

UNDERGRADUATE ACADEMIC PROGRAMS

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BACCALAUREATE DEGREE PROGRAMS AND AREAS OF STUDY

<p>American Indian Studies, B.A.</p> <p>American Studies, B.A. (see History)</p> <p>Art, B.A.</p> <p style="padding-left: 20px;">Studio Art (Ceramics, Digital Arts, Painting, Printmaking, or Sculpture)</p> <p style="padding-left: 20px;">Art Education Licensure (K-12)</p> <p>Biology</p> <p style="padding-left: 20px;">Biology, B.S.</p> <p style="padding-left: 40px;">Botany</p> <p style="padding-left: 40px;">Molecular Biology</p> <p style="padding-left: 40px;">Zoology</p> <p style="padding-left: 40px;">Biomedical Emphasis</p> <p style="padding-left: 40px;">Medical Technology Emphasis</p> <p style="padding-left: 40px;">Biology Education Licensure</p> <p style="padding-left: 40px;">Environmental Biology</p> <p style="padding-left: 20px;">Environmental Science, B.S.</p> <p style="padding-left: 20px;">Science Education, B.S.</p> <p>Business</p> <p style="padding-left: 20px;">Business Administration, B.S.</p> <p style="padding-left: 40px;">Economics</p> <p style="padding-left: 40px;">Finance</p> <p style="padding-left: 40px;">Information Technology Management</p> <p style="padding-left: 40px;">International Business</p> <p style="padding-left: 40px;">Management</p> <p style="padding-left: 40px;">Marketing</p> <p style="padding-left: 20px;">Accounting, B.S.</p> <p>Chemistry and Physics</p> <p style="padding-left: 20px;">Chemistry, B.S.</p> <p style="padding-left: 40px;">Professional</p> <p style="padding-left: 40px;">Molecular Biotechnology</p> <p style="padding-left: 40px;">Biomedical Emphasis</p> <p style="padding-left: 40px;">Medical Technology</p> <p style="padding-left: 40px;">Forensic Chemistry</p> <p style="padding-left: 40px;">Environmental Chemistry</p> <p style="padding-left: 40px;">Pre-Pharmacy</p> <p style="padding-left: 20px;">Applied Physics, B.S.</p> <p>Education</p> <p style="padding-left: 20px;">Elementary Education, B.S.</p> <p style="padding-left: 20px;">Middle Grades Education, B.S.</p> <p style="padding-left: 40px;">Language Arts and Social Studies</p> <p style="padding-left: 40px;">Mathematics and Science</p> <p style="padding-left: 20px;">Special Education, B.S.</p> <p style="padding-left: 20px;">Birth - Kindergarten Education, B.S.</p> <p>English, Theatre, and Languages</p> <p style="padding-left: 20px;">English, B.A.</p> <p style="padding-left: 40px;">English</p> <p style="padding-left: 40px;">English Education Licensure</p> <p style="padding-left: 40px;">Theatre Arts</p> <p style="padding-left: 20px;">Spanish, B.A.</p>	<p>Health, Physical Education, and Recreation</p> <p style="padding-left: 20px;">Physical Education, B.S.</p> <p style="padding-left: 40px;">Athletic Training</p> <p style="padding-left: 40px;">Exercise and Sport Science</p> <p style="padding-left: 40px;">Physical Education Licensure (K-12)</p> <p style="padding-left: 40px;">Recreation Management/Administration</p> <p style="padding-left: 20px;">Health Promotion, B.S.</p> <p>History</p> <p style="padding-left: 20px;">History, B.A.</p> <p style="padding-left: 40px;">History</p> <p style="padding-left: 40px;">Social Studies Education Licensure</p> <p style="padding-left: 20px;">American Studies, B.A.</p> <p>Mass Communications, B.S.</p> <p style="padding-left: 20px;">Broadcasting</p> <p style="padding-left: 20px;">Journalism</p> <p style="padding-left: 20px;">Public Relations</p> <p>Mathematics and Computer Science</p> <p style="padding-left: 20px;">Mathematics, B.S.</p> <p style="padding-left: 40px;">Mathematics</p> <p style="padding-left: 40px;">Mathematics Education Licensure</p> <p style="padding-left: 20px;">Computer Science, B.S.</p> <p>Music</p> <p style="padding-left: 20px;">Music, B.M. (with Licensure K-12)</p> <p style="padding-left: 40px;">Vocal Emphasis</p> <p style="padding-left: 40px;">Instrumental Emphasis</p> <p style="padding-left: 40px;">Keyboard Emphasis/Vocal</p> <p style="padding-left: 40px;">Keyboard Emphasis/Instrumental</p> <p style="padding-left: 20px;">Music, B.M.</p> <p style="padding-left: 40px;">Musical Theatre</p> <p style="padding-left: 20px;">Music, B.A.</p> <p style="padding-left: 40px;">Music</p> <p style="padding-left: 40px;">Music: Emphasis in Music Industry</p> <p>Nursing</p> <p style="padding-left: 20px;">Nursing, B.S.N. (for Registered Nurses)</p> <p style="padding-left: 20px;">Nursing, B.S.N.</p> <p>Philosophy and Religion, B.A.</p> <p>Political Science and Public Administration</p> <p style="padding-left: 20px;">Political Science, B.A.</p> <p style="padding-left: 40px;">Political Science</p> <p style="padding-left: 40px;">Pre-Law</p> <p style="padding-left: 40px;">Public Administration</p> <p style="padding-left: 40px;">International Studies</p> <p>Psychology and Counseling</p> <p style="padding-left: 20px;">Psychology, B.S.</p> <p>Science Education, B.S. (see Biology)</p> <p>Social Work, B.S.W.</p> <p style="padding-left: 20px;">Social Work</p> <p>Sociology and Criminal Justice</p> <p style="padding-left: 20px;">Sociology, B.A.</p> <p style="padding-left: 40px;">Sociology</p> <p style="padding-left: 40px;">Medical Sociology</p> <p style="padding-left: 20px;">Criminal Justice, B.A.</p>
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REQUIREMENTS AND OPTIONS FOR A BACCALAUREATE DEGREE

