courses as follows: Communications 280 or Communications 341, Communications 360 or Communications 363, Communications 350 or Communications 362, plus 9 hours in two media areas.

The Dramatic Arts minor requires 18 semester hours as follows: DRA 243 plus 15 hours in Dramatic Arts. Note: Communications 341-342 cannot be used to complete the minor.

The Sign Language Studies minor requires 18 semester hours as follows: SLS 101, SLS 102, plus 12 hours in Sign Language Studies.

Description of Courses

Communications

- | | |
|--|-------------------------|
| 286. STUDENT NEWSPAPER STAFF | 1 semester hour |
| Not restricted to communication majors. Students are to carry out regular, assigned duties associated with publication of the student newspaper, 0-1-1. | |
| 326. YEARBOOK STAFF | 1 semester hour |
| Not restricted to communication majors. Students are to carry out regular, assigned duties associated with preparation of an annual. Limit: 1 hour credit per year, 0-1-1. | |
| 376. PHOTOGRAPHY (NUCLEUS) | 3 semester hours |
| Instruction in basic still photography, equipment and techniques. Student must provide his/her own 35mm camera, 2-1-3. | |

279. ADVANCED PHOTOGRAPHY**3 semester hours**

Available to students who have completed COM 270 or who have extensive experience with and technical knowledge of photography. Emphasis on composition, darkroom operations. 3-1-3.

280. SPEECH (NUCLEUS)**3 semester hours**

Instruction and practical experience in the techniques of oral delivery. 3-0-3.

311. PRINT JOURNALISM I**3 semester hours**

Introduction to the medium; exercises in three practical skills: reporting, writing, and editing the news. 3-0-3.

312. PRINT JOURNALISM II**3 semester hours**

Advanced exercises in editing and feature writing. Includes page layout, offset graphics, headline writing for space and content. AP stylebook knowledge necessary. 3-1-3.

313. BROADCAST (RADN) I**3 semester hours**

Theory and practice in the basic aspects of broadcast journalism; introduction to operations and production. 3-0-3.

314. BROADCAST (RADN) II**3 semester hours**

Advanced instruction in scripting, tape editing, commercial design, and program planning. 3-0-3.

341. DRAMA**3 semester hours**

A study of drama from its Greek origins to the contemporary theater, with emphasis on drama as literature. 3-0-3.

342. DRAMA/THEATER ARTS**3 semester hours**

A study of drama from a production-oriented perspective. Emphasis on script-character interpretation. 3-1-3.

350. TECHNIQUES OF SCRIPTWRITING (NUCLEUS)**3 semester hours**

The study and practice of scriptwriting through the media. Emphasis will be on the structure and conventions of each type of scriptwriting: screenwriting, television scripting, and playwriting. 3-1-3.

360. COMMUNICATION THEORY (NUCLEUS)**3 semester hours**

A detailed treatment of the factors involved in the exchange of ideas and information; emphasis upon philosophical bases, types of media, and research techniques. 3-0-3.

361. GRAPHIC DESIGN/PUBLICATION**3 semester hours**

Publication practices and design principles common among graphic media, including magazines, newspapers, education and advertising materials. 3-0-3.

362. CREATIVE WRITING (NUCLEUS)**3 semester hours**

Emphasizes the creative production of the poem and the short story. Prerequisite: permission of instructor. 3-0-3.

363. HISTORIC AND GRAMMAR (NUCLEUS)**3 semester hours**

Primary concern is exposition/interpretative prose and the systems which inform the process of composition. Includes grammar, usage, and composition. 3-0-3.

416 DEBORAH K. COLEMAN

[illegible]

A study of the basic elements of the television industry, including organizations, institutions, production, and finance. Also introduction to video equipment. B.O.B.

ALL INFORMATION CONTAINED HEREIN IS UNCLASSIFIED

[illegible]

Advanced instruction in production with secondary focus on sales, management, or finance. Training in the use of video equipment to produce programs. 3.0-3

Abstract

A study of fundamental elements and techniques in film production, with reference to representative motion pictures. Introduction to Screen for nonmajors. 3/2/3.

1992

1. **Introduction**

Advanced instruction in film production, with second emphasis on scriptwriting, planning, or finance. Requires at least one group-produced film. 3-0-2.

44-3881-1A (continued)

† *Journal of the American Academy of Child and Adolescent Psychiatry*, 1999; 38: 1031-1037.

Description available on request. 4891 Print Journalism; 4892 Broadcast (Radio, 4893 Drama; 4894 Broadcast TV; 4895 Film.

Disruption to the

201. APPLIED THERAPY

1. **Introduction**

Participation in college production. No more than 8 credits (3-5-1)

2004. THE FUTURE OF THE FUTURE: THE FUTURE OF THE FUTURE

1. _____

Directed theater experience for five weeks each summer, available to high school students and to college students. The workshop culminates in at least one production; dates and place are announced in the series. 3-0-3

Abstract

100

The basic techniques of movement, gesture, and facial expressions in character interpretation. 3-5-3.

14. 1986-1987

1. **Introduction**

These principles of directing productions requires experience in at least one previous production. 3-1-3.

THE STOCK MARKET

100

Practical experience in costuming, scenery construction, make-up application, and lighting. 1-0-3.

THE THEATRICAL REVOLUTION

Selected periods in the development of modern theater, representing the major changes toward modern production. 3-D-3.

References

100

Further training in performance, interpretation, and/or directing. Requires previous experience and either DHA 340 or DHA 341, 3-0-3.

Sign Language Studies

100. SIGN LANGUAGE I

3 semester hours

An introduction to American Sign Language, syntax, vocabulary and the deaf community. 3-0-3.

101. SIGN LANGUAGE II

3 semester hours

A continuation of Sign Language I with additional emphasis on conversing in ASL. Prerequisite: SLS 101. 3-0-3.

102. AMERICAN SIGN LANGUAGE III

3 semester hours

A detailed course for those interested in interpreting. Students will acquire a large repertoire of vocabulary including idioms and colloquialisms. Emphasis will be on both receptive and expressive skills and use of ASL with the deaf community. Prerequisite: SLS 102. 3-1-3.

103. SIGN-TO-VOICE LAB

1 semester hour

Students will study video tapes of signers to improve expressive skills, focusing on voice quality and register. 0-1-1.

104. PRINCIPLES OF EDUCATIONAL INTERPRETING

3 semester hours

An introduction to the unique situations of educational interpreting. Topics include applying the Code of Ethics, working as an educational team, laws applying to mainstreaming and fundamentals of tutoring and notetaking. 3-1-3.

105. ORIENTATION TO DEAFNESS

3 semester hours

An overview of deafness focusing on audiology studies, causes of deafness, education of, organizations serving, and laws pertaining to services to the deaf. 3-0-3.

106. PSYCHO-SOCIAL ASPECTS OF DEAFNESS

3 semester hours

A study of the effects of deafness on psychological development and social adjustment of hearing impaired persons. Prerequisite: Introductory Psychology or Sociology or permission of instructor. 3-0-3.

107. FUNDAMENTALS AND THEORIES OF INTERPRETATION

3 semester hours

Topics covered are ethics, comportment, client-interpreter relationship, client's linguistic competency, oral and manual interpreting, interpreting as a profession, professional organizations, state, local, and national organizations for the deaf client. 3-0-3.

108. INTERPRETING FOR SPECIAL POPULATIONS

3 semester hours

Interpreting for clients with limited language (English and Sign) competency, the deaf-blind client, the Rochester Method user, the elderly deaf client, and the physically disabled signer. Students will observe interpreting in settings such as hospitals, police stations, and through role playing and video tapes. 3-1-3.

109. SIGN IN APPLICATION

3 semester hours

Selected topics per offering, such as the role of interpretation in a religious, dramatic, or civil setting. Emphasis is upon community awareness of and interaction with the hearing impaired. 3-1-3.

566. INTERPRETING PRACTICUM

3 semester hours

Students will be required to complete a practicum schedule that will give them the opportunity to refine the skills learned in the program. With the guidance of the director, students will be placed in actual working situations. C-3-3.

Davis School of Nursing

Chair and Director of the BSN Program: Professor Carlton

Chair and Director of the ADN Program: Assistant Professor
Blackwood

Assistant to the Chair: Assistant Professor Gosselt

Assistant Professors: Moore, Stutta,

Clinical Adjunct Instructors: Cannon, Dom, Lafreche, Szumski,
Mellinger

The Davis School of Nursing offers two types of nursing programs. The lower division program provides a course of study leading to an Associate of Arts degree and the upper division program, designed for registered nurses, leads to a Bachelor of Science in Nursing degree. Both programs are accredited by the National League for Nursing. The associate degree program is also approved by the N.C. Board of Nursing.

Graduates of the Associate of Arts degree program are eligible to take the examination for licensure as a registered nurse and may also apply for entrance into the upper division Bachelor of Science in Nursing degree program. The upper division baccalaureate program prepares registered nurses to practice professional nursing in a variety of settings and provides the foundation for graduate study in nursing.

The associate degree nursing program is offered at Gardner-Webb College, Boiling Springs, North Carolina. It accommodates both boarding and commuting students.

The Bachelor of Science in Nursing program is offered at the Statesville campus located in Statesville, North Carolina, and accommodates commuting students only.

Associate of Arts Degree (ADN)

The purpose of the associate degree nursing program is twofold: (1) to prepare graduates who provide competent, safe, effective nursing care to individuals throughout the life span and (2) to prepare graduates who continue personal and professional development consistent with health care trends.

A major in nursing leading to the Associate of Arts degree has the following requirements:

(1) The Basic Course Requirements include Biology 206, 203, and 204, Psychology 201 and 206, English 101 and 102,

Sociology 201, Religion 101 or 102, and Physical Education 101 or other activity course (31 hours).

(2) The Major Course Requirements include Nursing 101, 111, 112, 102, 103, 201, 202, 203, 204, and 290 (37 hours).

Biology 203 and 204 are prerequisites or corequisites to first year nursing courses; Psychology 201 and 206 are prerequisites or corequisites to Nursing 103 and 202. Biology 206 is a pre- or corequisite to first semester second year nursing courses. All pre- or corequisites must be successfully completed before taking clinical nursing courses or the student must be enrolled in them continually throughout the semester while taking the nursing courses. If a corequisite is dropped, the student must also drop clinical nursing courses.

A nursing class is admitted once a year in the fall semester. Applicants are considered for admission to the associate degree nursing program after they have been admitted to the college. In addition to college admission requirements, program admission criteria include the following:

(1) Documentation of high school graduation or equivalent. Class rank of upper one-third preferred.

(2) Satisfactory performance (C average) in science, mathematics, and English. A grade point average of 2.0 is required on previous college work.

(3) Completion of basic high school or college chemistry with a minimum grade of C.

(4) SAT preferred, with a combined score of 750 or above.

(5) Satisfactory physical and mental health as documented on health form provided by the college.

(6) Two references required.

Individual consideration regarding admission or progression criteria may be given as circumstances warrant. The program Admissions Committee admits those applicants whom it feels can be recommended by the faculty for licensure upon graduation from the program. Eligibility for licensure includes clinical, mental, and physical competency and freedom from substance abuse and conviction of felonious actions as outlined in the North Carolina Nursing Practice Act (July, 1987). Note: All states' nursing practice acts contain similar stipulations.

Advanced Placement

Transfer credit for nursing courses or challenge examinations may be offered to those who have had previous RN or LPN nursing courses. Transfer of credit and approval to challenge nursing courses are awarded on an individual basis.

Bachelor of Science in Nursing (BSN)

The purposes of the BSN program are (1) to provide technical nurses with an entry point into professional nursing education; (2) to provide an upper division major in professional nursing; (3) to prepare a nurse generalist who can deliver professional nursing care in a variety of settings; (4) to prepare a nurse accountable to the profession and society; and (5) to provide the foundation for graduate nursing education.

Students interested in the BSN program must first apply for general admission to Gardner-Webb College and then apply for specific admission to the BSN program.

For detailed information on admission, transfer credit, and advanced placement, write or call:

Director, BSN Program
Davis School of Nursing
Post Office Box 808
Statesville, NC 28677
Phone: 704-872-3854
or 704-434-2381

Prerequisites for Admission

1. Completion of an associate or diploma nursing program consisting of the following courses:

CORE: English 101* and 102 (300)*; Religion 101 (30-4) Old Testament or 102 (30-5) New Testament; social science (6 hours); Psychology 201 and Sociology 201 recommended; Biology: Microbiology*, Anatomy and Physiology*; PE (1 hour); math (3 hours) - college algebra or higher level.

(*A grade of C or higher required.)

MAJOR: 25 semester hours minimum in nursing at ADN level through Gardner-Webb or via transfer from a state approved ADN program. Thirty-seven semester hours of college credit for diploma nursing courses may be earned through validation testing.

NOTE: 25 semester hours apply directly as basic to baccalaureate nursing courses; remaining hours are counted as lower division nursing elective hours.

Special admission status may be granted to students lacking some of the above courses.

2. N.C. RN licensure or temporary licensure.
3. One year of clinical nursing experience or recent completion of nursing program.
4. Cumulative and nursing GPA of 2.5 or by special permission.

BSN Degree Requirements (Junior - Senior Level)

The Basic Course Requirements must be satisfied by Group B. Requirements include 3 semester hours of history (chosen from History 101 (301), 102 (302), 201, 202 or 319; 3 semester hours of political science (chosen from Political Science 201 or 202 (302)); 3 semester hours of fine arts; 1 semester hour of physical education; and Religion 341.

Requirements for the Major

A nursing major requires 30 semester hours including Nursing 300, 301, 302, 401, 403, 404, 405, 408 and 3 hours of nursing electives at the 300 or 400 level.

Required Cross-Discipline Minor

The required minor includes 4 semester hours of Chemistry, Biology 303, 335, Management 403, Sociology 340, and 3 hours of statistics. A minimum of 2.0 must be earned in each course.

Advanced Placement

Credits by advanced placement may be earned for the prerequisite courses for admission to the program as well as for BSN course requirements via CLEP, NLN, ACT-PEP and departmental exams. Such credits earned will be interpreted as credits earned through Gardner-Webb College as content of these exams has been determined to be similar in content to courses offered through Gardner-Webb College. Consult the director, BSN program, for further information regarding Advanced Placement.

Special Nursing Requirements

1. Students must provide their own transportation to the clinical agencies.
2. Health form is to be updated each academic year.
3. Students must purchase their own stethoscopes, bandage scissors, pen lights, name pins, and lab coats.

Description of Courses

NL. TRANSITION TO ASSOCIATE DEGREE NURSING 1 semester hour
Designed for the Licensed Practical Nurse who has successfully challenged Nursing 101 and is pursuing the Associate of Arts degree in Nursing at Gardner-Webb College. Content includes nursing process, nursing diagnosis, teaching-learning principles and roles of the associate degree nurse, 1-0-1.

101. BASIC CONCEPTS IN NURSING**4 semester hours**

Foundational course which introduces basic nursing concepts such as human needs, the nursing process, and roles of the associate degree nurse. The student learns beginning skills used in nursing practice. Pre- or corequisites: Biology 203, Psychology 201. 4-6-5. (Full semester course)

102. NURSING CARE OF THE ADULT I**4 semester hours**

A study of health care needs of the adult with neoplastic diseases, ingestive, absorptive, elimination, metabolic, and reproductive problems. Prerequisites: Nursing 101, 102, 111, 112. Pre- or corequisites: Biology 203 and 204. 4-12-4. (Half-semester course)

103. MENTAL HEALTH NURSING**4 semester hours**

A study of the person experiencing stress or altered patterns of behavior with a major focus upon coping mechanisms, psychotherapeutic modalities, communication skills, and therapeutic relationships. Prerequisites: Nursing 101, 102, 111. 4-12-4. Pre- or corequisites: Psychology 205. (Half-semester course)

104. PHARMACOLOGICAL CONCEPTS IN NURSING**1 semester hour**

An introduction to concepts, principles, and skills utilized in the computation and administration of medications, including major classifications of drugs. 1-0-1. (Full semester course)

105. NUTRITIONAL CONCEPTS IN NURSING**2 semester hours**

An introduction to basic food groups, nutritional constituents, nutritional needs during the life span, family/community nutrition, and diet therapy. 2-0-2. (Full semester course)

106. NURSING CARE OF THE CHILDBEARING FAMILY**4 semester hours**

A study of the roles of the associate degree nurse in health care of the mother, infant, and family during the normal and high-risk childbearing cycle. Prerequisites: Nursing 101, 102, 111, 112. 4-12-4. Pre- or corequisites: Biology 203 and 204. (Half-semester course)

107. NURSING CARE OF CHILDREN**4 semester hours**

A study of health care needs of children within the family unit, utilizing a human needs theory, the nursing process, nursing roles, and principles of growth and development. Prerequisites: Nursing 101, 111, 112, 102, 201. Pre- or corequisites: Biology 206, Psychology 205. 4-12-4. (Half-semester course)

108. NURSING CARE OF THE ADULT II**4 semester hours**

A study of health care needs of the adult experiencing problems with oxygenation, mobility, and circulation, utilizing concepts of prevention, psychophysiotherapy, and rehabilitation. Prerequisites: Nursing 101, 111, 112, 102. Pre- or corequisites: Biology 206. 4-12-4. (Half-semester course)

109. NURSING CARE OF THE ADULT III**5 semester hours**

A study of health care needs of the adult experiencing complex/critical health care problems. Learning experiences are designed to aid the student in the transition from nursing student to registered nurse. Prerequisites: Nursing 101, 111, 112, 102, 106, 201, 302, 203. 5-15-5 (Half-semester course)

38. CONTEMPORARY NURSING**3 semester hours**

A study of major trends and issues, organizations, legal and ethical influences, opportunities, and responsibilities related to the profession and practice of nursing. Prerequisites: Nursing 101, 111, 112, 102, 103, 201. Pre- or corequisites: Nursing 202, 203, 204, 3-0-3. (Full semester course)

39. CONCEPTS IN PROFESSIONAL NURSING**3 semester hours**

An introductory course for transition to the role of the professional nurse. The areas covered include evolution of nursing, professional socialization, theoretical base for practice, and components of professional nursing practice. Prerequisite: approval of department, 3-0-3.

40. RESEARCH IN NURSING I**3 semester hours**

Introduces nursing research as a component of professional nursing practice. Emphasis is placed on the role of the professional nurse in interpreting research findings for applicability to nursing practice and in identifying research problems in nursing practice. Pre- or corequisite: Nursing 300, statistics, 3-0-3.

41. HEALTH ASSESSMENT**4 semester hours**

Holistic health assessment skills developed and practiced. Emphasis is on health promotion and maintenance of the individual throughout the life span. Pre- or corequisites: Nursing 300, 3-3-4.

42. COMMUNITY/MENTAL HEALTH NURSING**6 semester hours**

Concentration is on family community health nursing and family mental health nursing. Content covered includes the roles and setting of the community health nurse with families and aggregates, concepts essential to practice, health promotion/maintenance of families, and assessment of resources. Prerequisite: Sociology 340. Pre- or corequisites: Nursing 301, 302, Biology 303, 4-6-6.

43. LEADERSHIP/MANAGEMENT IN NURSING**4 semester hours**

A synthesis of leadership/management theories within community client subsystems, health care agencies and organizations. Emphasis is placed on political structures, planning, change theory, group dynamics, research, and their impact on the role of the professional nurse, 3-6-5. Prerequisites: Nursing 401, Management 403, 2-6-4.

44. HEALTH RESTORATION**4 semester hours**

Emphasis on holistic nursing across the life span for clients experiencing a critical upset or complex disruption. The roles of the professional nurse in relation to the restoration/rehabilitation process are incorporated. Prerequisites: Chemistry, Biology 235, Nursing 401, 2-6-4.

45. RESEARCH IN NURSING II**1 semester hour**

Formulation and development of a researchable clinical problem by the student. Prerequisite: Nursing 301, 0-0-1.

46. SENIOR SEMINAR**2 semester hours**

Analysis of contemporary issues related to the practice of professional nursing. Students will develop their own conceptual modes of nursing synthesizing knowledge acquired throughout the nursing program. Prerequisite: Nursing 401. Pre- or corequisites: Nursing 403, 404, 405, 3-0-2.

ELECTIVES: Offered on demand. Other electives may be added based on interest and need.

38. NURSING ELECTIVE STUDY

1 to 2 semester hours

Consists of development and implementation of a learning contract in area of student's interest. Time and credits (1-2 hours) are determined in the semester prior to the term in which the study begins. Level I, Juniors. Prerequisite: Nursing 300, O-O-1 or O-O-2.

40, 40L. NURSING ELECTIVE STUDY

1 to 4 semester hours

Development and implementation of a learning contract in area of student's interest. Time and credits (1-4 hours) are determined in the semester prior to the term in which the study begins. Level II, Seniors. Prerequisite: Nursing 300, O-O-1, O-O-2, O-O-3, O-O-4.