To earn a baccalaureate degree from the University of North Carolina at Pembroke, students must earn between 120 and 128 hours of course credit in a program of study that includes a Freshman Seminar (FRS 100), required of all freshmen during their first 15 hours, a General Education program of 44 hours, and at least one academic major.

UNC Pembroke operates on the traditional two-semester system and offers an extensive summer program designed to permit the academic acceleration of regular university students and to serve the needs of public school teachers. Summer Session is divided into two terms.

REQUIREMENTS FOR A MAJOR

A major is a planned program of study of between 30-50 semester hours of course credit, exclusive of courses applied to satisfy General Education requirements. At least 15 hours of credit must be in courses numbered above 299.

Detailed requirements for majors have been established by each department and can be found in the sections of this catalog describing undergraduate programs of study in the College of Arts and Sciences, the School of Business, the School of Education, and the Nursing Program.

REQUIREMENTS FOR A DOUBLE MAJOR

A student may elect to earn majors in two separate disciplines on the condition that the student meets all requirements for each major. The student who completes requirements for more than one major will receive only one degree, but at the time of initial graduation, the record will indicate both majors.

REQUIREMENTS FOR A SECOND BACCALAUREATE DEGREE

A student with a bachelor's degree may receive a second baccalaureate degree if it is a different degree and a different major by fulfilling the following requirements:

- (1) The student must meet all the requirements for the second degree and major.
- (2) The student must complete a minimum of 30 hours in residence beyond the requirement for the first degree.
- (3) The student must meet with the major department chair to determine an individual education plan. This plan must be forwarded to the Registrar.

A student without a bachelor's degree may receive two different baccalaureate degrees by fulfilling the following requirements:

- (1) The student must meet all the requirements for one degree (primary major).
- (2) The student must complete a minimum of 30 unduplicated hours in a different major and a different degree (secondary major).
- (3) The student must meet with both major department chairs to determine an individual education plan. This plan must be forwarded to the Registrar.

NOTE: Students may be assessed a 25% tuition surcharge once they have attempted 140 degree credit hours.

SPECIAL PROGRAMS AND INTERDISCIPLINARY PROGRAMS

Students earning a baccalaureate degree may take advantage of one or more special programs. Teacher Education and Health Professions Programs are described below. The Evening and Distance Programs are described under the School of Business. Aerospace Studies (Air Force ROTC) and Military Science (Army ROTC) are described under the School of Education. The following programs are described in detail under Special Programs and Interdisciplinary Majors and Minors.

SPECIAL PROGRAMS and INTERDISCIPLINARY MAJORS and MINORS	
University Honors College Program Teaching Fellows Program College Opportunity Program Career Development Program American Studies Major and Minor African American Studies Minor	Applied Gerontology Minor Gender Studies Minor Media Integration Studies Minor Personnel & Organizational Leadership Minor Substance Abuse Minor World Studies Minor

ACADEMIC AND PROFESSIONAL CONCENTRATIONS

In addition to majors and minors, a number of departments offer academic or professional concentrations. Any concentration requires at least 18 semester hours, depending on departmental requirements. A student must have a minimum cumulative QPA of 2.0 in academic and professional concentration courses to receive credit for the concentration. Teacher Education majors subject to The University of North Carolina requirement for completion of a concentration in a basic academic discipline may select one of these academic or professional concentrations to fulfill that requirement or may choose to earn a second major of 30 hours in Philosophy and Religion. Any student may elect to complete an academic or professional concentration in addition to a major. Students considering academic or professional concentrations should consult the appropriate academic department in the College of Arts and Sciences and School of Education sections.

ACADEMIC/ PROFESSIONAL CONCENTRATIONS	
American Indian Studies	Mathematics
American Studies	Music
Art	Physics
Biology	Political Science
English	Psychology
Exercise and Sport Science	Reading
Geography	Sociology
Geology	Spanish
History	

REQUIREMENTS FOR A MINOR

A recognized minor ordinarily consists of 18 to 21 semester hours of courses. With the approval of the department granting the minor, up to six hours of the courses counted toward a minor may be used to satisfy General Education, major requirements, or requirements of an additional minor. The award of a minor requires a minimum cumulative QPA of 2.0 in the minor and the formal approval of the department concerned. Successful completion of a minor will be noted on the student's official transcript. Student participation in minor programs will be optional. For more information see departments in undergraduate programs sections or, for *interdisciplinary minors, see Special Programs.

ACADEMIC MINORS		
*African American Studies	Health Promotion	Political Science
American Indian Studies	History	Psychology
*American Studies	International Sociology	Public Policy & Administration
*Applied Gerontology	Jazz Studies	Public Relations
Art	Journalism	Recreation
Athletic Coaching	Legal Studies	Religion
Broadcasting	Literature	Sacred Music
Business Administration	Marketing	Social Welfare
Community Development	Mathematics	Sociology
Computer Science	Medical Sociology	Spanish
Creative Writing	Music	Speech
Criminal Justice	*Media Integration Studies	*Substance Abuse
Economics	*Personnel & Organizational	TESOL
English	Leadership	Theatre
*Gender Studies	Philosophy	*World Studies
Geography	Physical Education	Writing
Geology	Physics	

FRESHMAN SEMINAR

Coordinator: Amanda M. Gengler

A university education requires attitudes and skills that go far beyond what students have needed previously. One of its most distinctive features is its direct confrontation with the limitations of human knowledge. In high school we relied on teachers and textbook writers to decide difficult issues; at the University we move into a domain where experts routinely disagree and many issues have no simple answers. Out of this experience, we learn a new respect for skepticism, open-mindedness, and our own creativity.