40L. ADVANCED NURSING RESEARCH

4 semester hours

Design and implementation of a clinical research study to answer the research question formulated and developed in N405. Prerequisite: Nursing 406, O-O-4.

40L. COMPUTERS IN NURSING

3 semester hours

Overview of application of computer knowledge to nursing. The course includes selective experiences using computers. O-O-3.

40L. COMMUNICATION

2 semester hours

Learning experiences focus on communication theory, exercises and utilizing of one's communication tapes. O-O-2.



Department of Education

Chair: Assistant Professor, Outlaw

Professors: Atkins, Sugg

Associate Professor: B. Critch

Assistant Professors: J. Hamrick, Plowden

MAJOR

Elementary Studies (B.S.)

MINOR

Professional Education

Within the framework of the liberal arts and sciences curricula, the Department of Education offers a major in Elementary Studies (K-6). A Professional Education minor is available for students majoring in Secondary Education (9-12) in the areas of English, Mathematics, Biology, Chemistry, and Social Studies; and in special subject areas (K-12): Music, Health Education, Physical Education, French, and Spanish. Successful completion of these programs fulfills the requirements for the North Carolina Class A Teaching Certificate. Courses are also available for career teachers seeking teacher renewal and for students holding a baccalaureate degree who wish to obtain teacher certification.

The courses offered in the Teacher Education Program are designed to foster in students:

- knowledge of and skills in the subject matter in the area of specialization
- the ability to use the scientific method
- attitudes and skills to excite learners' interest in and involvement with subject matter
- knowledge of the nature of the learner and the learning process
- knowledge of the role of the school in a democratic society
- knowledge of the philosophical, social, historical, and legal contexts in which professional educators operate
- knowledge of various teaching strategies, materials, instructional technologies, and methods of classroom organization
- knowledge and skills to maintain a classroom environment conducive to learning
- knowledge of various styles and the skills to vary instruction to meet learner needs

- knowledge of elements of cultural diversity and their influence upon the learner
- the skills to evaluate learning
- the skills to locate and integrate classic and contemporary scholarship pertaining to student achievement and teacher effectiveness
- the ability to use effective communication skills in classroom interaction and in consultative and collaborative relationships
- an understanding of the impact of family dynamics on learning readiness
- knowledge of the nature of a range of exceptionalities and the skills to begin to design and deliver appropriate instruction
- an understanding of the necessity for life-long professional learning

Teacher Education Committee

This committee develops and implements policy, approves curricula, and evaluates programs for the undergraduate teacher education program. It is composed of faculty members from each department offering specialty area majors and professional studies, student representatives, and school personnel including a teacher and member of support staff.

Admission to Teacher Education Program

To be admitted to the teacher education program, an undergraduate degree seeking student must meet the following requirements:

1. File declaration of intent to major or minor in Education with the Academic Advising Center.
2. Complete a minimum of 30 cumulative semester hours, with at least 12 hours earned at Gardner-Webb.
3. Have a minimum 2.50 grade point average on all college work.
4. Complete EDU 201 with a grade of C or better.
5. Obtain minimum scores required by State Board of Education on Core Batteries I (843) and II (841) of the National Teacher Examination (NTE).
6. Complete Application for Teacher Education Program, including two faculty references (see calendar listed on course schedule).
7. Obtain formal admission to the teacher education program prior to completing one-half of the professional studies sequence (excluding student teacher/internship).

Entrance into Professional Semester

The Professional Semester includes specific coursework and the 10-week student teaching experience. Before beginning student teaching, the student must meet the following requirements:

1. Submit completed application for Student Teaching during the preceding semester (see calendar listed on course schedule).
2. Maintain a 2.50 cumulative grade point average.
3. Have a grade of "C" or better in all professional studies courses.
4. Complete all requirements for the selected major. These requirements are described under the appropriate department listing.

Completion of the Teacher Education Program

Successful completion of all major requirements and the Professional Education minor, including the Professional Semester, will qualify students for certification in North Carolina and many other states.

North Carolina Certification Requirements

To be recommended for Level A certification in the state of North Carolina, a student must meet the following requirements:

1. Complete approved program of study
2. Obtain minimum scores on National Teacher Examination in (a) Professional Knowledge and (b) appropriate specialty area (see Teacher Education Handbook for minimum scores).
3. Submit completed application for certification to the Department of Education office.
4. Provide official transcripts for all college work completed at other institutions to the Department of Education office.

Certification Only Students

Individuals who hold a baccalaureate degree and wish to obtain a North Carolina Class A Teaching Certificate may apply for admission to the approved program for teacher certification. The student must meet entrance and exit requirements comparable to those required of a degree-seeking student in the approved program. A minimum of 21 hours must be taken at Gardner-Webb College to be recommended for certification by the institution.

Student Appeals

Students not meeting requirements may appeal to the Teacher Education Committee for acceptance or continuation in the program.

Requirements for B.S. Degree with Major in Elementary Studies

The Basic Course Requirements may be satisfied by Group A, B, or C. Recommended courses include Mathematics 103, Physical Education 106, and Cultural Arts 226.

A major in Elementary Studies requires 43 hours in the following courses: English Literature (8 hours in 2 different areas); Health 221, 320; Art 301, 302; Music 345, 346; Physical Education 301; Mathematics 204, 205; Social Studies Education 307; Education 302, 305, 312, and 320.

Required minor

The required minor in Professional Education consists of Mathematics Education 300; Science Education 330; Psychology 301, 303; and Education 201, 301, 325, 401, 430, 440, and 450.

Requirements for minor in Professional Education

The Professional Education minor is available for students seeking teacher certification at the secondary level (9-12) in the areas of: English, Mathematics, Biology, Chemistry, and Social Studies; and in special subject areas (9-12): Music, Health Education, Physical Education, French, and Spanish. The requirements for the minor are specified with the description of the major. Please refer to the appropriate section of the catalog.

Note: Teacher Education Programs are currently under review for state and national accreditation. Program requirements are subject to change so that programs meet accreditation standards.

Description of Courses**201. INTRODUCTION TO EDUCATION****2 semester hours**

An orientation to education for students who plan to enter the profession. Early field experience included. 2-0-2.

301. COMPUTER EDUCATION SEMINAR**1 semester hour**

A seminar in which students will develop basic computer skills; identify and evaluate software appropriate for classroom management and computer assisted instruction; examine authoring systems; and survey the software commonly used in public schools. 1-0-1

302. READING FOUNDATIONS**3 semester hours**

A course designed with emphasis on the reading process as a fundamental aspect of the entire elementary school curriculum. The focus is on theory, reading development and the methods of teaching reading and the related skills involved. Current research and practices will be examined and evaluated. Each student will be required to observe the teaching of reading in the public school classroom. 2-1-2.

- 305. LANGUAGE ARTS IN THE ELEMENTARY SCHOOL** 3 semester hours
Planning, teaching and evaluating the language arts across the curriculum, with emphasis on the creative integration of the whole language approach and effective lesson planning that addresses the needs and abilities of elementary children. 3-0-3.
- 312. PRACTICUM IN READING (K-6)** 3 semester hours
A course designed to provide experiences for the preservice teacher in the teaching of reading and diagnosing reading problems on the K-6 level. Emphasis is placed on the causes of reading disabilities, diagnostic instruments, standard and informal assessment procedures, report writing, and materials and methods of reading instruction. Work with individual students and small groups in the public school classroom. Prerequisite: EDU 302. 1-3-3.
- 314. TEACHING READING IN THE CONTENT AREAS** 3 semester hours
A course designed to give an overview of reading-development; to aid in integrating content areas and reading techniques; to study procedures of teaching specific reading and study skills; and to explore the implications of research for teaching at the secondary level. 3-0-3.
- 320. CHILDREN'S LITERATURE** 3 semester hours
A critical study of classical and current books and materials covering the selection appropriate to the K-6 level. Emphasis is on creative presentation methods designed to enhance all ability levels; includes bibliography and ownership. 3-0-3.
- 325. FOUNDATIONS AND CURRICULUM IN EDUCATION** 3 semester hours
A study of the social, cultural, philosophical, and historical influences on the development of education in the United States. Includes an introduction to the American public school curriculum. 3-0-3.
- 401. SEMINAR IN MULTICULTURAL EXPERIENCE** 1 semester hour
This seminar will provide opportunity for students to observe students from culturally diverse populations and to plan appropriate strategies for individual learning needs. 1-1-1.
- 430. METHODS OF TEACHING** 3 semester hours
The investigation and demonstration of various teaching strategies, including planning, delivering, and evaluating instruction. 3-0-3.
- 440. CLASSROOM MANAGEMENT** 3 semester hours
This course focuses on various strategies for establishing the types of classroom conditions and student behavior that provide optimal learning environments. 3-0-3.
- 460. STUDENT TEACHING** 8 semester hours
A ten-week period of full-time supervised teaching at the appropriate level.
- 495. INDEPENDENT STUDY** 1-3 semester hours
Individual study of special subject under the guidance of an instructor whose specialty is appropriate. Prerequisite: approval of department chair, instructor, and Dean of Academic Affairs.

Department of English Language and Literature

Chair: Professor J. Brown

Professors: Stone, Bonner, Gravett, Taylor

Associate Professor: Blankenship

Instructor: Koster

The objectives of the Department of English Language and Literature are to enable the student to (1) think and write maturely and follow a reading program designed toward that end, (2) study literature as an expression of the ideas and emotions of great writers, (3) enjoy life culturally and more fully as a result of literary experience, and (4) integrate study with world thought in order to comprehend and shape the contemporary scene.

The Department of English Language and Literature accepts candidates for the Bachelor of Arts degree with a major in English. The student may also major in English with preparation for secondary (9-12) teacher certification.

English Major Requirements

A major in English requires 30 semester hours of English courses after 101 and 102. Students select these courses in consultation with their advisors.

A modern foreign language at or above the 202 competency level is required. By approval of the department, a student may substitute an ancient language such as Latin or Greek for the modern language.

Required Minor

The required minor must be taken in one discipline outside the English Department.

English Major with Teacher Certification

The teacher training program in English seeks to graduate students who (1) have a broad background in literature; (2) exhibit a command of the English language in both oral and written communication; (3) possess the skills to formulate objectives, select material, use appropriate teaching strategies, and evaluate learning; and (4) realize the need for lifelong, professional learning.

English Education majors will satisfy all requirements of the core curriculum. The social science requirement must be taken from two of the following areas: anthropology, economics, geography, political science or sociology. The natural science requirement must be fulfilled by taking Biology 101 and one of the following: Chemistry 103, Geology 101, Physics 103 or 201. A major in English with preparation for secondary (9-12) teacher certification requires 30 semester hours of English courses after 101 and 102. The courses must include English 344, 363, 366 and 402.

Required Minor

The required minor consists of Education 201, 301, 325, 440, 450, and English Education 432.

Required Cross-Discipline Courses

Psychology 302, 303 and Health Education 221.

English Minor Requirements

A minor in English consists of 15 semester hours in English above the freshman level.

Description of Courses**English**

- | | |
|---|-------------------------|
| 100. DEVELOPMENTAL ENGLISH | 3 semester hours |
| Individual instruction in the mastery of the basics of English. 3-1-3. | |
| 101. COMPOSITION | 3 semester hours |
| Introduction to expository writing by process method. Grammar and mechanics as needed. Selected readings. 3-0-3. | |
| *101 HN COMPOSITION | 3 semester hours |
| Composition for Honors students. 3-0-3. | |
| 102. COMPOSITION II | 3 semester hours |
| Continuation of process writing with emphasis on argumentation, essay examinations and research skills. Selected readings. English 101 is prerequisite to 102. Both 101 and 102 are prerequisite to all upper-level English courses. 3-0-3. | |
| *102 HN COMPOSITION | 3 semester hours |
| Composition for Honors students. 3-0-3. | |
| 230. ENGLISH LITERATURE SURVEY I | 3 semester hours |
| Representative writers from the beginning to the eighteenth century. 3-0-3. | |
| 231. ENGLISH LITERATURE SURVEY II | 3 semester hours |
| Representative writers from the eighteenth century to the present. 3-0-3. | |
| 232. AMERICAN LITERATURE SURVEY | 3 semester hours |
| Representative writers from the beginning to the present. 3-0-3. | |
| 235. SOUTHERN LITERATURE | 3 semester hours |
| A study of selected works from Southern writers between William Byrd and Robert Penn Warren, including Edgar Allan Poe, Booker T. Washington, William Sidney Porter, Eudora Welty, Carson McCullers, Flannery O'Connor and William Faulkner. 3-0-3. | |
| 244. WORLD LITERATURE | 3 semester hours |
| Masterpieces of world literature, excluding English and American; includes ancient and modern. 3-0-3. | |
| 301. STUDIES IN FOLKLORE | 3 semester hours |
| An introductory course emphasizing verbal folklore such as folktales, legends, ballads and proverbs. Focus may be regional, general or literary as interests dictate. 3-0-3. | |
| 306. LITERATURE OF THE AMERICAN RENAISSANCE | 3 semester hours |
| The age of Irving, Poe, Hawthorne, Melville, Emerson, Thoreau. 3-0-3. | |
| 307. LATE NINETEENTH CENTURY AMERICAN LITERATURE | 3 semester hours |
| Poetry, fiction and other prose of such writers as Mark Twain, Emily Dickinson, Stephen Crane and Henry James. 3-0-3. | |

- 309. TWENTIETH CENTURY BRITISH LITERATURE** 3 semester hours
A study of the works of modern British writers such as James Joyce, D.H. Lawrence, J.R.R. Tolkien, Dylan Thomas and Graham Greene. 3-0-3.
- 309. TWENTIETH CENTURY AMERICAN LITERATURE** 3 semester hours
A study of the works of representative modern writers such as Ernest Hemingway, William Faulkner, Robert Frost, T.S. Eliot, and Saul Bellow. 3-0-3.
- 310.320. STUDIES IN THE AMERICAN NOVEL I AND II** 3 semester hours each semester
An investigation of the American novel by periods, authors, or topics as determined by the professor. 3-0-3, 3-0-3.
- 311. MEDIEVAL LITERATURE** 3 semester hours
A study of Beowulf and other Anglo-Saxon achievements, medieval drama, romance, poetry and Chaucer. 3-0-3.
- 315. LITERATURE OF THE ENGLISH RENAISSANCE** 3 semester hours
Poetry, drama and selected prose of Shakespeare's contemporaries. 3-0-3.
- 316. THE AGE OF MILTON** 3 semester hours
Major poets and selected prose, with emphasis on Paradise Lost. 3-0-3.
- 318. RESTORATION AND EIGHTEENTH CENTURY LITERATURE** 3 semester hours
Selected poetry, essays and drama; includes Pope, Swift, Johnson, Goldsmith. 3-0-3.
- 321. ROMANTIC LITERATURE** 3 semester hours
Major poetry of Blake, Wordsworth, Coleridge, Byron, Keats, Shelley, others; selected prose. 3-0-3.
- 322. VICTORIAN LITERATURE** 3 semester hours
Poetry of Browning, Tennyson, Arnold, others; selected prose. 3-0-3.
- 343. STUDIES IN THE BRITISH NOVEL** 3 semester hours
The British Novel taught by periods, themes or authors. 3-0-3.
- 363. DEVELOPMENT AND STRUCTURE OF THE ENGLISH LANGUAGE** 3 semester hours
Theories of language and its development. Includes etymology, phonology, morphology, and dialects. 3-0-3.
- 365. ADVANCED COMPOSITION** 3 semester hours
Intensive practice in and analysis of expository writing with emphasis on process, structure, style, and maturity of expression. 3-0-3.
- 367. CREATIVE WRITING** 3 semester hours
Creative production of the poem and the short story. Prerequisite: permission of the instructor. 3-0-3.
- 383. RHETORIC AND GRAMMAR, THEORY AND PRACTICE** 3 semester hours
Expository/argumentative prose and the systems which inform the process of composition. 3-0-3.
- 395. TRAVEL IN THE UNITED STATES** 1 semester hour
Travel to places of literary interest in the United States. May include tours to literary landmarks in New England, the South and other areas deemed appropriate by the professor. Requires a written report assigned by the instructor/guide. Lecture-Travel-1.
- 396. TRAVEL IN GREAT BRITAIN** 1 semester hour
A visit during Spring Break to places of literary significance in Great Britain, including London, Stratford and/or Scotland. Requires a written report assigned by the instructor/guide. Lecture-Travel-1.
- 402. SHAKESPEARE** 3 semester hours
A study of representative plays and poetry. 3-0-3.

- 491. SEMINAR IN AMERICAN LITERATURE*** 3 semester hours
Special topics as chosen by the professor. Typical topics: Contemporary Jewish Writers, Naturalism, American Political Novel, Women in Literature. 3-0-3.
- 492. SEMINAR IN ENGLISH LITERATURE*** 3 semester hours
Special topics as chosen by the professor. 3-0-3.
- 495, 496. INDEPENDENT STUDY** 3 semester hours each semester
Individual study of special subject matter under guidance of instructor in whose specialization topic lies. Application subject to departmental and Dean approval. 0-Independent Study-3, 0-Independent Study-3.

*A student may take no more than two seminars without department approval.

English Education

- 432. METHODS OF TEACHING ENGLISH** 3 semester hours
Instruction in the techniques of and the materials for teaching English in grades 9-12. Supervised field experience required. 3-0-3.

Department of Fine Arts

Chair: Professor G. Cribb
Professors: Billings, Fern, Perrin
Visiting Professor: Brook
Associate Professors: Q. Summers, Plate
Assistant Professors: Hamilton, Bell
Part-time Instructors: Bennett, Gregg

The Department of Fine Arts offers courses in art, music and theatre arts. Its objectives are to (1) stimulate a greater interest in and knowledge of the arts for music majors, general students and members of the larger community by offering performance and learning opportunities, (2) provide opportunities to participate in the development of imagery, auditory acuity, technical skills and aesthetic appreciation to the extent of individual abilities and (3) develop a set of values for discriminatory choices based on knowledge and personal aesthetic experience.

Gardner-Webb College is an accredited institutional member of the National Association of Schools of Music.

Three majors in music are offered: Music Education, Sacred Music and a liberal arts major in Music with options in Sacred Music/Religion, Sacred Music/Church Recreation, Performance, Composition and Research (Treaties). Each of the three majors leads to the Bachelor of Arts degree.

Music Education, Sacred Music and Music Major Requirements

Each of three majors has the following requirements:

The Basic Course Requirements are satisfied by Group A. The fine arts requirements must be met by Cultural Arts 226.

Students majoring in Music Education must satisfy the physical education requirement by taking Physical Education 101 and 108 and the social science requirement by taking Sociology 201 or 320 and History 202 or Political Science 202.

Students majoring in Sacred Music must meet the social science requirement by taking 6 hours in psychology selected from 201, 206, 301, 302, 303, 310 or 374.

A major in Music Education, Sacred Music or Music requires 30 semester hours of music as follows: Applied Major, 12 hours; Music 105, 106, 206, 208, 306, 308.

Supportive Requirements

(1) Music Education major-Applied Minor, 4 hours; Music 245, 246, 325, 326, 347, 348, 445, 446, 447; 2 hours from 348, 455, 457 or 459 to correspond to the applied major; and one of the following: Vocal Concentration-257, 258; Keyboard Concentration-255, 256; Band/Orchestra Concentration-247, 248. 24 hours.

(2) Sacred Music major-Applied Minor, 8-8 hours; Music 245, 246, 248, 325, 326, 347, 348, 445, 446, 447, 455, 456, 457; 2 hours from 348, 455, 457 or 459 to correspond to the applied major; and one of the following: Vocal Concentration-257, 258; Keyboard Concentration-255, 256; Band/Orchestra Concentration-247, 248. 36-38 hours.

(3) Music major (Concentration in Sacred Music/Religion and Sacred Music/Church Recreation)-Applied Minor, 6-8 hours; Music 325, 326, 347, 348, 445, 446, 447, 457 or 2 hours of applied voice, 455, 456, 457 and 2 hours from 348, 455, 457 or 459 to correspond to the applied major; and one of the following: Vocal Concentration-257, 258; Keyboard Concentration-255, 256; Band/Orchestra Concentration-247, 248. 36-37 hours.

(4) Music major (Concentrations in Performance, Composition, Treatise and Music Majors with Second Major)-Applied Minor, 4 hours; Music 325, 326, 445, 446, 447 and 2 hours from 348, 455, 457 or 459 to correspond to the applied major; and one of the following: Vocal Concentration-257, 258; Keyboard Concentration-255, 256; Band/Orchestra-247, 248. 18 hours.