The University also introduces us to much greater personal freedom and independence. We move away from the security of our families into the world of college life. This change forces us to budget our own time and to sustain our own motivation for achievement.

Finally, the content of a university curriculum is more difficult to comprehend and retain than anything we have faced before. We read technical, specialized material and learn words we have never seen. We are asked to identify key ideas on our own and to review for comprehensive examinations.

All of these considerations suggest that new students should receive special instruction preparing them for the unique challenges of university life. Accordingly, The University of North Carolina at Pembroke has developed a course entitled Freshman Seminar (FRS 100). This course is a regular academic endeavor, with lectures, examinations, and academic credit. Its content is summarized in the description presented below. Students are encouraged to participate actively in this course and to prepare carefully for its examinations. Such effort may prove more valuable than any other activity undertaken during one's first months at the University.

A grade of "C" (2.0) or better must be earned in order to satisfy the Freshman Seminar requirement.

COURSE (FRS)

FRS 100. Freshman Seminar

General introduction to the academic substance, study methods, and special adjustment problems of university life. Conducted by faculty and staff from various departments. Required of all incoming freshmen during their first fifteen credit hours of course work at the University. Fall, Spring. Credit, 1 semester hour.

GENERAL EDUCATION PROGRAM

Graduation from The University of North Carolina at Pembroke is based on successful completion of General Education, which is required for all baccalaureate degrees, and upon successful completion of a specialized program for a major.

OBJECTIVES FOR GENERAL EDUCATION

The University of North Carolina at Pembroke seeks to graduate students with broad vision, who are sensitive to values, who recognize the complexity of social problems, and who will be contributing citizens with an international perspective and an appreciation for achievements of diverse civilizations. In addition to meeting all major program requirements, students awarded baccalaureate degrees by The University of North Carolina at Pembroke are required to complete a 44-hour General Education program. The General Education program has been designed to provide students with an understanding of the fundamental principles and contributions of a variety of disciplines and to foster the ability to analyze and weigh evidence, exercise quantitative and scientific skills, make informed decisions, write and speak clearly, and think critically and creatively. The specific areas of student learning are:

I. Academic Skills

Communication—The UNCP graduate should communicate effectively in writing and in speaking.

Critical Thinking—The UNCP graduate should read analytically and think critically.

Problem Solving—The UNCP graduate should, using technology where appropriate, be able to

- * identify and define a problem,
- * collect and organize information necessary to solve a problem,
- * select and conduct appropriate analysis to solve a problem, and
- * make decisions based on evidence and reasoning.

II. Knowledge and Applications

Arts, Literature, History, and Ideas—The UNCP graduate should demonstrate knowledge of, appreciation for, and understanding of contributions to society of:

- * the fine and performing arts,
- * the major literary works,
- * major world civilizations and their histories, and
- * major philosophic and religious belief systems.

Individual and Society—The UNCP graduate should demonstrate knowledge of:

- * human behavior, cultures, and societies,
- * social, political and economic institutions and relationships, and
- * geographical concepts.

Mathematics, Science, and Technology—The UNCP graduate should:

- * apply mathematical principles, concepts, and skills to meet personal and career demands,
- * demonstrate knowledge of the purpose, methods and principles of scientific inquiry,
- * better understand self and environment through knowledge of scientific principles and concepts, and
- * demonstrate knowledge of the effects of technology upon the physical and human environment.

III. Education for Life

Lifelong Learning—The UNCP graduate should demonstrate an appreciation of the need for the lifelong pursuit of additional skills and knowledge as an educated and informed citizen and demonstrate a sensitivity to the arts as essential to a full life.

Wellness—The UNCP graduate should demonstrate a knowledge and appreciation of the basic principles of wellness.