Required Minor

- (1) Music Education major-Education 316, 325, 440 and 450. 15 semester hours.
- (2) Sacred Music major-Religion 101, 102, 243; Psychology 201; and Religious Education 371 or 372 or 373. 15 semester hours.
- (3) Music major (Concentration in Sacred Music/Religion)-Religious Education 270, 371, 372 (or 373), 376, 480. 15 semester hours.
- (4) Music major (Concentration in Sacred Music/Church Recreation)-Recreation 310, 311, 312, 407 (or 408), 450. 15 semester hours.
- (5) Music major (Concentrations in Performance, Composition, Treatise and Music Majors with Second Major)-15 semester hours in courses from the same department not directly related to the major.

Additional Requirements

- (1) Music Education major-Health 221; Psychology 303 and either 200, 301 or 302; English 15 hours-3 each in American and English literature; 7 hours of Performance Group participation. 21 semester hours.
- (2) Sacred Music major-One of the following: Keyboard/Instrumental emphasis-Music 457 or 2 hours of voice; Vocal emphasis-Music 176/376 and one hour of performance elective; 8 hours of Performance Group participation. 10 semester hours.
- (3) Music major (Concentration in Sacred Music/Religion and Sacred Music/Church Recreation)-Religion 243; Psychology 374 (non-keyboard instrumental majors substitute Music 343); 8 hours of Performance Group participation. 14 semester hours.
- (4) Music major (Concentration in Performance)-6 hours of Applied Major (culminating in a Junior Recital of at least one-half hour in length; and a Senior Recital one full hour in length). In addition, the student will prepare a 20 minute qualifying recital during the sophomore year for admission to junior status in this concentration; 8 hours of Performance Group participation. 14 semester hours.
- (5) Music major (Concentration in Research-Treatise option)-Music 483, 494; 8 hours of Performance Group participation. 20 semester hours.
- (6) Music major (Concentration in Composition)-Music 307, 308, 491, 492; 8 hours of Performance Group participation. 20 semester hours.

A complete curriculum outline for each degree program is available in the office of the Chairman, Department of Fine Arts.

Piano Proficiency Examination. Each music major is required to pass a piano proficiency examination as an integral part of the overall degree requirements. Four semester hours (one hour each for four semesters)

of an applied minor have been set aside in each curriculum for this purpose for the student whose performance major is not piano. Should a student not achieve the desired proficiency at the end of four semesters, continuous enrollment in piano for credit is required until such proficiency is achieved. Information is available from the chairman of the Department of Fine Arts as to the specific requirements of the piano proficiency examination, both for the student whose applied major is piano and for those whose applied major is another area.

No student will be permitted to enroll in the professional semester of education courses for teacher certification until this proficiency is met.

Performance Requirement. Each music major is required to satisfactorily participate in a performing group each fall and spring semester while enrolled as a full-time student, except the student teaching semester. A minimum of four semesters of satisfactory participation in a performing organization is required for part-time students. A student who requires more than eight semesters to complete a program may make a written request to his/her advisor for exemption from participation in a performance group after ten hours of performance organization credit have been acquired.

Students concentrating in any area of Sacred should be aware of the following:

While participation in a performance group is required each semester of full-time enrollment, at least four semesters must be in a choral organization.

The applied minor in the supportive studies required 6-8 semester hours. These are to be elected as follows: for organ majors-4 hours of voice and 2 hours of piano, or 6 hours of voice; for piano majors-4 hours of voice and 2 hours of organ; for voice majors-4 hours of piano and 2 hours of any applied elective; for non-keyboard instrumental majors-4 hours of voice and 4 hours of piano (or any applied elective after piano proficiency is passed).

Application is to be made with the Department of Fine Arts for admission to Church Music Administration and Field Work in Sacred Music courses. To be admitted, the student must be recommended by the department; have exhibited good Christian character and citizenship; be in good standing academically according to the College retention policy; and have demonstrated genuine interest in the field of church music.

Minors Offered by the Department

A minor in Art requires Art 207 in the Basic Course Requirements and 18 additional semester hours including Art 201, 203, 205 and 9 hours elective.

A minor in Music requires Music 125 in the Basic Course Requirements and 18 additional semester hours including Music 105, 106, 4 semesters of a performing organization (4 hours) and 6 hours of applied music and/or conducting. Four hours of applied music must be in the same area.

Description of Courses

Art

201, 202. INTRODUCTORY STUDIO**ART I, II****3 semester hours each semester**

Beginning experiences in design and drawing fundamentals in black and white studying landscape, still life and figure. 0-6-3, 0-6-3.

203, 204. COLOR THEORY AND**PRACTICE I, II****3 semester hours each semester**

Instruction in various media, including watercolor, pencil and acrylics. Prerequisite: Art 201 or permission of instructor. 0-6-3, 0-6-3.

205. THREE DIMENSIONAL DESIGN**3 semester hours**

Introduction to clay, fiber, printing, sculpture, sculpture. Helpful to students in Recreation and Christian Education. No prerequisite. 0-6-3.

207. ART APPRECIATION**3 semester hours**

Introduction to art theory, practice, and history to develop appreciation and understanding of the visual arts. 3-0-3.

210. CALLIGRAPHY**1 semester hour**

Historical perspective and instruction in the major styles, including Old English and Italic. No prerequisite. 0-2-1.

301. ART EDUCATION LAB**1 semester hour**

A laboratory designed for the prospective elementary teacher. Coerequisite: Art 302. 0-2-1.

302. ART FOR THE CLASSROOM TEACHER**3 semester hours**

Experiences with art materials and teaching strategies appropriate for use with children. Coquisite: Art 301. 1-4-3.

303, 304. WORKING IN CLAY I, II**3 semester hours each semester**

Instruction in slab, coil and wheel-thrown pottery and free form clay sculpture. No prerequisite. 0-6-3, 0-6-3.

305. CHRISTIANITY AND ART**2 semester hours**

Survey of major religious art works and their meaning and contemporary significance for the individual and the church. No prerequisite. 3-0-3.

306. IMPRESSIONISTIC PAINTERS**2 semester hours**

Survey of eighteenth century art centered on the Impressionists, such as Monet, Degas, Van Gogh, Cezanne. No prerequisite. 3-0-3.

308. ART HISTORY**3 semester hours**

A seminar in art history geared to the interests of the students. Prerequisite: Art 307. 3-0-3.

311, 312. ADVANCED STUDIO ART I, II**3 semester hours each semester**

Continued in depth experiences in selected media. 0-6-3, 0-6-3.

480, 490. INDEPENDENT STUDY**3-semester hours each semester**

Student selects individual problems in art education, studio, and history, subject to the approval of the professor. 0-Independent Study-0, 0-Independent Study-0.

Cultural Arts**305. CULTURAL ARTS SURVEY****3-semester hours**

A survey course including a knowledge of the basic concepts, history, relationships between, and the analysis of performances in art, dance and music. Consent attendance will be required. Required of all students seeking any type of teacher certification. 0-0-0.

Music

Courses are offered in the field of music to train the student in the essentials of musicianship; to guide the student in the integration of the art of music with the art of living; to coordinate the musical activities of the student in order that both sacred and secular music may be maintained at a high standard of quality; and to prepare the student for graduate or professional training, a teaching career, or the ministry of music in churches.

Key to numbering of courses in Music:

The first digit denotes the level of study: 0-Preparatory; 1-Freshman; 2-Sophomore; 3-Junior; 4-Senior. The second digit identifies the area of study: 0-Music Theory; 2-Music History and Literature; 4 and 5-Music Education; 6-Sacred Music; 7 and 8-Performance Groups. The third digit designates the semester in which the course is usually offered: odd numbers for the fall semester and even numbers for the spring semester. However, there are some courses that are offered each semester.

In addition, the second digit for all applied music course numbers signifies the medium of performance: 0-Piano; 1-Voice; 2-Organ; 3-Bass; 4-Woodwinds; 5-Strings; 6-Percussion; 7-Guitar. The third digit indicates the amount of credit earned in applied music: one hour credit if the course number ends in 1; two hours credit if the course number ends in 2; three hours credit if the course number ends in 3; four hours credit if the course number ends in 4.

Applied Music**Piano:**

- 001, Elective Piano, 1/2 - 0 - 0.
- 002, Elective Piano, 1 - 0 - 0.
- 101, Lower Division Piano, 1/2 - 0 - 1.
- 102, Lower Division Piano, 1 - 0 - 2.
- 301, Upper Division Piano, 1/2 - 0 - 1.
- 302, Upper Division Piano, 1 - 0 - 2.
- 303, Upper Division Piano, 1-1/2 - 0 - 3.
- 304, Upper Division Piano, 2 - 1/2 - 4.

Woodwinds:

- 041, Elective Woodwinds, 1/2 - 0 - 0.
- 042, Elective Woodwinds, 1 - 0 - 0.
- 141, Lower Division Woodwinds, 1/2 - 0 - 1.
- 142, Lower Division Woodwinds, 1 - 0 - 2.
- 341, Upper Division Woodwinds, 1/2 - 0 - 1.
- 342, Upper Division Woodwinds, 1 - 0 - 2.
- 343, Upper Division Woodwinds, 1-1/2 - 0 - 3.
- 344, Upper Division Woodwinds, 2 - 1/2 - 4.

Voice:

- 012, Elective Voice, 1 - 6 - 0.
- 111, Lower Division Voice, 1/2 - 3 - 1.
- 112, Lower Division Voice, 1 - 6 - 2.
- 211, Upper Division Voice, 1/2 - 3 - 1.
- 212, Upper Division Voice, 1 - 6 - 2.
- 213, Upper Division Voice, 1-1/2 - 3 - 3.
- 214, Upper Division Voice, 2 - 12 - 4.

Organ:

- 001, Elective Organ, 1/2 - 3 - 0.
- 002, Elective Organ, 1 - 6 - 0.
- 121, Lower Division Organ, 1/2 - 3 - 1.
- 122, Lower Division Organ, 1 - 6 - 2.
- 221, Upper Division Organ, 1/2 - 3 - 1.
- 222, Upper Division Organ, 1 - 6 - 2.
- 223, Upper Division Organ, 1-1/2 - 3 - 3.
- 224, Upper Division Organ, 2 - 12 - 4.

Bass:

- 001, Elective Bass, 1/2 - 3 - 0.
- 002, Elective Bass, 1 - 6 - 0.
- 131, Lower Division Bass, 1/2 - 3 - 1.
- 132, Lower Division Bass, 1 - 6 - 2.
- 231, Upper Division Bass, 1/2 - 3 - 1.
- 232, Upper Division Bass, 1 - 6 - 2.
- 233, Upper Division Bass, 1-1/2 - 3 - 3.
- 234, Upper Division Bass, 2 - 12 - 4.

Strings:

- 001, Elective Strings, 1/2 - 3 - 0.
- 002, Elective Strings, 1 - 6 - 0.
- 101, Lower Division Strings, 1/2 - 3 - 1.
- 102, Lower Division Strings, 1 - 6 - 2.
- 201, Upper Division Strings, 1/2 - 3 - 1.
- 202, Upper Division Strings, 1 - 6 - 2.
- 203, Upper Division Strings, 1-1/2 - 3 - 3.
- 204, Upper Division Strings, 2 - 12 - 4.

Percussion:

- 001, Elective Percussion, 1/2 - 3 - 0.
- 002, Elective Percussion, 1 - 6 - 0.
- 101, Lower Division Percussion, 1/2 - 3 - 1.
- 102, Lower Division Percussion, 1 - 6 - 2.
- 201, Upper Division Percussion, 1/2 - 3 - 1.
- 202, Upper Division Percussion, 1 - 6 - 2.
- 203, Upper Division Percussion, 1-1/2 - 3 - 3.
- 204, Upper Division Percussion, 2 - 12 - 4.

Guitar:

- 001, Elective Guitar, 1/2 - 3 - 0.
- 002, Elective Guitar, 1 - 6 - 0.
- 101, Lower Division Guitar, 1/2 - 3 - 1.
- 102, Lower Division Guitar, 1 - 6 - 2.
- 201, Upper Division Guitar, 1/2 - 3 - 1.
- 202, Upper Division Guitar, 1 - 6 - 2.
- 203, Upper Division Guitar, 1-1/2 - 3 - 3.
- 204, Upper Division Guitar, 2 - 12 - 4.

Music Theory

103, 104, BASIC MUSIC THEORY

1 semester hour each semester

Introduces basic skills of reading music—pitch, notation, scales, intervals, note values, time signatures, meter, sight singing, rhythmic drills, and rudimentary keyboard skills. Designed for those with little or no previous experience on a keyboard instrument or in music reading skills. 1-1-1, 1-1-1.

105, 106, MUSIC THEORY I AND II

4 semester hours each semester

Introduces primary and secondary triads, four-part writing procedures with audible ear training, sight singing, and keyboard assignments. Covers various aspects of musical form such as melody, tension and relaxation, and phrase structures through simple part forms. Prerequisite: permission of instructor. 3-2-4, 3-2-4.

205, MUSIC THEORY III

3 semester hours

The integrated study of chromatic harmony and modulation to all keys. A continuation of areas begun in first year theory with additional emphasis on analysis and composition in smaller forms. 2-2-2.

206, MUSIC THEORY IV

3 semester hours

A survey of modern trends and thought from Post-Romanticism to the present, including electronic music. Includes ear training, analysis, and composition in each style studied. 2-2-2.

306. COUNTERPOINT**2 semester hours**

Further examination of linear writing and combination of contrapuntal voices in the Renaissance and Baroque periods. Composition and analysis are required in period. 3-0-3.

308. ORCHESTRATION**2 semester hours**

A basic course in writing and arranging for band and orchestral instruments. Includes a study of the characteristics of most woodwind, brass, string, and percussion instruments with an emphasis on problems for beginner and intermediate players; writing for various combinations of instruments in family and heterogeneous groups; score writing; and some insights into writing for full band and orchestra. 3-0-3.

303, 309. COMPOSITION I AND II**3 semester hours each semester**

Individual instruction in traditional and modern compositional techniques. Students will be required to create original compositions under the guidance of the instructor. When possible, performance of student compositions will be arranged. O-Tutorial-3; O-Tutorial-3.

Music History and Literature**126. MUSIC APPRECIATION****3 semester hours**

A course in the elements of music and music literature for the non-music major, with special emphasis on listening and the ability to recognize themes from various compositions. Some concert attendance will be required. 3-0-3.

326, 328. MUSIC HISTORY I AND II**3 semester hours each semester**

A study of the history of Western music, from its beginnings through the contemporary period. 3-0-3, 3-0-3.

Music Education**143, 145. PIANO CLASS I AND II****1 semester hour each semester**

Group instruction of piano for beginning students. Materials appropriate for accompanying, improvisation, sight-reading, and transposition are included. 2-3-1, 2-3-1.

147, 149. VOICE CLASS I AND II**1 semester hour each semester**

Two semesters of progressive study designed for the student desiring a basic knowledge of voice production in speech and song. Special fee. 2-3-1, 2-3-1.

149, 150. GUITAR CLASS I AND II**1 semester hour each semester**

Group instruction for beginning and intermediate students of guitar. Chordal accompaniments to folk songs, hymns, and popular standards will be stressed. Special fee. 2-3-1, 2-3-1.

246. BRASS AND PERCUSSION CLASS**1 semester hour**

Elementary instruction in the techniques of playing instruments in the brass and percussion families. 2-1-1.

248. STRINGS AND WOODWINDS CLASS**1 semester hour**

Elementary instruction in the techniques of playing instruments in the string and woodwind families. 2-1-1.

- 343. MUSIC INSTRUMENT REPAIR** 1 semester hour
A course designed to give a student the ability to perform simple repairs on woodwind, brass, percussion and string instruments. 1-0-1.
- 346. MARCHING BAND TECHNIQUES** 1 semester hour
Marching styles, problems of teaching marching, plotting halftime shows, and instruction in contest and parade participation. 1-0-1.
- 349. HANDBELLS** 1 semester hour
Elementary techniques of playing handbells and of conducting handbell ensembles. Open to all students who have had one year of music theory or its equivalent. 2-1-1.
- 353. INTRODUCTION TO ACCOMPANYING** 1 semester hour
Introduction to vocal, choral, and instrumental accompaniment, including technical and musical instruction. Each student will accompany one performer during the semester. 1-1-1.
- 356. ACCOMPANYING** 1 semester hour
Students will accompany one hour lesson per week. Rehearsal time outside lessons will not exceed one hour per week. Prerequisite: Music 255. 0-2-1.
- 357. VOICE Diction** 1 semester hour
A survey guide to the diction of English, Italian, Ecclesiastical Latin, French and German with emphasis on practical exercises as they apply to vocal solo and choral music. 1-1-1.
- 358. CHORAL LITERATURE** 1 semester hour
A historical survey of choral literature with emphasis on works that can be performed with junior high, high school, and church youth and adult choirs. 2-0-1.
- 365. MUSIC EDUCATION SKILLS** 1 semester hour
Provides background in theory and instrumental skills for classroom teachers. No previous experience necessary. Includes piano, auxiliary chording, conducting, singing, fundamentals, and recorder. 3-1-1.
- 368. MUSIC FOR THE CLASSROOM TEACHER** 2 semester hours
Practical application of skills acquired in Music 345. Examination of broad music series and other music teaching methods. Expanded experience with instruments and actual teaching experience in local schools are included. Prerequisite: Music 345 or demonstration of proficiency. 3-0-3.
- 371. ELEMENTARY MUSIC EDUCATION** 2 semester hours
Materials and methods for music specialists. Teaching and supervision of music programs for elementary schools, based on developmental knowledge of music concepts through musical activities. 2-0-2.
- 368. SECONDARY MUSIC EDUCATION** 2 semester hours
Materials and methods for the development of music programs for junior and senior high schools, including discipline, curriculum, budgeting, techniques for general music, instrumental and vocal classes, and job placement. 2-0-2.

- 349. INSTRUMENTAL METHODS AND LITERATURE** 2 semester hours
The teaching and supervision of music as it relates to the junior and senior high school instrumental programs. Included is preparation for contests and public performances, recruitment of instrumentalists, their literature and pedagogical techniques for beginning instrumentalists. 3-0-2.
- 446. CONDUCTING FUNDAMENTALS** 1 semester hour
Prerequisite: Music 106-108, or equivalent. 1-1-1.
- 448. CHORAL CONDUCTING** 2 semester hours
Conducting and choral rehearsal techniques appropriate to school and church choral groups, emphasizing student conducting experience. Prerequisite: Music 446. 2-0-2.
- 447. INSTRUMENTAL CONDUCTING** 1 semester hour
Conducting patterns and techniques as applied to various combinations of instruments from small ensemble to symphonic band and orchestra. Instrumental performing groups will serve as laboratory groups. Prerequisite: Music 446. 1-0-1.
- 449. PIANO PEDAGOGY** 2 semester hours
Methods and materials appropriate for private and group instruction of children or adults from beginners to intermediate level. (Each student will teach one beginning piano student under supervision. 2-1/2-2).
- 457. VOCAL PEDAGOGY** 2 semester hours
A study of methods and materials for the teaching of private and class voice. Supervision of class participants in required teaching of private voice lessons. 2-1-2.
- 458. ORGAN PEDAGOGY** 2 semester hours
A comprehensive survey of organ literature, the history of organ construction and development, and a study of the basic principles of private organ instruction. 2-0-2.

Sacred Music

- 466. HYMNODOGY** 2 semester hours
A study of church history and congregational worship music from A.D. 700 through the contemporary period. Offered in the fall of even years. 2-0-2.
- 468. CHURCH MUSIC ADMINISTRATION** 3 semester hours
Practical study of organization and administration of a church music ministry emphasizing the minister of music's role as minister, church staff member, educator, promoter, and administrator. Offered in the fall of odd years. 3-0-3.
- 467. CHURCH MUSIC SEMINAR AND FIELD WORK** 3 semester hours
Philosophy, observation and participation in the administration of a church music program. May be taken only concurrently with or after completing Music 468. Offered in the fall of odd years. 1-4-3.

Performance Groups (Freshmen and sophomores should register for the 100 number; juniors and seniors should register for the 300 number.)

170, 370. CONCERT CHOIR**1 semester hour each semester**

A mixed touring chorus of select voices determined by auditions held in the spring of the preceding school year. Open to all students of the college. O-2-1, O-2-1.

170, 370. CHORALE**1 semester hour each semester**

A large choral group which prepares programs of sacred and secular music for presentation on campus and in area churches. Open to all students of the college without audition. O-2-1, O-2-1.

170, 370. OPERA WORKSHOP**1 semester hour each semester**

Participation in musical productions giving the young singer an opportunity to progress from small parts through work in Chamber Opera to larger roles in extended works. O-Productions-1, O-Productions-1.

170, 370. MUSIC THEATRE**1 semester hour each semester**

Participation in music theatre productions giving the young singer opportunity to perform non-operative works of a Broadway or religious musical nature. O-Productions-1, O-Productions-1.