Cultural Diversity—The UNCP graduate should demonstrate a sensitivity to rights and views of others, an appreciation of various cultures, and an active concern for the well-being of others.

Values—The UNCP graduate should demonstrate knowledge of how values are formed and how they influence personal and societal actions.

GENERAL EDUCATION REQUIREMENTS (44 Hours Total)

For some majors, certain courses may count toward both General Education and Major requirements. Some courses have prerequisites. **Ask your advisor for assistance** in selecting appropriate courses.

I. Communication Skills (6 or 9 hours)

ENG 105 Composition I

ENG 106 Composition II

A full-time student must enroll in ENG 105, Composition I, immediately and must earn a “C” (2.0) grade or better before enrolling in ENG 106, Composition II. A student must remain continuously enrolled in ENG 105 and 106 until he or she has earned a “C” (2.0) grade or better in ENG 106.

All entering freshmen and all freshmen transfers must complete the ENG 105 and 106 sequence successfully before they earn a total of 60 credit hours. All students who transfer with 30 credits or more must complete ENG 106 during their first 30 semester hours at UNCP. Students who have not completed their composition courses at the end of the allotted time will no longer be permitted to register for 300 or 400 level courses. If they attempt to do so, the registrar’s office will cancel their registration and require them to register only for courses below the 300 level until they receive a “C” (2.0) in ENG 106. (The Enrollment Management Subcommittee of the Faculty Senate, or in emergencies the Assistant Vice Chancellor for Academic Affairs, will consider exceptional cases.)

SPE 102 Fundamentals of Voice and Diction.

All entering freshmen are required to take this course unless they test out of it. Upon earning 60 hours, a student must either have satisfied the speech requirement through testing, have taken SPE 102, or be registered for SPE 102 in the following semester.

II. Academic Content and Skills

A. Arts and Humanities Division (12 hours): Choose one course from each of these four areas:

(1) Fine Arts

ART 202 Introduction to Digital Arts

ART 205 Art Appreciation

ART 208 Survey of Art History I

ART 209 Survey of Art History II

THE 250 Introduction to Theatre

MUS 102 Introduction to Music Appreciation

MUS 104 Introduction to Jazz Appreciation

MUS 295 Music History and Literature I

MUS 298 History of Musical Theatre

(2) Literature (completion of ENG 105 and 106 with a 2.0 is prerequisite for these courses)

ENG 201 Southern Literature

ENG 202 Contemporary Literature

ENG 203 Literary Genres

ENG 205 World Literature Before 1660

ENG 206 World Literature After 1660

ENG 208 Women’s Literature

ENG 209 Literature and Film

ENG 210 African American Literature

ENG (AIS) 220 Native American Literature

ENG 223 American Literature Before 1865

ENG 224 American Literature After 1865

ENG 247 British Literature Before 1790

ENG 248 British Literature After 1790

(3) History

- HST 101 American Civilization to 1877
- HST 102 American Civilization since 1877
- HST (AIS) 110 History of the American Indian to 1865
- HST (AIS) 111 History of the American Indian since 1865
- HST 114 World Civilizations to 1500
- HST 115 World Civilizations since 1500

(4) Philosophy and Religion

- PHI 100 Introduction to Philosophy
- PHI 101 Introduction to Logic
- PHI 204 Introduction to Ethics
- REL 130 Introduction to Religion

B. Social Science Division (9 hours): Choose one course from each of three of five areas:**(1) Economics**

- ECN 100 Economic Perspectives
- ECN 202 Principles of Microeconomics
- ECN 203 Principles of Macroeconomics

(2) Geography

- GGY 101 Principles of Geography
- GGY 102 World Regional Geography
- GGY 200 Cultural Geography
- GGY (ECN) 206 Economic Geography

(3) Political Science

- PSPA 100 Introduction to Political Science
- PSPA 101 Introduction to American National Government

(4) Psychology

- PSY 101 Introductory Psychology

(5) Sociology

- SOC 102 Introduction to Sociology
- SOC (AIS) 105 Introduction to Cultural Anthropology
- SOC 209 Social Problems in Modern Society

University Honors College students only may substitute for courses in two disciplines:

- HON 100 Contemporary Public Issues
- HON 275 The Individual in Society

C. Natural Sciences and Mathematics Division (9 hours)

Natural Science (6 hours); choose one course from two (2) of the four (4) areas. Students selecting Physical Science 110 must select the other course from either Biology/Env. Science or Earth Science.