180, 380. BAND**1 semester hour each semester**

The study, rehearsal and performance of various levels and varieties of wind and percussion literature through concert and pep organizations. Band consists of a study of repertoire from all eras, development and study of ensemble playing, rehearsal techniques, preparation, and presentation of performances. Designed for students who have participated in an instrumental organization during high school and desire to continue playing. Membership is open to any student with permission of the director. O-2-1, O-2-1.

180, 380. ORCHESTRA**1 semester hour each semester**

A semi-professional orchestra open to all students of the college as well as residents of the community by audition. The orchestra is a member of the American Symphony Orchestra League. Approval of the director is required before registering. O-2-1, O-2-1.

Independent Study**420, 420. COMPOSITION PREPARATION****I AND II****2 semester hours each semester**

Required for Liberal Arts Majors (Composition Option). Prerequisite: Music 207, 208, O-Preparation-3, O-Preparation-3.

430, 430. THEATRE PREPARATION**I AND II****2 semester hours each semester**

Required for Liberal Arts Majors (Theatre Option). O-Preparation-3, O-Preparation-3.

400, 400. INDEPENDENT STUDY**2 semester hours each semester**

Supervised study program in a field of special interest. Prerequisite: approval of department chair and instructor. O-Independent Study-3, O-Independent Study-3.

Department of Foreign Languages and Literature

Chair: Professor Andriew

Professor: Morgan

Associate Professors: A. Setzer, M. Lutz

Assistant Professor: Parsons

A student may earn a Bachelor of Arts degree in French or Spanish. In addition to the major, a student may earn credits for teacher certification in French or Spanish. Students who have had two years of a foreign language in high school may begin with an intermediate course (201,211) if a satisfactory score is received on the placement test.

French Major Requirements

A major in French normally requires French 303 and 304. The additional 24 hours may be selected in consultation with the major professor from French courses above the core requirement.

Required Minor

The required minor must be taken in one discipline other than the major.

Supportive Minor (Optional)

A student majoring in French may elect to complete a supportive minor in Spanish by completing 15 hours in courses numbered above 102.

French Major with Teacher Certification

A major in French with preparation for K-12 teacher certification normally requires French 303 and 304. The additional 24 hours may be selected from French courses above the core requirement. Professional courses must include one course each in Practicum/Methods for levels K-5, 6-8 and 9-12.

Required Minor

The required minor consists of Education 301, 316, 325, 440 and 450.

Spanish Major Requirements

A major in Spanish normally requires Spanish 303 and 304. The additional 24 hours may be selected in consultation with the major professor from Spanish courses above the core requirement.

Required Minor

The required minor must be taken in one discipline other than the major.

Supportive Minor (Optional)

A student majoring in Spanish may elect to complete a supportive minor in French by completing 18 hours in courses numbered above 102.

Spanish Major with Teacher Certification

A major in Spanish with preparation for K-12 teacher certification normally requires Spanish 303 and 304. The additional 24 hours may be selected from Spanish courses above the core requirement. Professional courses must include one course each in Practicum/methods for levels K-5, 6-8 and 9-12.

Required Minor

The required minor consists of Education 301, 318, 326, 440 and 450.

Minors Offered by the Department

A minor in French requires any 18 hours in French in addition to the core requirement.

A minor in Spanish requires any 18 hours in Spanish in addition to the core requirement.

A minor in Classical Languages requires 18 hours in Classical Language courses in addition to the core requirement.

A minor in Foreign Languages requires any 18 hours offered by the department in addition to the core requirement.

Teaching Endorsement in Foreign Languages (Grades K-8)

French—A total of 22 hours is required for an endorsement in French, with 14 of them in upper-level courses. The following courses are recommended for the best preparation for teaching: French 211, 212, 301, 303 (or 307), 306, 332, 336. Substitutions may be made with the approval of the Department. Professional courses must include one course each in practicum/methods K-5, 6-8.

Spanish--A total of 22 hours is required for an endorsement in Spanish, with 14 of them in upper-level courses. The following courses are recommended for the best preparation for teaching: Spanish 211, 212, 301, 303 (or 307), 305, 332, 335. Substitutions may be made with the approval of the Department. Professional courses must include one course each in *practicum/methode* K-5, 8-8.

Description of Courses

French

101, 102. ELEMENTARY FRENCH I AND II 3 semester hours each semester
2-1-3, 2-1-3.

201, 202. INTERMEDIATE FRENCH I AND II 3 semester hours each semester
Prerequisite: French 102 or satisfactory score on placement test, 2-1-3, 2-1-3.

211, 212. INTENSIVE ORAL FRENCH I and II 6 semester hours each semester
Oral and written work in the language with emphasis on the spoken language.
Prerequisite: French 102 or satisfactory score on placement test, 5-4-5, 5-0-5.

300. ASPECTS OF FRENCH CULTURE AND LANGUAGE 3 semester hours
Selected topics of Francophone culture, with an introduction to basic vocabulary and sound system. Conducted in English. No prior knowledge of French is required. 3-0-3.
Does not count toward the French major.

301, 302. ADVANCED FRENCH GRAMMAR, COMPOSITION, AND CONVERSATION I AND II 3 semester hours each semester
Oral and written work in the language with training in the acquisition of an active idiomatic French vocabulary. Prerequisite: French 202 or permission of Department. 3-0-3, 3-0-3.

303, 304. SURVEY OF FRENCH LITERATURE I AND II 3 semester hours each semester
The literature of France from the Old French period to the present. Prerequisite: French 202 or permission of Department. 3-0-3, 3-0-3.

305, 306. FRENCH CIVILIZATION I AND II 3 semester hours each semester
French history and civilization from early times to the present. Prerequisite: French 202 or permission of Department. 3-0-3, 3-0-3.

307. SEMINAR IN 19TH CENTURY 3 semester hours each semester
Reading and discussion of selected works and literary movements. Prerequisite: French 202 or permission of Department. 3-0-3.

308. SEMINAR IN 20TH CENTURY 3 semester hours each semester
Reading and discussion of selected works and literary movements. Extensive written and oral work in French. Prerequisite: French 202 or permission of the Department. 3-0-3.

**311, 312. FRENCH CONVERSATION
ABROAD I AND II**

3 semester hours each semester

Extensive formal and informal training in French conversation in a living French setting. Offered as a summer program only in a French-speaking country. Lecture-Travel 3, Lecture-Travel 3.

**401, 402. READING AND RESEARCH
I AND II**

3 semester hours each semester

Extensive reading of French literature. Study of bibliography and research techniques. Open to outstanding seniors by permission of the Department. 3-0-3, 3-0-3.

495, 496. INDEPENDENT STUDY I AND II

3 semester hours each semester

Designed to enable a senior or junior student to undertake a specific research or intern project of professional interest and need. 0-Independent Study-3, 0-Independent Study-3.

Greek

**101, 102. ELEMENTARY NEW TESTAMENT
GREEK I AND II**

3 semester hours each semester

A study of Koine Greek. 3-0-3, 3-0-3.

**201, 202. INTERMEDIATE NEW TESTAMENT
GREEK I AND II**

3 semester hours each semester

Prerequisite: Greek 102. 3-0-3, 3-0-3.

**301, 302. ADVANCED NEW TESTAMENT
GREEK I AND II**

3 semester hours each semester

Selections in the Pseudepistles. Prerequisite: Greek 202. 3-0-3, 3-0-3.

495, 496. INDEPENDENT STUDY I AND II

3 semester hours each semester

Selections from all books of the New Testament. Prerequisite: Greek 302. 0-Independent Study-3, 0-Independent Study-3.

Hebrew

301, 302. ELEMENTARY HEBREW I and II

3 semester hours each semester

A study of the grammar, syntax and vocabulary of classical Hebrew as reflected in the Old Testament, with the translation of simple texts during the semester. Prerequisite: Greek 102. 3-0-3, 3-0-3.

Spanish

101, 102. ELEMENTARY SPANISH I AND II

3 semester hours each semester

3-1-3, 3-1-3.

**201, 202. INTERMEDIATE SPANISH
I AND II**

3 semester hours each semester

Prerequisite: Spanish 102 or satisfactory score on placement test. 3-1-3, 3-1-3.

211,212. INTENSIVE ORAL SPANISH 3 semester hours each semester
Oral and written work in the language with emphasis on the spoken language. Prerequisite: Spanish 102 or satisfactory score on placement test. S-4-S, S-O-S.

300. ASPECTS OF SPANISH CULTURE AND LANGUAGE 3 semester hours
Selected topics of Hispanic culture, with an introduction to basic vocabulary and sound system. Conducted in English. No prior knowledge of Spanish is required. S-O-S. Does not count toward the Spanish major.

301,302. ADVANCED SPANISH GRAMMAR, COMPOSITION, AND CONVERSATION I AND II 3 semester hours each semester
Oral and written work in the language with training in the acquisition of an active, idiomatic Spanish vocabulary. Prerequisite: Spanish 202 or permission of Department. S-O-S, S-O-S.

303,304. SURVEY OF SPANISH LITERATURE I AND II 3 semester hours each semester
The literature of Spain from the Old Spanish period to the present. Prerequisite: Spanish 202 or permission of Department. S-O-S, S-O-S.

305. SPANISH CIVILIZATION 3 semester hours
Spanish history and civilization from early times to the present. Prerequisite: Spanish 202 or its equivalent. S-O-S.

306. SPANISH AMERICAN CIVILIZATION AND CULTURE 3 semester hours
Spanish American history and civilization from colonial times to the present. Prerequisite: Spanish 202 or permission of Department.

307. SEMINAR IN 19TH CENTURY 3 semester hours
Reading and discussion of selected works and literary movements. Extensive written and oral work in Spanish. Prerequisite: Spanish 202 or permission of Department. S-O-S.

308. SEMINAR IN 20TH CENTURY 3 semester hours
Reading and discussion of selected works and literary movements. Extensive written and oral work in Spanish. Prerequisite: Spanish 202 or permission of Department. S-O-S.

311,312. SPANISH CONVERSATION ABROAD I AND II 3 semester hours each term
Extensive formal and informal training in Spanish conversation in a living Spanish setting. Offered as a summer program only in a Spanish-speaking country. Lecture-Travel-3, Lecture-Travel-3.

401,402. READING AND RESEARCH I AND II 3 semester hours each semester
Extensive reading of Spanish literature. Study of bibliography and research techniques. Open to outstanding seniors by permission of the department. S-O-S, S-O-S.

405, 406. INDEPENDENT STUDY I AND II — Semester hours each semester
Designed to enable a senior or junior student to undertake a specific research or learn project of professional interest and need. 0-Independent Study-3, 0-Independent Study-3.

Foreign Language Education

FRENCH

332, 333, 334. PRACTICUM/METHODS K-6

Special consideration is given to methods, materials, and techniques of teaching French in these grades. Observation and practice in a public school for two 30-minute periods per week, with weekly meetings with supervising professor for discussion and reports on classroom experiences and assigned readings. 1-2-2, 1-2-2, 1-2-2.

335, 336, 337. PRACTICUM/METHODS 6-9

Special consideration is given to methods, materials, and techniques of teaching French in these grades. Observation and practice in a public school for two 30-minute periods per week, with weekly meetings with supervising professor for discussion and reports on classroom experiences and assigned readings. 1-2-2, 1-2-2, 1-2-2.

338, 339, 340. PRACTICUM/METHODS 9-12

Special consideration is given to methods, materials, and techniques of teaching French in these grades. Observation and practice in a public school for two 30-minute periods per week, with weekly meetings with supervising professor for discussion and reports on classroom experiences and assigned readings. 1-2-2, 1-2-2, 1-2-2.

SPANISH

332, 333, 334. PRACTICUM/METHODS K-6

Special consideration is given to methods, materials, and techniques of teaching French in these grades. Observation and practice in a public school for two 30-minute periods per week, with weekly meetings with supervising professor for discussion and reports on classroom experiences and assigned readings. 1-2-2, 1-2-2, 1-2-2.

335, 336, 337. PRACTICUM/METHODS 6-9

Special consideration is given to methods, materials, and techniques of teaching French in these grades. Observation and practice in a public school for two 30-minute periods per week, with weekly meetings with supervising professor for discussion and reports on classroom experiences and assigned readings. 1-2-2, 1-2-2, 1-2-2.

338, 339, 340. PRACTICUM/METHODS 9-12

Special consideration is given to methods, materials, and techniques of teaching French in these grades. Observation and practice in a public school for two 30-minute periods per week, with weekly meetings with supervising professor for discussion and reports on classroom experiences and assigned readings. 1-2-2, 1-2-2, 1-2-2.

Department of Health Education and Physical Education

Chair Professor Hunt

Professors: L. Proctor, R. Blackburn, Tubbs

Associate Professor: Chandler

Assistant Professors: N. Griggs, Fish, Miller

Instructors: T. Senter, K. Jones, Anderton, Wince, Jirsa,

Hafford, Unsworth

The Department of Health Education and Physical Education offers a program to promote the total wellness of all students. The physical, mental, emotional, social, and spiritual growth of the individual is stressed in all areas. The major purposes of the department are (1) to prepare persons for careers in health education and physical education, (2) to provide an activity program which will contribute to the liberal education of each student by emphasizing lifetime sports and fitness, and (3) to provide wholesome recreational and professional opportunities for the students, faculty, and staff.

The department offers a Bachelor of Science degree in the following majors: (1) Physical Education, (2) Physical Education with Teacher Certification, (3) Health Education, (4) Health Education with Teacher Certification (Health Specialist).

Each regularly enrolled student is required to earn a minimum of two semester hours in physical education. Physical Education 101 is required of all students. All physical education majors are expected to wear regulation uniforms which may be purchased in the physical education office.

Students seeking teacher certification are required to obtain minimum scores on Core Batteries I and II on the National Teachers Examination (NTE). Other requirements include admission to teacher education, teacher education requirements, and student teaching requirements (See Department of Education).

Physical Education Major with Teacher Certification

The Basic Course Requirements may be satisfied by Group B. To meet the natural science requirement, Biology 101, a physical science and Biology 203 and 204 are recommended. The social science requirement may be satisfied by History 202 or Political Science 202 and Sociology 201 or 320. Additional requirements are HEA 221 and American and English literature.

A major in Physical Education with preparation for teacher certification (K-12) requires 42 semester hours of Health/Physical Education courses. Required courses are Physical Education 211, 235, 301, 331, 335, 341, 342, 402, 405, 406, 408, 409, Health 321, 422, and 3 health hours (400 level).

Required Minor

Physical Education majors are required to complete a minor which includes Education 201, 301, 325, 450, PED 432, Psychology 302 and 303.

Physical Education Major Requirements

The Basic Course Requirements may be satisfied by Group B. The social science requirement may be satisfied by History 202 or Political Science 202 and Sociology 201 or 320. To meet the natural science requirements, Biology 203 and 204 are recommended.

A major in Physical Education requires 36 semester hours, including Physical Education 211, 235, 301, 331, 335, 341, 342, 402, 405, 408, 409, and Health 321 and 422.

Required Minor

Physical Education majors are required to complete a minor in one discipline outside the department.

Supportive Minor

A support minor may be taken in Health Education, Coaching, or Athletic Training.

Health Education Major with Teacher Certification (Health Specialist)

The Basic Course Requirements may be satisfied by Group B. To meet natural science requirement, Biology 101, a physical science, and Biology 203 and 204 are recommended. The social science requirement may be satisfied by History 202 or Political Science 202 and Sociology 201 or 320. The Fine Arts requirement must be satisfied with Cultural Arts 225. Additional requirements are HEA 221 and American and English literature.

A major in Health Education with preparation for teacher certification (K-12) requires 42 semester hours, including Health 222, 223, 224, 319, 320, 321, 322, and 422. Twelve additional hours must be taken on the 400 level. Six elective hours are allowed in the major.

Required Minor

Health Education majors are required to complete a minor which includes Education 201, 301, 326, 460, PED 432, Psychology 302 and 303.

Health Education Major Requirements

The Basic Course Requirements may be satisfied by Group B. The social science requirements may be satisfied by History 202 or Political Science 202 and Sociology 201 or 320. To meet the natural science requirements, Biology 203 and 204 are recommended.

A major in Health Education requires 30 semester hours, including Health 222, 223, 224, 319, 321, 322, 400, 401, 422, and 433.

Required Minor

Health Education majors are required to complete a minor in one discipline outside the department.

Supportive Minor

A supportive minor of 15-18 semester hours may be elected.

Minors Offered by the Department

A minor in Health Education requires 18 semester hours, including Health 222, 319, 321, 400, 401, 433.

A minor in Coaching requires 18 semester hours, including Physical Education 335, 336, 401, 406, 410, Health 222.

A minor in Athletic Training requires 20 semester hours, including Health 221, 225, 327, 328, 422, and Physical Education 335 and 406.

Description of Courses**Physical Education Activity Courses**

101. 0-2-1.	ORIENTATION TO PHYSICAL EDUCATION	1 semester hour
103. 0-2-1.	BEGINNING SWIMMING AND DIVING	1 semester hour
104. 0-2-1.	GYMNASICS	1 semester hour
105. 0-2-1.	RHYTHM AND MOVEMENT	1 semester hour
106. 0-2-1.	ADAPTIVE ACTIVITIES I	1 semester hour
109. 0-2-1.	ADAPTIVE ACTIVITIES II	1 semester hour

113. 0-2-1.	SKIING	1 semester hour
115. 0-2-1.	AEROBIC ACTIVITIES	1 semester hour
201. 0-2-1.	TENNIS AND BADMINTON	1 semester hour
202. 0-2-1.	TEAM SPORTS	1 semester hour
203. 0-2-1.	ADVANCED SWIMMING	1 semester hour
204. 0-2-1.	ARCHERY AND CASTING	1 semester hour
205. 0-2-1.	CONDITIONING AND WEIGHT TRAINING	1 semester hour
206. 0-2-1.	GOLF AND BOWLING	1 semester hour
208. 0-2-1.	HANDBALL/HACOURTBALL	1 semester hour

Physical Education

211.	INTRODUCTION TO PHYSICAL EDUCATION	3 semester hours
An overview of the field of physical education with emphasis placed on history and on current issues related to the discipline. 3-0-3.		
225.	MOTOR LEARNING	3 semester hours
Study of basic concepts applicable to motor skill acquisition. Areas of study include variables affecting the learner (e.g., perception, attention, memory) and the learning environment (e.g., knowledge of results, practice, transfer of learning). 3-0-3.		
261.	SCHOOL ACTIVITIES	3 semester hours
Methods, materials and techniques for instruction in recognizing, identifying, and applying a planned, sequential program in elementary physical education. A field experience is required. 3-0-3.		
302.	METHODS IN TEACHING SWIMMING AND LIFESAVING	3 semester hours
Red Cross Lifesaving and Water Safety Instructor certification. Will substitute for PED 101, 3-1-2.		
303.	INTRAMURALS	2 semester hours
Principles and ideas to effectively organize and administer intramural sports programs in various school settings. 2-1-2.		
309.	OFFICIATING	2 semester hours
Theories and techniques, both general and sport specific, designed to orient the student to the field of sports officiating. 2-1-2.		
321.	CREATIVE MOVEMENT (K-12)	3 semester hours
Methods, materials and techniques for teaching movement and dance on the K-12 level. Emphasis is on creativity through movement exploration and dance. 3-0-3.		

335. KINESIOLOGY 3 semester hours
An examination of both the anatomical and mechanical factors related to human performance. 3-0-3

336. THEORY AND TECHNIQUES OF COACHING 3 semester hours
Examination of issues relating to the coaching profession, including recruiting, motivation, ethics, public relations, and administrative responsibilities. 3-0-3

341. THEORY AND TECHNIQUES OF TEAM SPORTS 3 semester hours
Methods, theories and techniques for teaching volleyball, softball, football, CHAMPIONS and basketball on the K-12 level. 3-0-3

342. THEORY AND TECHNIQUES OF INDIVIDUAL AND DUAL SPORTS 3 semester hours
Methods, theories and techniques for teaching tumbling and gymnastics, tennis, track and field, badminton and wrestling on the K-12 level. 3-0-3

401. PSYCHOLOGY OF SPORT AND PHYSICAL ACTIVITY 3 semester hours
This course examines various psychological parameters which influence sport behavior and performance. 3-0-3

402. ADAPTED PHYSICAL EDUCATION 3 semester hours
Methods and materials of instruction in adapted physical education with special emphasis on the program for the mentally retarded child. A field experience is required. 3-1-3

404. CURRICULUM INSTRUCTION 3 semester hours
Designed to aid the major in program building and in the techniques of teaching physical education. Open only to physical education majors. 3-0-3.

406. EXERCISE PHYSIOLOGY 3 semester hours
A course designed to examine the human body's response to exercise. Topical areas include muscular adaptations, energy systems, environmental factors, nutritional guidelines, and various methods of physical training. 3-0-3.

407. RECREATION FOR SPECIAL POPULATIONS 3 semester hours
Designed to provide the student with knowledge and skills in analyzing recreational activities for individuals with specific disabilities and in the planning and implementation of diagnostically designed recreation programs. 3-0-3.

408. ORGANIZATION AND ADMINISTRATION OF HEALTH EDUCATION AND PHYSICAL EDUCATION 3 semester hours
This course deals with the administrative problems involved in the field of health education and physical education. 3-0-3.

409. TESTS AND MEASUREMENTS 3 semester hours
Study of tests and measurements currently used in the health and physical education program; attention to elementary statistical procedure and grading in health and physical education. 3-0-3.

410. PROBLEMS IN PHYSICAL EDUCATION AND ATHLETICS 3 semester hours
Individual investigation and analysis of specific problems in physical education and athletics. 3-0-3.

432. SECONDARY SCHOOL ACTIVITIES (METHODS OF TEACHING) 3 semester hours
Methods, materials, theory, practice, and program development in physical education and health on the secondary level. (A prerequisite to student teaching in health or physical education.) 3-0-3.

496, 496. INDEPENDENT STUDY

3 semester hours each semester

Designed to enable a senior student to undertake a specific or intern project of professional interest and need. 0 Independent Study-3, 0 Independent Study-3.

Recreation

310. OUTDOOR EDUCATION

3 semester hours

Designed to provide the student with practical knowledge as it relates to camping, hiking, backpacking, and related basic wilderness survival skills. Fees may apply. 3-1-3.

Health Education

221. PERSONAL AND COMMUNITY HEALTH

2 semester hours

A thorough study of the health problems of the individual, school, and community. 3-0-2.

222. ADVANCED FIRST AID

3 semester hours

A basic course in principles of advanced first aid and adult Cardiopulmonary Resuscitation (CPR). American Red Cross certification. 3-1-3.

223. SAFETY EDUCATION

3 semester hours

An introduction to teaching safety education in the school with emphasis on planned participation, observation, and the concepts and theories of accident prevention. 3-0-2.

324. NUTRITION

3 semester hours

A course covering basic nutritional concepts including a study of weight control. Applications of nutrition in health education will be emphasized. 3-0-3.

325. TECHNIQUES OF ATHLETIC TRAINING

3 semester hours

An introductory course in the field of Athletic Training. The course will focus on treatment, disposition, and rehabilitation of athletic injuries. 3-1-2.

319. COMMUNITY HEALTH

3 semester hours

A course designed to study the individuals and processes involved in shaping local, state, and national health policies, as well as the delivery, utilization, and planning the health services in the U.S. 3-0-3.

320. HEALTH EDUCATION

(EARLY CHILDHOOD, INTERMEDIATE)

3 semester hours

Methods and materials for classroom instruction in health and safety for the elementary teacher. A field experience is required. 3-0-2.

321. HEALTH EDUCATION FOR TEACHERS

3 semester hours

Methods and materials for the classroom instruction in health and safety for the teacher. A field experience is required. 3-0-3.

322. HELPING RELATIONSHIPS FOR HEALTH SCIENCE

3 semester hours

An introduction to using the skill models in effective human relations. Emphasis will be placed on understanding the mental health needs of individuals in the school, the home, and society. A field experience is required. 3-0-3.

327. ATHLETIC TRAINING SEMINAR I

3 semester hours

This course will concentrate on the areas of evaluation and recognition of athletic injuries, counseling, and guidance. Prerequisite: HEA 325. 3-0-3.

328. ATHLETIC TRAINING SEMINAR II

3 semester hours

This course will concentrate on rehabilitation and conditioning of athletic injuries and the modalities to treat such injuries. Prerequisite: HEA 327. 3-0-3.

- 400. COMPREHENSIVE HEALTH EDUCATION** 3 semester hours
A course designed to integrate and apply the principles of health education for grades K-12. Emphasis will be on content selection and methodologies appropriate for the total program. Selected current issues in health will also be a focal point. 3-0-3.
- 401. DRUG/ALCOHOL EDUCATION** 3 semester hours
A study of the sociological, psychological and physiological aspects of drug and alcohol abuse as they impact upon the individual, family and society. 3-0-3.
- 402. SEXUALITY/SEX EDUCATION** 3 semester hours
A study of human sexuality education including comprehensive knowledge and sex education methodology for effective communication with children and youth. 3-0-3.
- 403. FIRST AID INSTRUCTOR'S COURSE** 3 semester hours
American Red Cross instructor's course designed to qualify students as American Red Cross instructors in Standard First Aid and community Cardiopulmonary Resuscitation. 3-0-3.
- 404. PROBLEMS IN HEALTH EDUCATION** 3 semester hours
Advanced study of personal and community health problems, environmental health, family living, and mental and emotional health. 3-0-3.
- 405. ORGANIZATION/ADMINISTRATION/
EVALUATION IN HEALTH SCIENCE** 3 semester hours
A course designed to develop competencies in organizing, administering and evaluating a school health program. 3-0-3.
- 406, 406. INDEPENDENT STUDY** 3 semester hours each semester
Designed to enable a senior to undertake a specific research or intern project of professional interest and need. 0-Independent Study-3, 0-Independent Study-3.

Department of Mathematical Sciences

Chair: Professor P. Jolley

Professor: Chang

Assistant Professors: Cartwell, J. Johnson

Instructors: Campbell, Terrell

The objectives of this department are (1) to help the student think so as to reach logical conclusions, (2) to enable the student to have a more meaningful definition of mathematics as a result of postulational thinking, (3) to assist the student in recognizing mathematics as the powerful tool for calculation, (4) to prepare some students for teaching mathematics in elementary or secondary schools, or for further study, (5) to introduce the student to the computer and its uses, and (6) to prepare some students to become computer programmers or computer analysts.

The department offers a Bachelor of Science degree in the following majors: (1) Mathematics, (2) Mathematics with teacher certification, and (3) Computer Science. In addition, the department has a dual-degree program in Engineering with Auburn University.

Mathematics Major Requirements

The Basic Course Requirements may be satisfied by Group A or B. Any student electing Group B must earn 8 semester hours in either chemistry or physics.

A major in Mathematics requires 30 semester hours of mathematics, including Mathematics 221, 222, 321 and 322. The remaining hours must be selected from courses numbered above Mathematics 210.

Required Minor

The required minor must be taken in one discipline outside the department.

Supportive Minor

The student majoring in Mathematics may elect to complete a supportive minor in Computer Science.

Mathematics Major with Teacher Certification Requirements

The Basic Course Requirements may be satisfied by Group A or B. Any student electing Group B must earn 8 semester hours in either chemistry or physics. The social science requirement must be taken from two of the following areas: anthropology, economics, geography, political science, sociology. Cultural Arts 225 is required.

A major in Mathematics with preparation for secondary (9-12) teacher certification requires 30 semester hours of mathematics, including Mathematics 216, 221, 222, 302, 303, 304, 310, 321 and 404. The remaining hours must be selected from Mathematics 311, 312, 400, 403, 405, 490.

Other requirements include CSC 201, Health 221, American and English Literature, and electives.

Required Minor

The required minor consists of EDU 201, 301, 325, 440, and 450; PSY 302, 303; and MED 432.

Computer Science Major Requirements

The Basic Course Requirements may be satisfied by Group A or B.

A major in Computer Science requires 30 semester hours selected from the courses listed under Computer Science.

Required Minor

The required minor must be taken in any discipline other than Mathematics, Computer Science or Management Information Systems.

Required Supportive Minor

The student majoring in Computer Science must take a supportive minor in mathematics consisting of Mathematics 221, 222, 302, 311 and 321.

Dual Degree Program in Engineering

Gardner-Webb College has entered into an agreement with the School of Engineering of Auburn University to establish a Dual-Degree Program, whereby an undergraduate student will attend Gardner-Webb College for approximately three academic years and the School of Engineering at Auburn University for approximately two academic years. After completing the academic requirements of the two cooperating institutions, the student will be awarded a bachelor's degree from Gardner-Webb College and an engineering bachelor's degree from Auburn University.

Dual-Degree candidates will be eligible to seek any of the following Bachelor's degrees from Auburn University: Aerospace Engineering, Aviation Management, Chemical Engineering, Civil Engineering, Electrical Engineering, Industrial Engineering, Materials Engineering, Mechanical Engineering, Textile Chemistry, Textile Engineering, Textile Management.

The Basic Course Requirements at Gardner-Webb College are Group B. The natural science area requires Chemistry 111, 112 and Physics 203, 204. The social science area requires Economics 203, 204. The fine arts area requires Music 125.

The major requires 30 semester hours including Mathematics 221, 222, 312, 321, 322, 403 and Computer Science 201.

Required Minor

A student majoring in Engineering must complete a minor in a discipline from outside the Department of Mathematical Sciences. Psychology 201 is required.

Minors Offered by the Department

A minor in Mathematics requires 18 semester hours including Mathematics 221, 222, and 3 other mathematics courses excluding Mathematics 103, 204, 205, and 219.

A minor in Computer Science requires 18 semester hours including Mathematics 219 (or 221) and any 5 Computer Science courses.

Description of Courses

Mathematics

- 100. BASIC MATHEMATICAL SKILLS** 3 semester hours
A study of selected topics from arithmetic and algebra. (Counts as an elective, will not count toward Basic Course Requirements.) 3-0-3. (Fall/Spring)
- 103. COLLEGE ALGEBRA** 3 semester hours
A study of numbers and their properties, exponents and polynomials, equations and inequalities, coordinates and curves, functions and their graphs, and systems of equations and inequalities. 3-0-3. (Fall/Spring)
- 104. TRIGONOMETRY** 3 semester hours
A study of angles and their measure, trigonometric functions, identities, logarithms, inverse functions, equations, solutions of triangles. 3-0-3. (Spring)
- 204. MATHEMATICS FOR ELEMENTARY TEACHERS I** 3 semester hours
A study of real numbers, problem solving, algebra, and the use of the computer with the emphasis on understanding the concepts needed to teach elementary mathematics. Prerequisite: Mathematics 103. 3-0-3. (Spring)
- 205. MATH FOR ELEMENTARY TEACHERS II** 3 semester hours
A study of methods of proofs, problem solving, geometry, probability, statistics, and computers with emphasis on the concepts needed to teach elementary mathematics. Prerequisite: Mathematics 204. 3-0-3. (Spring)
- 216. PROBABILITY AND STATISTICS** 3 semester hours
Introductory principles of probability and their applications. Basic statistical analysis. Prerequisite: Mathematics 103. 3-0-3. (Spring)
- 219. CALCULUS FOR BUSINESS AND SOCIAL SCIENCES** 3 semester hours
A study of differentiation and integration with applications to business and the social sciences. Prerequisite: Mathematics 100. A student cannot receive credit for both Mathematics 219 and 221. 3-0-3. (Spring)
- 221. CALCULUS AND ANALYTIC GEOMETRY I** 3 semester hours
A course including the study of real functions and their graphs, slope, limit, continuity, and derivatives with applications. A student cannot receive credit for both Mathematics 219 and 221. 3-0-3. (Fall)
- 222. CALCULUS AND ANALYTIC GEOMETRY II** 3 semester hours
The definite integral with applications, transcendental functions, trigonometric functions and their inverses, and techniques of integration. Prerequisite: Mathematics 221. 3-0-3. (Fall)
- 302. LINEAR ALGEBRA** 3 semester hours
Vector spaces, matrices, determinants, systems of linear equations, and linear transformations in vector spaces. Prerequisite: Mathematics 222. 3-0-3. (Spring)
- 303. MODERN COLLEGE GEOMETRY** 3 semester hours
Elementary geometry from an advanced standpoint, some evaluations and criticisms of Euclidean geometry, non-Euclidean and analytic geometry, and some topics in modern geometry. Prerequisite: Mathematics 222. 3-0-3. (Fall of even years)
- 304. HISTORY OF MATHEMATICS** 3 semester hours
A study of the development of mathematics, together with the study of the lives and contributions of leading mathematicians. Prerequisite: Mathematics 222. 3-0-3. (Fall of even years)

310. NUMBER THEORY**3 semester hours**

A study of number theory including Euclid's algorithm, prime numbers, indeterminate problems, and Diophantine problems. Prerequisite: Mathematics 205 or 221, 3-0-3. (Fall of odd years)

311. DISCRETE MATHEMATICS**3 semester hours**

Elementary combinatorics, graph theory, Boolean algebra, tree building, mathematical induction, networks, and automata. Prerequisite: Mathematics 222, 3-0-3.

312. INTERMEDIATE ANALYSIS**3 semester hours**

Basic ideas and techniques of analysis for real-valued functions of an arbitrary number of real variables. Prerequisite: Mathematics 222, 3-0-3. (On demand)

312. CALCULUS AND ANALYTIC GEOMETRY II**3 semester hours**

Infinite series, cones, polar coordinates and vector geometry. Prerequisite: Mathematics 222, 3-0-3. (Fall)

322. MULTIVARIABLE CALCULUS**3 semester hours**

Functions of several variables, multiple integration and vector analysis. Prerequisite: Mathematics 221, 3-0-3. (Spring of even years)

400. MATHEMATICAL STATISTICS**3 semester hours**

A study in the theory of probability set functions, distributions of random variables and functions, estimations, testing of hypotheses and analysis of variance and covariance. Prerequisite: Mathematics 321, 3-0-3. (On demand)

405. INTRODUCTORY TOPOLOGY**3 semester hours**

A study of metric spaces, topological spaces, connected topological spaces and compact topological spaces. Prerequisite: Mathematics 321, 3-0-3. (On demand)

405. DIFFERENTIAL EQUATIONS**3 semester hours**

First order ordinary differential equations with applications. Prerequisite: Mathematics 321, 3-0-3. (On demand)

454. MODERN ABSTRACT ALGEBRA**3 semester hours each semester**

A study of algebraic structures including groups, rings, integral domains and fields. Prerequisite: Mathematics 222, 3-0-3. (Fall of odd years)

495-496. INDEPENDENT STUDY**3 semester hours each semester**

Prerequisite: Mathematics 322 and approval of the chair and Dean.

Mathematics Education**300. METHODS OF TEACHING MATH (K-6)****3 semester hours**

Planning, teaching and evaluating mathematics in the elementary school. Supervised field experiences are required. (For elementary education majors only.) Prerequisite: Mathematics 204, 3-0-3. (Spring)

432. METHODS OF TEACHING (MATHEMATICS)**3 semester hours**

A study of the principles and objectives of secondary mathematics, general and specific teacher techniques, organization of content material and instructional materials. Supervised field experiences are required. 3-0-3. (Fall of even years)

Computer Science**301. INTRODUCTION TO COMPUTER SCIENCE I****3 semester hours**

An introduction to programming, in Pascal, emphasizing the structured approach, top-down design and the design of algorithms. 3-0-3. (Fall)

- 389. INTRODUCTION TO COMPUTER SCIENCE II** 3 semester hours
A continuation of Computer Science 381; topics include records, pointers and binary trees. Prerequisite: Computer Science 381, 3-0-3. (Spring)
- 395. PROGRAMMING LANGUAGES** 3 semester hours^{2,3}
Language syntax, processors, semantics and styles using the C language. Prerequisite: Computer Science 382, 3-0-3. (Fall of even years)
- 399. ASSEMBLY LANGUAGE PROGRAMMING** 3 semester hours
Fundamental programming techniques—assembly and machine languages. Prerequisite: Computer Science 382, 3-0-3. (Spring of odd years)
- 391. OPERATING SYSTEMS** 3 semester hours
Survey of computer operating systems. Batch processing, time sharing, multi-processing, real time control and disk operating systems. Prerequisite: Computer Science 380, 3-0-3. (Fall of odd years)
- 399. DATA STRUCTURES AND ALGORITHM ANALYSIS** 3 semester hours
Basic structures, graphs, algorithm design and analysis, memory management and system design. Prerequisite: Computer Science 382, 3-1-3. (Spring of even years)
- 409. NUMERICAL METHODS AND SCIENTIFIC PROGRAMMING TECHNIQUES** 3 semester hours
Numerical methods including interpolation and extrapolation, roots of equations, solutions of systems of equations, curve fitting and numerical integration. Prerequisite: Computer Science 382 and Mathematics 382, 321, 3-0-3. (Spring of odd years)
- 411. SOFTWARE DESIGN AND DEVELOPMENT** 3 semester hours
Design techniques, model of structural programming, top-down design, structured design, code reading and correctness, step-wise refinement and organization. Prerequisite: Computer Science 382, 3-0-3. (Spring of even years)
- 449. ARTIFICIAL INTELLIGENCE** 3 semester hours
Basic concepts and techniques of artificial intelligence. Natural language, search strategies and control and applications. Prerequisite: Computer Science 382. (Fall of odd years)
- 448. ARCHITECTURE OF MICROCOMPUTERS AND MICROPROCESSORS** 3 semester hours
Theory and techniques of microcomputer and microprocessor design, application of logic, code generation, software packages and interfacing with peripherals. Prerequisite: Computer Science 382 and 380, 3-0-3. (Fall of even years)
- 490. COMPILER** 3 semester hours
Principles of construction of compilers and building operating systems. Prerequisite: Computer Science 381, 3-0-3. (Spring of even years)
- 499. COMPUTERS: SECURITY AND SOCIETY** 3 semester hours
The impact of computers in modern society, computer security, moral and privacy issues. Computers in decision-making processes. Human-machine interface. Prerequisite: Computer Science 382, 3-0-3. (Spring of odd years)
- 496, 498. INDEPENDENT STUDY** 3 semester hours each semester
Prerequisite: Approval of the chair and Dean.



Department of Natural Sciences

Chair: Professor L. Brown

Professors: Parrish, Burkett, T. Jones

Instructors: English, Koehler

Courses in the natural sciences help to develop understanding of and appreciation for the natural world, and prepare students for careers in teaching, industry, and research, or for graduate and professional study in several areas (agriculture, dentistry, medical technology, medicine, nursing, physician assistant, physical therapy, veterinary medicine).

The department offers majors leading to Bachelor of Science degrees in Biology and Chemistry. The student may also major in Biology or Chemistry with preparation for secondary (9-12) teacher certification.

Biology Major Requirements

The Basic Course Requirements are satisfied with either Group B or C. Group C requires Mathematics 103, 104, and 3 hours above Mathematics 210. Students planning to attend graduate school should take Mathematics 221 and 222.

A major in Biology requires 30 semester hours in biology beyond Biology 101, including an animal science (Biology 201, 202, or 315), a plant science (Biology 207, 208, or 320), a molecular science (Biology 301, 401, or 422), ecology (Biology 403), and 2 hours of seminar. Students who are planning to attend medical school are strongly urged to take Physics 201 and 202.

Supportive Minor

The supportive minor requires Chemistry 111, 112, 201, and 202.

Required Minor

The required minor may be met by any minor offered outside the Department of Natural Sciences, chosen in consultation with the faculty adviser.

Biology Major with Teacher Certification Requirements

A major in Biology with preparation for secondary teacher certification differs from the above as follows: Mathematics 103, 104, and 221 or Mathematics 221 only must be taken.

The student must choose either a chemistry or physical science minor. A chemistry minor is recommended for those wishing to pursue an endorsement in chemistry.

Required Minor

The required minor consists of Education 201, 316, 326, 440, and 450; and Psychology 302 and 303; and Science Education 432.

Other Requirements

Other requirements are Health 221, and 6 hours of literature.

Chemistry Major Requirements

To satisfy the natural science requirement of the Basic Course Requirements, the chemistry major must take Chemistry 111 and Biology 101. The mathematics requirement must be met by taking Mathematics 103, 104, and 221 or Mathematics 221 only.

A major in Chemistry requires 30 semester hours of chemistry above Chemistry 111 and 112. These courses should include organic, analytical, physical, and biochemistry, with independent study being elective. At least two semesters of chemistry seminar are required.

Supportive Minor

A supportive minor of 15 semester hours is required and includes Chemistry 112, Physics 201, 202, and approved electives.

Required Minor

A specific or cross discipline minor not directly related to the major is required, as approved by the faculty adviser.

Chemistry Major with Teacher Certification Requirements

A major in Chemistry with preparation for secondary teacher certification differs from the above as follows:

Supportive Minor

The supportive minor may be specific or cross discipline.

Required Minor

The required minor consists of Education 201, 316, 326, 440, and 450; and Psychology 302 and 303; and Science Education 432.

Other Requirements

Other requirements are Health 221, and 6 hours of literature.

Minors Offered by the Department

A minor in Biology requires 16 semester hours including Biology 101 and 402. The remaining hours must be selected from two of the following three categories: animal science (Biology 201, 202, 316), plant science (Biology 207, 308, 310), and cellular biology (Biology 301, 401, 423).