(1) Biology and Environmental Science

- BIO 100 Principles of Biology
- BIO 103 Basic Human Biology
- ENV 210 Environmental Science

(2) Chemistry

- CHM 130 General Chemistry I
- CHM 140 Chemistry for Health Sciences I

(3) Earth Science

- GLY (GGY) 115 Earth Science
- GLY (GGY,PHS) 246 Weather and Climate

(4) Physical Science

- PHS 110 Physical Science I
- PHS 156 Astronomy
- PHY 100 Elementary Physics I
- PHY 150 College Physics I
- PHY 200 University Physics I

University Honors College students only may fulfill one natural science course requirement with:

HON 151 Contemporary Issues in Science and Technology

Mathematics (3 hours); choose one course from those listed below

MAT 105 Introduction to College Mathematics

MAT 107 College Algebra

MAT 108 Plane Trigonometry

MAT 109 College Algebra and Trigonometry

MAT 215 Calculus with Applications

MAT 221 Calculus I

III. Physical Education and Wellness (2 hours)

Choose two of the following courses:

PED 101 Wellness and Fitness

PED 130 Fitness Walking

PED 131 Archery

PED 132 Badminton

PED 133 Golf

PED 134 Swimming

PED 135 Tennis

PED 136 Soccer

PED 137 Bowling

PED 138 Rhythms & Dance

PED 139 Racquetball

PED 141 Physical Conditioning

PED 145 Volleyball

PED 146 Weight Training

PED 177 Advanced Physical Conditioning (Aimed at Varsity Athletes)

PED 179 Aerobic Dance

PED (MSC) 180 Military Physical Training

PED (THE) 181 Stage Dance I

PED (THE) 182 Stage Dance II

PED 190 Outdoor Fitness

PED 195 Water Aerobics

IV. General Education Program Electives (6 hours, or 3 hours if SPE 102 required)

Choose **two** additional courses from those listed below. These two courses must be from different divisions except for the foreign language option. Students who take SPE 102 for Basic Skills take 3 hours of electives, which may not be SPE 200 or SPE 201.

Foreign Language Option

Students electing the foreign language option **MUST** complete two courses of the **same** foreign language to satisfy the Program Electives area of General Education.

FRH 131, 132 Elementary French

FRH 231, 232 Intermediate French

GER 131, 132 Elementary German

GER 231, 232 Intermediate German

ITL 131, 132 Elementary Italian

SPN 131, 132 Elementary Spanish

SPN 231, 232 Intermediate Spanish

XXX 131, 132 Introductory Foreign Language Study

XXX 231, 232 Intermediate Foreign Language Study

Arts and Humanities Division Elective

Fine Arts

ART 101 Elements of Design

ART 202 Introduction to Digital Arts

ART 205 Art Appreciation
 ART 208 Survey of Art History I
 ART 209 Survey of Art History II
 ART 256 Web Design
 ARTS 1xx Special Topics in Art
 THE 201 Elements of Acting
 THE 250 Introduction to Theater
 MUS 102 Introduction to Music Appreciation
 MUS 104 Introduction to Jazz Appreciation
 MUS 296 Music History & Literature II
 MUS 298 History of Musical Theatre

Literature and Speech (a 2.0 in ENG 105 and 106 is prerequisite for the ENG courses)