A minor in Chemistry requires 16 semester hours consisting of Chemistry 111, 112, 201, 202.

A minor in Health Science requires 18 semester hours including Chemistry 103. The remaining hours must be selected from Biology 203, 204, 303, 310, 306.

A minor in Physical Science requires 16 semester hours consisting of Chemistry 111, Geology 101, Physics 201, and one of the following: Physics 202, Chemistry 112, Geology 102, Physics 104.

A Minor in General Science requires 16 semester hours above the core science requirement. The students will select four hours from each of the four areas available. Chemistry 103 or higher; Geology 101 or higher, Physics 103 or higher and any biology course numbered 200 or greater.

Description of Courses

Biology

- | | |
|---|-------------------------|
| 101. GENERAL BIOLOGY | 3 semester hours |
| Introduction to the principles of biology, including ecology, biological chemistry, cellular biology, genetics, reproduction, development. Does not meet core requirement without General Biology Lab 102. 3-3-3, F, S, Su-1. | |
| 102. GENERAL BIOLOGY LAB | 1 semester hour |
| Laboratory investigations in general biology. Accompanies Biology 101. 0-3-1, La, Su-1. | |
| 105. MICROBIOLOGY FOR THE HEALTH SCIENCES | 4 semester hours |
| A study of the biology of microorganisms with special focus on the organisms of human disease and on the techniques of microbiology that are appropriate to the health sciences. Not for Biology majors 3-3-4 B | |
| 201. INVERTEBRATE ZOOLOGY | 4 semester hours |
| Phylogenetic survey of invertebrates, with emphasis on systematics, morphology, and ecology. Field work, individual term projects. Prerequisite: one semester of general biology or permission of instructor. 3-3-4, F, odd years. | |
| 202. VERTEBRATE ZOOLOGY | 4 semester hours |
| Systematic study of the vertebrates with emphasis on morphology, physiology, and ecology. Field study, laboratory exercises in morphology. Prerequisite: one semester of general biology or permission of instructor. 3-3-4, S, even years. | |

- 203. HUMAN ANATOMY AND PHYSIOLOGY I** 4 semester hours
Survey of basic structure and function of the human body. Biological chemistry, cells, tissues, integumentary system, skeletal system, muscular system, digestive system, endocrine system. Not for biology majors. 3-2-4, F, Su-1.
- 204. HUMAN ANATOMY AND PHYSIOLOGY II** 4 semester hours
Circulatory system, reproductive system, respiratory system, cardiovascular system, sensory structure, nervous system. Not for biology majors. 3-2-4, S, Su-2.
- 206. GENERAL MICROBIOLOGY** 4 semester hours
Introduction to microbiology and immunity. Applications in medicine, industry, and agriculture will be included. 3-2-4, F.
- 207. PLANT DIVERSITY** 4 semester hours
Systematic survey of the plant kingdom with emphasis on evolutionary changes in morphology, reproductive strategies, cellular development, and anatomy. 3-2-4, F.
- 208. PLANT ANATOMY AND PHYSIOLOGY** 4 semester hours
Introduction to plant growth and development with emphasis on photosynthesis, hormonal controls, water relations, internal transport, response to stimuli. Laboratories center around a survey of anatomical development, and emphasize a research project and laboratory techniques. 3-2-4, S, even years.
- 201. GENETICS** 4 semester hours
Study of principles of heredity including molecular and population genetics, their significance in human inheritance, plant and animal breeding, and evolution. Prerequisite: Biology 101 or permission of instructor. 3-2-4, F.
- 200. ENVIRONMENTAL HEALTH** 3 semester hours
Study of epidemiology and public health, including diseases, environmental toxins, and radiation. A discussion of the statistical methods used to interpret epidemiological data will be included. Not for biology majors. 3-0-3.
- 210. NUTRITION** 3 semester hours
Biochemical basis of how the body uses food. Relationship of nutrition to health. Practical aspects of obtaining, storing, and preparing food for maximum nutrition. Nutrition through the life cycle. Diet. 3-0-3, S, even years.
- 211. NUTRITION LABORATORY** 1 semester hour
0-0-1, S, even years
- 212. GENERAL AND COMPARATIVE ANIMAL PHYSIOLOGY** 4 semester hours
Survey of how animals solve fundamental physiological problems. Emphasis on homeostatic mechanisms. Examples from molecular, cellular, systems, and organismic levels, using both invertebrates and vertebrates. Prerequisite: Biology 101 and one semester of organic chemistry. 3-2-4, F, even years.
- 220. PLANT SYSTEMATICS** 4 semester hours
Systematic study of vascular plants with emphasis on the seed plants. Lecture is predominantly analyzing evolutionary morphological characterization and chemical taxonomy. Laboratory work is field oriented and includes collection and identification of specimens. Prerequisite: Biology 207. 3-2-4, S, odd years.
- 205. PATHOPHYSIOLOGY** 3 semester hours
Study of alterations in normal body structure and function associated with various disease processes. Not for biology majors. 3-0-3. Offered on demand.

395, 396. PRACTICUM IN LIFE SCIENCES 1 semester hour each semester
Practical experience in designing, setting up, and teaching laboratory. Scores needed for all biology majors, particularly those planning to teach. No more than two hours credit may be used toward filling major requirements. Prerequisite: approval of department chairman and laboratory instructor(s). 0-6-1, 0-6-1. Offered by arrangement.

397, 398, 401, 402. BIOLOGY SEMINAR 1 semester hour each semester
Directed reading, study, and discussion designed to re-emphasize the fundamental principles of biology, to correlate and summarize the course work of the major program and related fields, to introduce new areas and ideas, and to provide experience in literature review and oral presentation. Juniors will enroll in 397 and 398, and seniors in 401 and 402. 1-0-1, F, S.

401. CELL BIOLOGY 4 semester hours
Survey of cellular structure and function, with emphasis on biochemical and physiological mechanisms. Techniques for investigating cells. Prerequisite: Biology 101 and Chemistry 202 and 422. 3-3-4, S, even years.

402. ECOLOGY 4 semester hours
Study of the interaction of organisms and their adaptations to their physical environment. The ecosystem approach is emphasized along with population and community ecology. 3-3-4, F.

404. DEVELOPMENTAL BIOLOGY 3 semester hours
Study of the basic developmental processes including fertilization, differentiation, morphogenesis, embryogenesis, growth, and aging. Selected examples drawn from invertebrates, plants, invertebrates, and vertebrates. Prerequisite: Biology 301 and Chemistry 201. 3-0-3, S, odd years.

405. TOPICS IN ADVANCED BIOLOGY 3 or 4 semester hours
Study of specific areas in biology not covered by other upper-level courses. Course content will vary and will reflect student and faculty interests. Prerequisite: Biology 101 and permission of instructor. 3-3-4 or 3-0-3. Offered on demand.

411. IMMUNOLOGY 4 semester hours
Study of mammalian immune system with emphasis on human immunology. Theoretical and practical aspects will be considered. Diagnostic, therapeutic, and research applications of immunology will also be included. Prerequisite: Chemistry 302. 3-3-4. Offered on demand.

422. BIOCHEMISTRY 4 semester hours
Survey of biologically important molecules; metabolism. 3-3-4, S.

495, 496. INDEPENDENT STUDY 1 to 3 semester hours each
Individual work planned to meet the need and interests of qualified students. Time and credits by arrangement in semester prior to term in which work is done.

Department of Chemistry and Physics

Chemistry

103. INTRODUCTORY CHEMISTRY 4 semester hours
Recommended for nonscience and nursing majors. Emphasis on application of the basic principles of chemistry. Prerequisite: placement out of Mathematics 100 or its equivalent for transfer students and no previous college credit for chemistry with a grade of C or higher. 3-3-4, S, F, Su, 2.

111. GENERAL CHEMISTRY I**4 semester hours**

Recommended for first-year science and mathematics majors. The first of a two-semester comprehensive coverage of the fundamental laws and theories of chemistry: history, measurements, mathematical manipulations, dimensional analysis, formula writing and nomenclature, thermochemistry, gas laws, quantum theory of electronic structure, chemical bonding, and physical properties. Prerequisite or corequisite: Mathematics 103. (This course may not be used with Chemistry 103 to meet basic science course requirements.) 3-3-4, F.

112. GENERAL CHEMISTRY II**4 semester hours**

Continuation of Chemistry 111: solutions, chemical spontaneity, equilibria, reaction rates and kinetics, acids-base behavior, redox reactions, nuclear chemistry, and organic or inorganic reactions. Prerequisite: Chemistry 111. 3-3-4, S.

201, 202. ORGANIC CHEMISTRY I AND II **4 semester hours each semester**

Comprehensive coverage of the reactions and structures of aliphatic and aromatic compounds. Laboratory involves typical compound preparations. Prerequisite: Chemistry 112. 3-3-4, 3-3-4, 201, F; 202, S.

301, 302. ANALYTICAL CHEMISTRY I and II **4 semester hours each semester**

Classical and modern methods of chemical and instrumental analysis. Prerequisite: Chemistry 112; prerequisite or corequisite: Chemistry 201. 3-3-4, 301, F, even years; 302, S, odd years.

391, 392, 491, 492. CHEMISTRY SEMINAR **1 semester hour each semester**

Directed reading, study, and discussion designed to re-emphasize the fundamental principles of chemistry, to correlate and summarize the course work of the major program and related fields, to introduce new areas and ideas, and to provide experience in literature review and oral presentation. Juniors will enroll in 391, 392, and seniors in 491, 492. Each course 1-0-1, F, S.

401, 402. PHYSICAL CHEMISTRY I AND II **4 semester hours each semester**

Application of laws of physics and mathematics to chemistry; emphasis on thermodynamics. Prerequisite: Mathematics 321. 3-3-4, 3-3-4, 401, F, odd years; 402, S, even years.

422. BIOCHEMISTRY**4 semester hours**

(Please see under Biology)

395, 396, 495, 496. INDEPENDENT STUDY **1 to 3 semester hours each**

Individual work designed to meet the needs and interests of exceptionally qualified students. Juniors will enroll in 395 and/or 396, and seniors in 495 and/or 496. Time and credits (1-3 hours) by arrangement in semester prior to term in which work begins.

Geology**101. PHYSICAL GEOLOGY****4 semester hours**

Survey of the distributions, processes of formation, alteration, and transportation of materials composing the earth. The composition and basic identification of common minerals and rocks, and the use of geologic and topographic maps are covered. 3-2-4, F, S.

102. HISTORICAL GEOLOGY**4 semester hours**

A survey of geologic history of the earth as told by rocks. Emphasis will be placed on plate tectonics and the development of life throughout geologic times. 3-2-4, S.

405. TOPICS IN GEOLOGY**3 or 4 semester hours**

Study of specific areas in geology not covered by other geology courses. Course content will vary and will reflect student and faculty interest. 3-3-4 or 3-0-3. Offered on demand.

Science Education**500. SCIENCE METHODS****3 semester hours**

Methods of teaching science (5-8). Planning, teaching and evaluation of science in the elementary school. For elementary education majors only. 3-0-3, S.

452. METHODS OF TEACHING (SCIENCE)**2 semester hours**

Methods of planning, teaching and evaluating science in the high school. For secondary education majors only. 3-0-3, F.

Physics**103. INTRODUCTORY PHYSICS****4 semester hours**

A study of the elementary concepts of mechanics, wave motion, electricity, magnetism, optics and nuclear energy. 3-2-4, F,S.

104. ASTRONOMY AND ASTROPHYSICS**4 semester hours**

Survey of fundamental concepts of astronomy and astrophysics. Topics include laws of motion, both Newtonian and relativistic gravity; structure of our solar system; galaxies; stellar evolution; astronomical instruments and techniques; cosmology. Prerequisite: Mathematics 102. Mathematics 104 is also recommended. 3-3-4, F.

201, 202. GENERAL PHYSICS I AND II**4 semester hours each semester**

The study of Newtonian mechanics, the laws of thermodynamics, properties of matter, wave motion, sound, light, magnetism, electricity and nuclear energy. Prerequisite: Mathematics 100 and 104. 3-3-4, 3-3-4, F, odd years; S, even years.

203, 204. PHYSICS FOR ENGINEERS I AND II**4 semester hours each semester**

Techniques of calculus will be applied to the study of mechanics, heat and molecular physics, wave motion and sound, light, electricity and magnetism, with the fundamentals of particle physics and the revolutionary conceptual developments of the twentieth century properly fitted into the classical topics. Co-requisite: Mathematics 221. 3-3-4, 3-3-4, F, even years; S, odd years.

Department of Psychology

Chair: Professor Gaddis

Professor Partin

Associate Professor: F. Brown

Assistant Professor: Wright

Instructors: B. Davis, Carcaddon

The Department of Psychology endeavors to develop within its students an understanding of the fundamentals of human behavior, a functional knowledge of scientific methods of studying behavior and an appreciation of the dignity and complexity of persons.

A student may earn a Bachelor of Science degree in Psychology. The Basic Core Requirements may be satisfied by Group A, B or C. Psychology 201 and 206 satisfy the social science requirement.

Psychology Requirements

A major in Psychology requires 36 semester hours of Psychology, including Psychology 201, 206, 397 and 441 (or 444). Fifteen hours, excluding Psychology 498, must be earned at the 400 level.

Required Minor

Psychology majors are required to complete a minor field selected from Religion, Business, Mathematics, Natural Science, Literature, Sociology, Computer Science, Foreign Language or other areas in consultation with the faculty adviser.

Minor in Psychology

A minor in Psychology requires 18 semester hours, including Psychology 201, 206, plus 12 additional hours in courses numbered above Psychology 303. Six of these 12 hours must be at the 400 level.

Description of Courses

201. GENERAL PSYCHOLOGY

3 semester hours

A survey of psychology as the scientific study of behavior. The areas include learning, motivation, personality, measurement, the development process, social adjustment and the biological bases of behavior. This course is prerequisite to all other courses in Psychology. 3-0-3.

206. DEVELOPMENTAL PSYCHOLOGY

3 semester hours

The physiological evolution of the individual through the life span and effect of the bio-social field on the evolution. 3-0-3.

301. CHILD PSYCHOLOGY

3 semester hours

A study of the general principles and theories of growth and development of the child from birth to early adolescence with emphasis upon intellectual, physical, emotional, cultural, and social development. 3-0-3.

392. ADOLESCENT PSYCHOLOGY

3 semester hours

The study of intellectual, emotional, physical and social maturation from puberty to early adulthood with emphasis on socio-cultural and economic influences as well as adjustment difficulties and communication with the adolescent. 3-0-3.

303. EDUCATIONAL PSYCHOLOGY**3 semester hours**

An analysis of the basic principles of learning theory as well as physical, social, and moral development as they are applied to classroom learning with emphasis upon the application of theory to practical situations. Basic standardized measurement concepts, capabilities and limitations of instructional technology, behavior management as applied to the classroom, and the influence of socio-cultural forces in society on education are discussed. Educational exceptions and laws related to them are also examined. 3-0-3.

305. PSYCHOLOGY OF PERSONALITY**3 semester hours**

A survey of the major theories of personality, with particular emphasis upon experimental studies and research procedures in the study of personality. Prerequisite: Psychology 206. 3-0-3.

307. PHYSIOLOGICAL PSYCHOLOGY**3 semester hours**

An examination of the biological correlates of behavior with emphasis on the structure and function of the nervous system, bases of perception, arousal, motivation, memory and learning. 3-0-3.

310. SOCIAL PSYCHOLOGY**3 semester hours**

A study of the interactions of persons in American society including such topics as group dynamics and pressure, crowd behavior, social movements and change, conformity and leadership. 3-0-3.

314. PSYCHOLOGY OF RELIGION**3 semester hours**

A study of the principles of psychology as related to religious experience designed to develop insight into each student's own spiritual life. 3-0-3.

320. PERSONAL ASSESSMENT AND ADJUSTMENT**3 semester hours**

A study of the theoretical and experimental bases of self-actualization and interpersonal development. Prerequisite: junior or senior standing. 3-0-3.

326. INTRODUCTION TO STATISTICS**3 semester hours**

An introductory approach to descriptive and inferential statistics designed to develop an understanding of basic statistical concepts, statistical significance, statistical inference and hypothesis testing. 3-0-3.

327. EXPERIMENTAL PSYCHOLOGY**3 semesters**

An introductory examination of procedures involved in selecting and stating problems, constructing research or designs, collecting and evaluating data and stating conclusions. Prerequisite: Psychology 306 or permission of instructor. 3-2-3.

401. PSYCHOPATHOLOGY**3 semester hours**

Survey and analysis of the major mental disorders, interpretations and theories of therapy, including the relationship of abnormal behavior to social norms. 3-0-3.

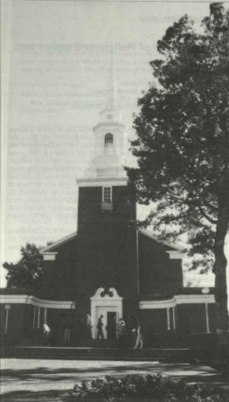
402. INTRODUCTION TO COUNSELING**3 semester hours**

The study of the basic theories of counseling integrated into a problem management model. Prerequisite: Psychology 401 or permission of instructor. 3-0-3.

403. HUMAN BEHAVIOR IN ORGANIZATIONS**3 semester hours**

The application of psychological principles to the problems of industry and business, selection of personnel, training efficiency, job analysis, performance measurement and human relations. (See Management 403). 3-0-3.

- 405. PSYCHOLOGY OF THE EXCEPTIONAL STUDENT** 3 semester hours
A study of a wide range of exceptionalities manifested by children and adolescents in a school setting. Emphases are on appropriate instructional strategies and historical and legal bases for dealing with exceptional students. Observational experiences are required. Prerequisite: PSY 305 or 301, 3-0-3.
- 408. HISTORY AND SYSTEMS** 3 semester hours
A study of the major systems and schools of psychology. 3-0-3.
- 412. PSYCHOLOGY OF AGING** 3 semester hours
An introduction to the psychological, social and biological aspects of aging. 3-0-3.
- 425. CRISIS INTERVENTION COUNSELING** 3 semester hours
Emphases are on death and dying, divorce, suicide, rape and violence in the family. Supervised field experience is required. 3-0-3.
- 440. FAMILY COMMUNICATION** 3 semester hours
A study of family communication systems. Emphases are on the role of self concept, perceptions and emotions, listening skills, marital communication, conflict resolution and building intimacy. 3-0-3.
- 441. PSYCHOLOGY OF LEARNING** 3 semester hours
A study of the major concepts of learning, experimental methods of studying learning phenomena and learning theory. Prerequisite: 8 hours of psychology or permission of the instructor. 3-0-3.
- 444. PSYCHOLOGICAL MEASUREMENT AND APPRAISAL** 3 semester hours
An introduction to psychological measurement, with emphasis on the measurement of intelligence, achievement, personality, interests and special aptitudes. 3-0-3.
- 491, 492, 493. SEMINAR IN PSYCHOLOGY** 1,2 or 3 semester hours
Typical seminars are Psychology and Law and the Psychology of Women. Others are offered upon sufficient demand. 1-0-1, 2-0-2, 3-0-3.
- 495, 496. INDEPENDENT STUDY** 3 semester hours
An in-depth research study for seniors majoring in psychology working under the guidance of the psychology department faculty. The paper/project shall become a part of the holdings of Dover Library at the conclusion of the course. Prerequisite: Approval of the professor, chair and Dean. 0-Independent Study-3, 0-Independent Study-2.
- 497, 498. INTERNSHIP IN PSYCHOLOGY I AND II** 3 semester hours each semester
Prerequisite: senior standing and departmental approval. 1-5-3, 1-5-3.



Department of Religious Studies and Philosophy

Chair: Professor Cullinan

Professors: Lamb, Mumell, Partain

Associate Professor: M. Lutz

Assistant Professors: Parsons, D. Proctor

Instructor: Robinson

For each student enrolled in the college the Department of Religious Studies and Philosophy offers an introduction to the primary texts, the Old and New Testaments, which influence the development of the Judeo-Christian tradition. These introductions offer a survey of the history and faith of the communities out of which the texts emerge. They are intentionally placed in the context of a liberal arts education.

For students seeking a major, the Department of Religious Studies and Philosophy offers a major in Religious Studies with a choice of concentrations in either (1) Religion, (2) Education Studies or (3) Biblical Language and Literature. Each concentration presents a well-balanced course of study designed to acquaint each student with a variety of sub-disciplines and to nurture in each student disciplines appropriate for life-long learning and service.

Students seeking a minor with the Department of Religious Studies and Philosophy may choose one of four concentrations of study: (1) Biblical Studies, (2) Christian History and Thought, (3) Religious Education, or (4) Religious Studies.