ENG 201 Southern Literature
 ENG 202 Contemporary Literature
 ENG 203 Literary Genres
 ENG 204 Mythology of All Peoples
 ENG 205 World Literature Before 1660
 ENG 206 World Literature After 1660
 ENG 208 Women's Literature
 ENG 209 Literature and Film
 ENG 210 African American Literature
 ENG (AIS) 220 Native American Literature
 ENG 223 American Literature Before 1865
 ENG 224 American Literature After 1865
 ENG 247 British Literature Before 1790
 ENG 248 British Literature After 1790
 ENGS 2xx Studies in Literature
 SPE 200 Interpersonal Communication
 SPE 201 Fundamentals of Speech

History

HST 101 American Civilization to 1877
 HST 102 American Civilization since 1877
 HST (AIS) 110 History of the American Indian to 1865
 HST (AIS) 111 History of the American Indian since 1865
 HST 114 World Civilizations to 1500
 HST 115 World Civilizations since 1500

Philosophy and Religion

AIS 201 American Indian Culture
 PHI 100 Introduction to Philosophy
 PHI 101 Introduction to Logic
 PHI (REL) 102 Perspectives on Humanity
 PHI (REL) 202 Philosophy of Religion
 PHI 204 Introduction to Ethics
 PHI 205 Social and Political Philosophy
 PHI 211 American Philosophy
 REL 105 Introduction to the Old Testament
 REL 106 Introduction to the New Testament
 REL 130 Introduction to Religion
 REL 209 Religion in America
 REL (AIS) 213 American Indian Religious Traditions
 REL 214 Introduction to Religious Ethics
 REL 216 Religions of the Far East
 REL 218 Religions of the Near East

University Honors College students only may take 1 as a Humanities Division Elective:

HON 200 The Humanistic Tradition I: Pre-History to the Baroque Era

HON 201 The Humanistic Tradition II: From Baroque to the Present

Social Science Division Elective

Economics

ECN 100 Economic Perspectives

ECN 202 Principles of Microeconomics

ECN 203 Principles of Macroeconomics

FIN 205 Personal Finance

Geography

GGY 101 Principles of Geography

GGY 102 World Regional Geography

GGY 200 Cultural Geography

GGY (ECN) 206 Economic Geography

Political Science

PSPA 100 Introduction to Political Science

PSPA 101 Introduction to American National Government

Psychology

PSY 101 Introductory Psychology

Sociology

SOC 102 Introduction to Sociology

SOC (AIS) 105 Introduction to Cultural Anthropology

SOC 209 Social Problems in Modern Society

Natural Science and Mathematics Division Elective

Natural Science

BIO 100 Principles of Biology

BIO 101 General Botany

BIO 102 General Zoology

BIO 103 Basic Human Biology

ENV 210 Environmental Science

CHM 130 General Chemistry I

CHM 131 General Chemistry II

CHM 140 Chemistry for Health Sciences I

CHM 141 Chemistry for Health Sciences II

GLY 100 Physical Geology

GLY (GGY) 115 Earth Science

GLY (GGY) 125 Earth History

GLY 226 Physical Oceanography

GLY (GGY, PHS) 246 Weather and Climate

GLY (GGY) 262 Environmental Geology

PHS 110 Physical Science I

PHS 111 Physical Science II

PHS 156 Astronomy

PHY 100 Elementary Physics I

PHY 101 Elementary Physics I

PHY 150 College Physics I

PHY 151 College Physics II

PHY 200 University Physics I

PHY 201 University Physics II

University Honors College students only may take the following as a Divisional Elective

HON 251 Horizons in Math and Computer Science

Mathematics and Computer Science

CSC 202 Microcomputer Programming

MAT 105 Introduction to College Mathematics

MAT 107 College Algebra
MAT 108 Plane Trigonometry
MAT 109 College Algebra and Trigonometry
MAT 118 Finite Mathematics
MAT 210 Introduction to Statistics
MAT 215 Calculus with Applications
MAT 221 Calculus I
MAT 222 Calculus II