Members of the Department of Religious Studies and Philosophy are committed (1) to a life of scholarly exploration into our Judeo-Christian heritage; (2) to living lives which reflect the ideals and values of that heritage (including the worth of every person and our responsibility to be servantal, seeking to follow the example of Jesus Christ; and (3) to communicate the ideals and values of our Christian faith on campus and in the community.

Requirements for a Bachelor of Arts Degree with a major in Religious Studies and Philosophy

The General Studies Requirements for the major with any of the three concentrations must be satisfied by completing courses in Group A.

The Minnesota Multiphasic Personality Inventory is administered to each student majoring in the department. This instrument provides the student the ability to look in a more intensive way at his/her personal strengths and weaknesses as they relate to ministry. The inventory and

interpretation are offered each fall semester. Students are encouraged to take the MMPI during their Sophomore or Junior years. Students must complete the MMPI and have a conference before they can register for courses in the fall semester of their senior year.

Concentration in Religion

Basic Course Requirements

Any foreign language is acceptable but Greek is highly recommended.

Concentration in Religion

Area I. Biblical Studies. Select 6 hours: 3 hours from Religion 302, 303, 306, 307 and 3 hours from Religion 311, 312, 314, 316 or 317.

Area II. Christian History and Thought. Select 3 hours from Religion 322, 323, 324, 326, 327, 333 or 337.

Area III. Christianity and the World. Select 3 hours from Religion 243, 246, 326, 341, 347 or 378.

Area IV. Related Disciplines. Select 3 hours from Religious Education 271, 371, 372, 373 or 376.

Area V. Religion Seminar. Select two of the following: Religion 491, 492, 493 or 494.

Area VI. Select 8 hours from one or more of Areas I, II, III and IV or Religion 251, 354, 486, Religious education 270, 374 or 401. Six hours of Greek language may apply toward the major after the Basic Course Requirements are satisfied.

Required Minor

The required minor must be taken in one discipline outside of the Department of Religious Studies and Philosophy. The student may wish to take courses from various departments constituting a cross-discipline minor. These courses must be approved by the faculty adviser.

Supportive Minor

The supportive minor requires:

(1) Six hours of literature courses offered by the Department of English Language and Literature

(2) Three hours selected from Religion 358, 397 or Religious Education 397

(3) Six hours selected from Philosophy 200, 337, 361, 362, Sociology 203, 320, 356, Management, Greek 300, 301, 302, Latin 301, and Communications 280.

Concentration in Biblical Language and Literature

Basic Course Requirements

Within the basic course requirements a student seeking a major in Religion with a concentration in Biblical Language and Literature is required to take Greek 101, 102, 201 and 202 as the basic language requirement.

Major Course Requirements

(1) Language requirements – 18 hours

Greek 301 and 302: 6 hours

Hebrew 201, 202, 301 and 302: 12 hours

(2) Literature requirements – 8 hours

Old Testament literature – 6 hours from Religion 302, 303, 306 and 307.

New Testament literature – 3 hours from Religion 311, 312, 314, 316 and 317.

(3) Senior Seminar – 6 hours

Religion 481 and 482.

Required Minor

(1) The student may choose any minor outside the Department of Religious Studies and Philosophy.

(2) The student may choose a cross-discipline minor.

Supportive Minor in Religious Studies

(1) English Literature – 3 hours from English 231 or 232.

(2) Christian History and Thought – 3 hours from Religion 246, 326, 341, 347 or 378.

(3) Christianity and the World – 3 hours from Religion 246, 326, 341, 347 or 378.

(4) Religious Education – 3 hours from Religion 270, 271, 373, 374, 376 or 401.

(5) Philosophy – 3 hours from Philosophy 200, 337, 361 or 362.

Concentration in Education Studies

Basic Course requirements

Any Foreign language is acceptable but Greek is highly recommended.

Major Course Requirements

Area I. Biblical Studies. Select 6 hours: 3 hours from Religion 302, 303, 306 or 307 and 3 hours from Religion 311, 312, 314, 316 or 317.

Area II. Christian History and Thought. Select 3 hours from Religion 322, 323, 324, 326, 327, 333 or 337.

Area III. Christianity and the World. Select 3 hours from Religion 243, 328, 248, 341, 347 or 378.

Area IV. Religious Education 271.

Area V. Senior Studies. Religious Education 375 and 480.

Area VI. Religious Education 270, 372 and 373.

Required Minor

The required minor may be selected from any other department. The student may wish to take courses from various departments constituting a cross-discipline minor. Those courses must be approved by the faculty advisor.

Supportive Minor

The supportive minor requires (1) Six hours of any Scripture courses offered by the Department of English Language and Literature; (2) Religious Education 371 and 374; (3) Three hours selected from Religious Education 377, 397, 401, Music 486, Health 221, 222 or a psychology course; (4) Religious Education 377 or 397 must be taken in the supportive minor or as an elective.

Minors Offered by the Department

Biblical Studies

A minor in Biblical Studies requires 18 semester hours as follows: three upper-level Old Testament courses and three upper-level New Testament courses.

Christian History and Thought

A minor in Christian History and Thought requires 18 semester hours as follows: Religion 322, 333, 325, and either 483 or 494. The remaining 6 hours are selected from Religion 243, 246, 324, 326, 327, 337, 341, 345 or 347.

Religious Education

A minor in Religious Education requires Religious Education 270, 271, 371 (or 372), 373 (or 375), 374 and 401 (or 480).

Religion

A minor in Religious Studies requires the following 18 semester hours: one advanced Old Testament course; one advanced New Testament course; one course selected from Religion 322, 323, 324, 326, 327, 333 or 337; one course selected from Religion 243, 246, 341 or 347; one religious education course; and one additional advanced religion course (except 304 and 305).

Description of Courses

Religion

- 101. INTRODUCTION TO THE OLD TESTAMENT** 3 semester hours
An introduction and survey of the Old Testament focusing upon the history, literature, and faith of the people of Israel. (Credit may not be earned for both Religion 101 and Religion 304.) 3-0-3, offered each semester.
- 102. INTRODUCTION TO THE NEW TESTAMENT** 3 semester hours
An introduction and survey of the New Testament focusing upon the history, literature and faith that gave rise to Christianity. (Credit may not be earned for both Religion 102 and Religion 305.) 3-0-3, offered each semester.
- 243. RELIGION AND MODERN EXPERIENCE** 3 semester hours
An introductory study of the nature of religion, the relationship between religion and culture, and some of the significant philosophical questions inherent in religious thought. 3-0-3.
- 244. EASTERN RELIGIONS** 3 semester hours
A historical study of the religions of the East and Middle East, especially Hinduism, Buddhism and Islam. 3-0-3.
- 261. BIBLICAL BACKGROUNDS** 3 semester hours
A survey of the history and environment of the biblical world presented either as a travel-study course to the Near East or as a regular lecture course on the campus. Lecture-Trip-3 or 3-0-3.
- 302. THE SACRED WRITINGS** 3 semester hours
A study of Hebrew poetry and selections of wisdom literature with special reference to its significance in the faith of ancient Israel. 3-0-3.
- 303. OLD TESTAMENT PROPHETS** 3 semester hours
A survey of prophecy in Israel with attention given to the historical settings of the individual prophets and to the relevance of their message. 3-0-3.
- 304. OLD TESTAMENT SURVEY** 3 semester hours
An introduction and survey of the Old Testament focusing upon the history, literature, and faith of the people of Israel. (Credit may not be earned for both Religion 101 and Religion 304.) 3-0-3.
- 305. NEW TESTAMENT SURVEY** 3 semester hours
An introduction and survey of the New Testament focusing upon the history, literature and faith that gave rise to Christianity. (Credit may not be earned for both Religion 102 and Religion 305.) 3-0-3.
- 306. OLD TESTAMENT THOUGHT** 3 semester hours
The key categories of the Old Testament are discussed. Attention is directed around the historical development of the concepts of God, man, salvation, creation and eschatology. 3-0-3.
- 307. STUDIES IN THE PENTATEUCH** 3 semester hours
A critical evaluation of the nature, background, structure, and message of the Pentateuch. 3-0-3.
- 311. THE TEACHINGS OF JESUS** 3 semester hours
A study of the person, work, and message of Jesus Christ as presented in the Synoptic Gospels. 3-0-3.
- 312. LIFE AND LETTERS OF PAUL** 3 semester hours
A study of Paul's life and thought as presented in his Epistles. 3-0-3.

- 314. NEW TESTAMENT THOUGHT** 3 semester hours
A study of certain key concepts of the New Testament which made a definite contribution to the faith of the Early Church. 3-0-3.
- 315. THE WRITINGS OF JOHN** 3 semester hours
A study of the background and interpretation of the Fourth Gospel, the Epistles of John, and the Book of Revelation. 3-0-3.
- 317. THE GENERAL EPISTLES AND HEBREWS** 3 semester hours
A study of the background, theology, and exegesis of James, 1 and 2 Peter, Jude, and Hebrews. 3-0-3.
- 322. EARLY AND MEDIEVAL CHRISTIANITY** 3 semester hours
A survey of the history of the Christian church to A.D. 1500. Prerequisite: History 101. 3-0-3.
- 323. MODERN CHRISTIANITY** 3 semester hours
Beginning with the Reformation this course is descriptive of church history to the present. Prerequisite: History 101. 3-0-3.
- 324. AMERICAN CHRISTIANITY** 3 semester hours
A historical survey of the American religious scene from the colonial period to the present. Primary emphasis is given to the development of the more prominent Christian denominations. 3-0-3.
- 325. BAPTIST HERITAGE** 3 semester hours
A study of the Baptists' story as well as those convictions and movements which have shaped their life. 3-0-3.
- 326. CHRISTIAN MISSIONS** 3 semester hours
A wide-ranging exploration of the Christian mission, including the background and current status of missions, the strategies and methods of cross-cultural missions, and key issues in mission discussion. 3-0-3.
- 327. THE RENAISSANCE AND REFORMATION ERA** 3 semester hours
This is a period study of Europe, beginning with fourteenth century Italy, and concluding with the Puritan struggle in England. (Also listed as History 327.) 3-0-3.
- 333. CHRISTIAN BELIEFS** 3 semester hours
An introduction to the history, methods, and principal topics of Christian theology. 3-0-3.
- 337. PHILOSOPHY OF RELIGION** 3 semester hours
An introduction to selected issues raised through a philosophical investigation of religion including, but not confined to, the nature of religious language, the existence of God, the problem of evil, faith, miracles, revelation, and the challenge of the religions of the world. (Also listed as Philosophy 337.) 3-0-3.
- 341. CHRISTIAN ETHICS** 3 semester hours
A systematic study of the nature of morality; a defense of "Christian" ethics; and exploration of principles of biblical ethics. Specific contemporary ethical issues provide the backdrop for discussions. 3-0-3.
- 347. JUDAISM** 3 semester hours
A study of modern Jewish worship and festivals, also the religion and philosophy characteristic of the Jewish movement. 3-0-3.
- 354. CHRISTIAN PREACHING** 3 semester hours
Guided readings and practice in the preparation and delivery of effective sermons. Prerequisite: six hours of religion. 3-0-3.

- 309. THE PASTOR'S WORK: A PRACTICUM** 3 semester hours
An introduction to the many facets of a pastor's work. The course combines reading, discussion, lectures and reflection with workshops, field trips and guided experience in a church or other ministry setting. Prerequisite: approval of the professor. 2-supervised experience-3.
- 329. AMERICAN RELIGIOUS GROUPS** 3 semester hours
A study of the basic history and teachings of *unaffiliated* American religious groups and how they compare and contrast with orthodox Christianity. Special emphasis will be given to the cult and occult phenomena as well as the electronic and mail order church. 3-0-3.
- 330. SELECTED TOPICS IN RELIGIOUS STUDIES** 3 semester hours
- 397. PASTORAL INTERNSHIP** 3 semester hours
A minimum of ten weeks spent in full-time supervised service in the pastoral work of a local church. Prerequisite: approval of instructor and department. 0-practical experience-3.
- 491. OLD TESTAMENT SEMINAR** 3 semester hours
Through research and creative development, the course explores concepts such as faith, doctrine and religious experience in the Old Testament. 3-0-3.
- 492. NEW TESTAMENT SEMINAR** 3 semester hours
Through directed readings, discussions and research, the course explores some of the major theological concepts in the New Testament. 3-0-3.
- 493. CHURCH HISTORY SEMINAR** 3 semester hours
Through research and discussion, an in-depth study of some of the major personalities, institutions and periods of the history of the Christian church. 3-0-3.
- 494. CONTEMPORARY THEOLOGY SEMINAR** 3 semester hours
A seminar consisting of directed readings, discussions and research with attention given to primary sources representative of theological investigation from Schleiermacher to the present. 3-0-3.
- 496. INDEPENDENT STUDY** 3 semester hours
A course consisting of guided readings, independent research, conferences with the supervising professor, and the production of a final paper reflecting the student's synthesis of readings, research and conferences. The final paper shall become part of the holdings of the Dover Library. 0-independent study-3.

Religious Education

- 270. INTRODUCTION TO RELIGIOUS EDUCATION FOUNDATIONS** 3 semester hours
An inquiry into the history, current trends, philosophy, and vocational possibilities of religious education as well as the history of Southern Baptist organizations of religious education. 3-0-3. offered each fall semester.
- 271. INTRODUCTION TO RELIGIOUS EDUCATION MINISTRIES** 3 semester hours
Guided studies, observations, and practical experiences in the educational leadership in the church, including special study in the areas of personal growth and development, church renewal, and outreach ministries. 3-1-3. offered each spring semester.

371. RELIGIOUS EDUCATION OF PRE-SCHOOLERS AND CHILDREN

3 semester hours

A study of the educational principles utilized in the religious education of pre-schoolers and children. Special emphasis will be given to the developmental characteristics of these age-groups as well as the values and the limitations of organizations and methods designed to teach them. 3-0-3, fall.

372. RELIGIOUS EDUCATION OF YOUTH AND ADULTS

3 semester hours

A study of the educational principles utilized in the religious education of youth and adults. Special emphasis will be given to the developmental characteristics of these age-groups as well as the values and limitations of organizations and methods designed to teach them. 3-0-3, spring.

373. RELIGIOUS EDUCATION FOUNDATIONS: CHURCH ADMINISTRATION

3 semester hours

A study of church polity, leadership, and administration with special attention given to organizational development theory and public relations. 3-0-3, fall.

374. PSYCHOLOGY OF RELIGION

3 semester hours

A study of the principles of psychology as related to religious experience designed to develop insight into each student's own spiritual life. Prerequisite: Psychology 201. 3-0-3, fall.

375. ORGANIZATIONS AND CURRICULUM

3 semester hours

An introduction to the Southern Baptist organizations of religious education through a study of their functions, leadership, structure, and curricula. 3-0-3, spring.

377. FIELD EDUCATION: THE MINISTRY OF EDUCATION

1 semester hour

A semester spent in part-time supervised service in a local church or denominational agency. Prerequisite: approval of the instructor and the department. 0-practical experience-1, offered each spring semester.

387. RELIGIOUS EDUCATION INTERNSHIP

3 semester hours

A minimum of ten weeks spent in full-time supervised service in a local church or denominational agency. Prerequisite: approval of the instructor and the department. 0-practical experience-3, offered each summer.

401. COUNSELING FOR CHURCH LEADERS

3 semester hours

A study of basic counseling techniques, such as referral, qualifications of the counselor, theories of personality, along with a consideration of basic counseling theories. A special emphasis will be given to a study of Integrity Therapy, Reality Therapy, Behavior Modification, and Transactional Analysis. Prerequisites: 6 hours of psychology. 3-0-3.

490. RELIGIOUS EDUCATION SEMINAR

3 semester hours

Guided reading, group discussion, and independent research offer the senior student the opportunity to study more deeply the scope of religious education ministry. Prerequisites: Religious Education 270 and senior standing. 3-0-3, offered each spring semester.

495. INDEPENDENT STUDY

3 semester hours

An in-depth study for senior majoring in religious studies who wish to write a research project in the field of religious education under the guidance of a faculty member assigned by the department. Prerequisite: approval of the instructor and of the department. 0-independent study-3, offered by arrangement.

Philosophy

300. INTRODUCTION TO PHILOSOPHY

3 semester hours

An introduction to the major types of philosophy (schools and movements) and the principal problems and questions of human existence. 3-0-3.

307. PHILOSOPHY OF RELIGION

3 semester hours

An introduction to selected issues raised through a philosophical investigation of religion including, but not confined to, the nature of religious language, the existence of God, the problem of evil, faith, revelation, and the challenge of the religions of the world. 3-0-3. (Also listed as Religion 307)

301. HISTORY OF PHILOSOPHY I

3 semester hours

An introduction and survey of the thinkers and systems of thought which have influenced the development of Western philosophy from the Pre-Socratics through the sixteenth century. 3-0-3.

302. HISTORY OF PHILOSOPHY II

3 semester hours

An introduction and survey of the thinkers and systems of thought which have influenced the development of Western philosophy from the Renaissance through the Modern Period. 3-0-3.

Department of Social Sciences

Chair: Professor L. Jobey

Professors: G. Blackburn, Eastman, Hambricht

Associate Professor: Munoz

Assistant Professors: Boan, Price, Yelton

Instructors: Sain, Ellington

The Department of Social Sciences accepts candidates for the Bachelor of Arts degree with a major in History, Social Science, and Sociology. The major purposes of the department are as follows: (1) to prepare students for careers such as teaching and social work; (2) to provide a foundation for continued study in graduate or professional schools; and (3) to help the student acquire an awareness of the major social, political, and economic situations existing in various world cultures past and present.

The teacher training program attempts to: (1) assure that the student acquires an understanding of the social, political, geographical, economic, and historical forces operating in society; (2) provide for in-depth preparation in history and the social sciences plus an intensive study in one or more of the major disciplines; (3) provide for development of the social studies skills required in formulating objectives, selecting content, using effective teaching strategies and evaluating learning; and (4) instill in the student an awareness of the need for continuing education and professional development. Students seeking secondary social studies certification must meet requirements for admission and completion of the teacher education program, select

a major and supportive minor in the department, and fulfill departmental requirements specified for teacher certification.

History Major Requirements

The Basic Course Requirements are satisfied with Group A.

A major in History requires 30 semester hours above History 101 and 102. As a part of the 30 semester hours, each student should have a minimum of 2 hours in American history and 8 hours in non-American history.

Required Minor

The required minor consists of 15 semester hours of courses outside the major department, as approved by the faculty adviser.

Required minor with Teacher Certification

The required minor with teacher certification includes EDU 201, 301, 316, 326, 440, 460; Psy 302, 303; and SSED 432. Additional teacher education requirements include Hss 221, and 6 hours of literature selected from two of three areas: English, American, and world literature.

Supportive Minor

The supportive minor consists of 18 semester hours of courses chosen from the areas of political science, sociology, and economics, as approved by the faculty adviser.

Sociology Major Requirements

The Basic Course Requirements are satisfied with Group A.

A major in Sociology requires 30 semester hours of Sociology including 201, 311, 330 and Psychology 306.

Required Minor

The required minor consists of 15 semester hours outside the department of the major as approved by the faculty adviser.

Required Minor with Teacher Certification

The required minor with teacher certification includes EDU 201, 301, 316, 326, 440, 460; Psy 302, 303; and SSED 432. Additional teacher education requirements include Hss 221, and 6 hours of literature selected from two of three areas: English, American, and world literature.

Supportive Minor

The supportive minor consists of 18 semester hours chosen from the areas of political science, history, economics, and psychology. The student seeking teacher certification must take the supportive minor in history, taking a minimum of 6 hours in American history and 6 hours in European history.

Social Science Major Requirements

The Basic Course Requirements are satisfied with Group A.

A major in Social Science requires 30 semester hours as follows: 6 hours in each of the following areas: history, political science, and sociology. Three hours of economics are required along with 9 hours of courses at the 300 or 400 level chosen from the social sciences other than the field of the supportive minor.

Required Minor

The required minor consists of 15 semester hours of course outside the major department, as approved by the faculty adviser.

Required Minor with Teacher Certification

The required minor with teacher certification includes EDU 201, 301, 316, 326, 440, 460; Psy 302, 303; and SSED 432. Additional teacher education requirements include Hss 221, and 6 hours of literature selected from two of three areas: English, American, and world literature.

Supportive Minor

The supportive minor consists of 18 semester hours of courses taken in one area of the social sciences, i.e., history, political science, sociology, psychology and economics. The student seeking teacher certification must take the supportive minor in history, taking a minimum of 6 hours in American history and 6 hours in European history.

Minors Offered by the Department

A minor in History requires History 201, 202, plus 12 additional hours of history as approved by the faculty adviser.

A minor in Sociology requires Sociology 201, plus 15 additional hours of sociology as approved by the faculty adviser.

A minor in Political Science requires Political Science 201, 202, plus 12 additional hours of political science as approved by the faculty adviser.

A minor in Social Science requires History 201, 202, Political Science 201, 202, Sociology 201, plus one additional 3 semester hour social science course as approved by the faculty adviser.

A minor in Criminal Justice requires 18 hours chosen from CJC 410, 420, 430, 487; SOC 411, PSC 314, MCIT 400, and NEA 401.

Description of Courses

Geography

- 101. INTRODUCTION TO PHYSICAL GEOGRAPHY** 3 semester hours
The study of climate, vegetation, soil, water resources, mineral resources, and land form from the geographic perspective. 3-0-3.
- 102. WORLD REGIONS** 3 semester hours
The study of physical and human geography of the various world regions. 3-0-3.

History

- 101. SURVEY OF WESTERN CIVILIZATION I** 3 semester hours
Beginning with earliest times, the course covers the civilizations of Egypt, Mesopotamia, Greece, Rome, Medieval and Early Modern periods. Concludes with 1715. 3-0-3.
- 102. SURVEY OF WESTERN CIVILIZATION II** 3 semester hours
Beginning with 1715, this course presents a perspective of the last three centuries of western history. 3-0-3.
- 201. SURVEY OF UNITED STATES HISTORY TO 1877** 3 semester hours
This course attempts to survey the social, intellectual, economic, geographical and constitutional foundations of the United States. 3-0-3.
- 202. SURVEY OF UNITED STATES HISTORY SINCE 1877** 3 semester hours
The purpose of this course is to survey the economic, social, political, geographic and international development of the United States from basically a rural society to an industrialized, urban world power. 3-0-3.
- 311. MEDIEVAL EUROPE** 3 semester hours
An examination of the significant social, religious and political developments in the Medieval West from the fall of the Roman Empire through the fifteenth century. Special emphasis is given to the synthesis of Roman, Christian and Germanic values and institutions in the Medieval period. 3-0-3.
- 315. THE UNITED STATES DURING THE COLONIAL PERIOD** 3 semester hours
The purpose of this course is to examine the settlement of the American colonies and the development of the social, political, intellectual and international factors that formed the foundations of American civilization. 3-0-3.
- 316. HAMILTON, JEFFERSON AND JACKSON** 3 semester hours
The purpose of this course is to examine the beginnings of American Federalism and its political, social, economic and international context. 3-0-3.
- 318. CIVIL WAR AND RECONSTRUCTION** 3 semester hours
The purpose of this course is to study and analyze the causes and events of the American Civil War and its consequences. 3-0-3.

316. THE UNITED STATES IN THE TWENTIETH CENTURY 3 semester hours
The purpose of this course is to examine the history of the United States in regard to events, movements, trends and the growth of the United States as a world power. The course also examines the influence of global economics and United States' diplomacy as a world power. 3-0-3.

322. EARLY AND MEDIEVAL CHRISTIANITY 3 semester hours
A survey of the most significant institutional, theological and social developments in the history of the Christian church from the first century through the later Middle Ages. 3-0-3.

323. MODERN CHRISTIANITY 3 semester hours
Beginning with the Reformation this course is descriptive of church history to the present. Prerequisite: History 101. 3-0-3.

324. AMERICAN CHRISTIANITY 3 semester hours
A historical survey of the American religious scene from the colonial period to the present. Primary emphasis is given to the development of the more prominent Christian denominations. 3-0-3.

327. THE RENAISSANCE AND REFORMATION 3 semester hours
An exploration of the major religious, social, intellectual and political changes to Western Europe from the late Middle Ages to the close of the sixteenth century. Particular emphasis is given to the relationship between Italian Humanism and the Protestant Reformation and to the continuity of the movement for Ecclesiastical Reform throughout the period. 3-0-3.

331. NINETEENTH CENTURY EUROPE 3 semester hours
This course explores the main aspects of the political, social, cultural, economic, intellectual, diplomatic and military events of European history from 1789 to 1914. Specific attention will be given to the French Revolution, conservatism, liberalism, nationalism, industrialization, imperialism and the outbreak of the First World War and the broad impacts of these ideas and events upon European civilization. 3-0-3.

332. TWENTIETH CENTURY EUROPE 3 semester hours
The course is designed to provide students with an in-depth understanding of the causes, course and impacts of the World Wars, Communism, Fascism/Nazism, the Cold War, the dream of European unity, decolonization and the emergence of an interdependent world and the collapse of Soviet hegemony in Eastern Europe on the political, social, economic, cultural, intellectual and diplomatic development of Europe. 3-0-3.

345. NORTH CAROLINA HISTORY 3 semester hours
A chronological study of the history of North Carolina from its colonial beginnings until the present. The state's problems and potential are carefully examined in the broader context of U.S. history. 3-0-3.

363. NON-WESTERN CIVILIZATIONS 3 semester hours
This is an examination of the development of African and Asian civilization with emphasis on the cultural and social impact of these civilizations on the present. 3-0-3.

369. HISTORY OF THE SOVIET UNION 3 semester hours
An examination of the Soviet Union from the Bolshevik Revolution to glasnost's perestroika, this course introduces the causes, course and impact of these events, plus the Civil War, Lenin, Stalin, the Second World War, the Cold War, Khrushchev's reforms and Brezhnev's conservatism on Soviet political, social, diplomatic, cultural and intellectual history. 3-0-3.

300. MODERN GERMANY SINCE 1799**3 semester hours**

This course is a detailed examination of the political, social, economic, cultural, intellectual, diplomatic and military development of modern Germany. The "German Question" the debate over whether the German people can exist as a unified nation without seeking to dominate their neighbors, remains a constant theme throughout the course. Other key topics include liberalism, nationalism, industrialization, the World Wars, Nazism, the occupation and division of Germany, and unification and the broad impacts of these events and ideas. 3-0-3.

411. DIPLOMATIC HISTORY OF THE UNITED STATES**3 semester hours**

The purpose of this course is to examine the foreign relations of the United States from its emergence as a nation in 1783 to its position as a leading power in the present century. The course focuses on relations with Latin America, Europe, the Far East, and Canada. 3-0-3.

412. HISTORY OF THE MIDDLE EAST**3 semester hours**

This course outlines a topical and chronological approach. Much attention is given to the strategic importance of this area to the rest of the world, the religion and culture of the people, and the contributions this area has made to the world's culture. 3-0-3.

413. HISTORY OF AFRICA SINCE 1800**3 semester hours**

The general history of peoples and areas of Africa, the continent's "years of national liberation," European imperialism's effects, Soviet activities, and the importance of Africa's resources to the modern industrial world. 3-0-3.

414. HISTORY OF ENGLAND TO 1689**3 semester hours**

Study of English history from Roman Britain to the Glorious Revolution of 1689. Special emphasis on Anglo-Saxon England, the Norman Conquest, the Tudor Dynasty and the constitutional conflicts of the seventeenth century. 3-0-3.

415. HISTORY OF ENGLAND SINCE 1689**3 semester hours**

A study of English history from the Glorious Revolution to the Contemporary era. Attention will focus on institutional, political and social developments. 3-0-3.

417. EUROPEAN IMPERIALISM**3 semester hours**

A study of European imperialism from the nineteenth century to the post-1940 period of decolonization. The course will focus on imperial expansion, cultural interchange between Europe and the Third World and the creation of the global age. Special attention will concentrate on the impact of imperial relationships in Africa and Asia and the geography of the region. 3-0-3.

418. EUROPE SINCE 1945**3 semester hours**

A study of European history from the Second World War to the present. This course will examine economic developments, the evolution of European unity, domestic politics of the European states cultural and social change, and Europe's role in the Contemporary world. 3-0-3.

430. SPECIAL TOPICS: EUROPEAN HISTORY**3 semester hours**

A specialized study of various historical developments in European History. Topics will vary from semester to semester. 3-0-3.

431. SPECIAL TOPICS: AMERICAN HISTORY**3 semester hours**

A specialized study of various historical developments in American History. Topics will vary from semester to semester. 3-0-3.

499, 400. INDEPENDENT STUDY**3 semester hours each semester**

Open to juniors and seniors who request and are given permission to do a guided reading and/or student-initiated research course that includes a written project/paper. Prerequisite: Approval by the professor offering the study, student's major department, and concurrence of the Dean. 0-Independent Study-3, 0-Independent Study-3.

Political Science

- 201. INTRODUCTION TO POLITICAL SCIENCE** 3 semester hours
A basic course in political science dealing with the fundamentals of persons politically organized. 3-0-3.
- 202. UNITED STATES GOVERNMENT** 3 semester hours
A comprehensive presentation of the principles of American constitutional government, and a behavioral analysis of the institutions and processes of the national and state governments and the Federal system. 3-0-3.
- 304. STATE AND LOCAL GOVERNMENT IN THE UNITED STATES** 3 semester hours
A study of the problems of governmental relationships and administrative management in state, county, and municipal government. 3-0-3.
- 311. EUROPEAN GOVERNMENT AND POLITICS** 3 semester hours
A detailed account of the political institutions and processes of France, Germany, the United Kingdom, and the U.S.S.R. 3-0-3.
- 314. JUDICIAL PROCESS** 3 semester hours
A study of judicial processes in the United States including pertinent court decisions and a general review of the administration of justice in our society. 3-0-3.
- 315. CIVIL LIBERTIES** 3 semester hours
A study of basic freedoms such as speech, press and religion as well as emphasis on the significance of equal protection of the law. Emphasis will be given to both court cases and the development of concepts such as freedom of expression. 3-0-3.
- 320. CONSTITUTIONAL LAW** 3 semester hours
A study of principles and leading cases with emphasis on judicial and executive elaboration and the development of civil liberties in the United States. 3-0-3.
- 321. INTERNATIONAL RELATIONS AND WORLD POLITICS** 3 semester hours
An analysis of politics among nations with emphasis on the changing international setting in the 20th century as the Third World nations become key part of world politics. 3-0-3.
- 323. AMERICAN POLITICAL PARTIES** 3 semester hours
A study of the history, structure and function of parties in the American system of government. 3-0-3.
- 326. SOUTHERN POLITICS** 3 semester hours
An analysis of the nature and style of Southern politics with emphasis on the development of two party politics and the rise of Black political participation. 3-0-3.
- 333. THE PRESIDENT AND CONGRESS** 3 semester hours
A study of the executive and legislative branches of government in the U.S. with an emphasis on their political development and interaction. 3-0-3.
- 408. INDEPENDENT STUDY** 3 semester hours
Open to juniors and seniors who request and are given permission to do a guided reading and/or student-initiated research course that includes a written project/paper. *Prerequisite:* Approval by the professor offering the study, student's major department, and concurrence of the Dean. 0-Independent Study (1-3).
- 497, 498. INTERNSHIP IN POLITICAL SCIENCE** 3 semester hours each semester
Three hours credit may apply to the student's major. *Prerequisite:* junior standing and departmental approval. 0-Practical Experience-3, 0-Practical Experience-3.

Sociology

- 291. INTRODUCTION TO SOCIOLOGY** 3 semester hours
An introduction to sociology, providing essentials for an understanding of the forces making for group life and for specialized study of sociological problems. 3-0-3.
- 292. SOCIAL PROBLEMS** 3 semester hours
An analysis of some of the major problems of personal and social disorganization in contemporary society with emphasis upon causes, treatment, and prevention. 3-0-3.
- 293. MARRIAGE AND FAMILY** 3 semester hours
A study of the practical problems of courtship and marriage, with emphasis on interpersonal relationships between husband and wife, and parents and children. While more attention is given to the American family, the family is studied in other parts of the world including Asia, Africa, Latin America, the Middle East and Europe. 3-0-3.
- 299. DEMOGRAPHY** 3 semester hours
A study of the changes in a population, how these changes occur and what impact these population changes have on geographical and economic systems. The course compares the American experience with lesser developed countries. 3-0-3.
- 319. SOCIAL PSYCHOLOGY** 3 semester hours
A study of the interaction between the individual and the group, and the influence of each on the other. 3-0-3.
- 311. SOCIAL RESEARCH METHODOLOGY** 3 semester hours
The scientific method is applied to social phenomena: formulating and testing hypotheses, techniques for collecting data, measuring social variables, interpreting research findings. The scientific method as applied to social sciences will be explored in the latter part of the course through student participation in the design and analysis of a survey. 3-0-3.
- 313. SOCIOLOGY OF DEVANT BEHAVIOR** 3 semester hours
An introduction to the sociological study and critical analysis of theories of deviant behavior. Descriptive and explanatory approaches to kinds and amounts of deviance in contemporary American society: social change, anomie and social disorganization theorized the process of stigmatization; formal and informal societal responses to deviance and the deviant. 3-0-3.
- 329. SOCIOLOGICAL THEORY** 3 semester hours
A systematic analysis of the trends and developments in sociological theory. Emphasis is placed on the current state of sociological theory and its relationship to empirical research. 3-0-3.
- 331. PRINCIPLES OF SOCIAL WORK** 3 semester hours
An examination of the field of social work: nature, scope, and functions of social work today, including public and private social agencies and institutions. 3-0-3.
- 340. SOCIAL CHANGE** 3 semester hours
An examination of social systems within the framework of functional and conflict theory with particular emphasis upon the planning of social change. 3-0-3.
- 356. SOCIOLOGY OF RELIGION** 3 semester hours
Religion analyzed as a social institution, with particular reference to the relationship between religious and non-religious spheres of society, the structure of religious organizations, and the social-psychology of religious behavior. 3-0-3.
- 396. INTRODUCTION TO STATISTICS** 3 semester hours
(See Psychology 395.) 3-0-3.

400. MINORITY GROUPS**3 semester hours**

A study of present-day racial and cultural minorities with emphasis on scientific facts about race and on changing attitudes and policies. In addition to studying minority relations in the United States, attention will be given to minority relations in South Africa, the Far East, Eastern Europe, Latin America and other parts of the world. 3-0-3.

411. CRIMINOLOGY**3 semester hours**

An analysis of the nature and extent of criminal behavior, factors which seem to be related to such behavior, and changing attitudes toward the criminal and crime control. 3-0-3.

421. THE COMMUNITY**3 semester hours**

A study of the structure and function of rural and urban communities, their institutions and problems. Differences between American communities and communities in other cultures will be examined. 3-0-3.

430. SPECIAL TOPICS: SOCIOLOGY**3 semester hours**

A specialized study of various sociological developments. Topics will vary from semester to semester. 3-0-3.

490. SOCIOLOGY SEMINAR**3 semester hours**

Independent research, guided readings and other learning experiences offers the senior student the opportunity to study more deeply the total scope of the field of sociology. 3-0-3.

497, 498. INTERSHIP**3 semester hours each semester**

Three hours credit may apply to the student's major. Prerequisite: senior standing and departmental approval. 1-0-3, 1-0-3.

Social Studies Education

307. SOCIAL STUDIES IN THE ELEMENTARY SCHOOLS**3 semester hours**

A study of the content, resources, and strategies in social studies education. This course includes examination of methods for planning, teaching, and evaluating history, geography, civics and other social studies. 3-0-3.

402. METHODS OF TEACHING**SECONDARY SOCIAL STUDIES****3 semester hours**

This course will examine methods of teaching secondary social studies, including the formulation of instructional objectives, use of multiple resources, selection of appropriate strategies, and a variety of techniques for assessing and evaluating student progress. Supervised field experience will be included. 3-0-3.



Special Programs

The Bachelor of Science Degree with a Major in Medical Technology

Gardner-Webb College is affiliated with the Bowman Gray School of Medicine of Wake Forest University and with Carolina's Medical Center whereby students may earn the Bachelor of Science degree in medical technology.

Students must apply directly to the clinical facilities for admission in the first semester of the Junior year. Admission is granted by the clinical facilities based on college transcript, national testing (AHPAT), recommendations and personal interview conducted by the clinical facilities.

Students accepted by either of the clinical facilities will complete three years at Gardner-Webb with a minimum of 98 hours and the final year of study, a full calendar year, at the clinical facility. The degree will be granted by Gardner-Webb College.

Degree Requirements	Semester Hours
BASIC COURSE REQUIREMENTS (Group B)	48
The natural science requirement must be met by taking Biology 101, any upper level biology course, and Chemistry 111 and 112. Mathematics 104 is required and will satisfy the mathematics requirement.	
MAJOR	32
The program of medical technology at the Bowman Gray School of Medicine or the Carolina's Medical Center Hospital takes the place of the major.	
SUPPORTIVE MINOR	15
Biology 203, 204, 206, and 411.	
CROSS-DISCIPLINE MINOR	15
Mathematics 103 is required. Other courses will be selected from areas outside of natural science.	
OTHER REQUIREMENTS	8-23
Chemistry 201 and 202 are required. Physics 103, or 201/202, Biology 301 and 422 are recommended.	
ELECTIVES	0-8
CONVOCAION	0-3
TOTAL	128

The Bachelor of Science Degree Leading to Certification as a Physician Assistant

The Physician Assistant Program is a cooperative program with the Bowman Gray School of Medicine. The student who enters the program will attend Gardner-Webb College for the first three years and may then apply for admission into the Physician Assistant Program at Bowman Gray School of Medicine. After a two-year program at Bowman Gray the student will graduate with a baccalaureate degree from Gardner-Webb College and will receive a Physician Assistant Certificate of graduation from Bowman Gray. Final certification as a physician assistant will be completed upon passage of an examination which is required by the state of North Carolina and most other states. The satisfactory completion of the examination satisfies the requirements for the student to be certified by the National Commission of Certification of Physician Assistants.

Entrance into the program at Bowman Gray requires that the student complete the Gardner-Webb College requirements and have at least 1,000 hours or a minimum of six months of clinical experience that includes interactions with patients and some responsibility for their care. Optimally, the student should have two years or more of clinical experience before making application to the Bowman Gray phase of the program.

The Gardner-Webb College requirements are designed to allow the student to enter the Physician Assistant Program or continue at Gardner-Webb and graduate with a degree either in biology or chemistry, depending on the interest of the student.

Degree Requirements	Semester Hours
BASIC COURSE REQUIREMENTS (Group C)	40-46
The social science requirements must be met by taking psychology and/or sociology.	
The mathematics requirement is Mathematics 103 and 104, or 221. Biology 101 and Chemistry 111 are required.	
MAJOR	32
The Physician Assistant Program at Bowman Gray School of Medicine takes the place of the major.	
SUPPORTIVE MINOR	17
Biology route: Biology 203, 204, 206, 301, and 381 or 382.	
OTHER REQUIREMENTS	
Chemistry route: Chemistry 112, 201, 202, 422;	
Physics 201, Mathematics 221	27
Biology route: Chemistry 112, 201, 202, 422	16
ELECTIVES	2-23
CONVOCAATION	0-4
TOTAL	128

Physical Therapy

Gardner-Webb College does not offer a program in physical therapy. However, students desiring to enter a degree program in physical therapy may take the two-year pre-physical therapy option, which has been approved by East Carolina University as meeting their requirements for the first two years of their program. Completion of this option at Gardner-Webb College does not guarantee acceptance into East Carolina's physical therapy program.



Directory and Appendices

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Louis Langston Atkins, 1989*, Professor of Education
B.S., Bluefield State College; M.Ed., Kent State University; Ph.D., Bowling Green State University.

Mark K. Anderton, 1989, Instructor in Health Education and Physical Education; Assistant Football Coach
B.A., University of Tennessee at Martin; M.Ed., University of Mississippi.

Charles S. Andrews, 1960, Professor of French and Spanish; Chair Department of Foreign Languages and Literature
A.B., Wofford College; M.A., Emory University; Additional study, Sorbonne, University of Paris; Ph.D., Florida State University

Susan C. Bell, 1988, Instructor in Art
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* year of appointment

Carolyn A. Billings, 1979, Professor of Music
B.M., Salem College; M.M., University of Illinois at
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Gáner W. Blackburn, 1968, Professor of History; Dean of Academic
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A.A., Gardner-Webb College; B.A., M.A., Wake Forest University;
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Robert R. Blackburn, 1958-1962; 1969, Professor of Health Education
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Ernest M. Blankenship, 1965, Associate Professor of English
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Rudoe D. Boan, 1987, Assistant Professor of Sociology
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Alma Mater

Hammett-Hammett

**At the foot of the mountains
Is our College; proud she stands,
Serving all who want her service,
Blessing all with outstretched hands.**

**With our hands we will serve thee,
Gardner-Webb, our College fair;
In our love we will uphold thee;
Our wealth we'll gladly share.**

Chorus

**Alma Mater, Alma Mater,
We sing our love to thee;
We pledge our hearts in deep devotion
Our love, our faith, eternally**

COMMUNICATIONS WITH GARDNER-WEBB COLLEGE

This bulletin contains pertinent information about Gardner-Webb College, its philosophy, policies, regulations and course offerings. All students and prospective students are urged to read it carefully.

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