UNIVERSITY HONORS COLLEGE

Dean: Jesse Peters

HONORS COUNCIL

Robert W. Brown (Chair)	Elizabeth Normandy	Irene P. Aiken
Howard Ling	Preston Swiney	Elizabeth W. Maisonpierre
Thomas A. Dooling	Joseph W. Goldston	Abdul Ghaffar
William Gash	Bruce Blackmon	Susan Edkins
John McMillan	Diane Jones	Monika Brown

The University Honors College at UNC Pembroke recognizes and promotes the scholarly and personal growth of outstanding students. University Honors College students are provided interdisciplinary educational opportunities that enhance the general curriculum. These opportunities are developed around a learning community of honors students and include selected general education courses, small interdisciplinary seminars, cultural and service programs, and shared residential facilities with other honors students. The University Honors College offers an intellectually stimulating social environment; greater curricular flexibility; more personal contact and scholarly discussion with students and faculty from the various disciplines; and closer interaction with individual faculty members in the College. Each University Honors College student will prepare a senior project under the supervision of a faculty mentor.

University Honors College students are selected on the basis of class rank, high school grades, Scholastic Aptitude Test (SAT) scores or American College Testing (ACT) scores, and extra-curricular and community achievements. Students already enrolled at UNC Pembroke and transfer students are also eligible to apply for admission to the University Honors College. University Honors College students are appointed by the Dean of the University Honors College upon the recommendation of the Honors Council.

To remain in the University Honors College, students are required to maintain a minimum overall quality-point average of 3.0 upon completion of the freshman year, 3.25 upon completion of the sophomore year, and 3.5 upon completion of the junior year. University Honors College students will receive a University Honors College diploma and will be recognized at commencement. To graduate with the University Honors College designation, the student must complete the University Honors College program.

University Honors College students will take several courses together during the freshman year prior to beginning their major course work. These courses include Honors English, Honors Biology, and one interdisciplinary seminar. University Honors College students will be required to take three additional interdisciplinary honors seminars during the freshman and sophomore years. During the junior and senior years, University Honors College students design, complete, and present their University Honors College Thesis/Project. All University Honors College students are advised by the Dean of the University Honors College until they declare a major field of study.

The six HON seminars are usually offered according to the following schedule:

Fall: HON 100, 150, 200; Spring: HON 151, 201, 275

Transfer students and students entering the University Honors College as other than freshmen will also be expected to take the four honors seminars, so long as they can be fitted into the student's program of study. The number of honors courses that transfer students or non-freshmen will be required to take will be determined by the Dean of the University Honors College, after consultation with the student and the Honors Council.

Honors Thesis/Project: All University Honors College students must complete HON 400 (Research Methods and Prospectus [one semester hour]) and HON 450 (Honors Thesis/Project [three semester hours]) prior to graduation. University Honors College students who elect to complete a senior Thesis/Project in their major department may substitute an equivalent departmental course for HON 450. The departmental Thesis/Project must meet the standards for the Honors Thesis/Project

established by the Honors Council. The Honors Council and the Dean of the University Honors College recommend that HON 400 should be taken during the fall semester of the junior year. Students failing to complete the HON 400 course by the end of the junior year will not be continued on their academic scholarship. University Honors College students should plan on presenting their Thesis/Project at the end of the fall semester of the senior year. Requirements and procedures for the University Honors College Thesis/Project are outlined in The Preparation of the University Honors College Thesis/Project. Copies of this guide are available from the Dean of the University Honors College or the Chair of the Honors Council.

The University Honors College is currently undergoing revision and restructuring. University Honors College students should therefore consult with the Dean of the University Honors College or the Chair of the Honors Council concerning these revisions.

COURSES (HON)

HON 100. Contemporary Public Issues

Analysis of selected contemporary events from the points of view of history, political science, psychology, geography, economics, philosophy, religion, and sociology, in the light of weekly world developments. Emphasis upon the appreciation and development of logic and style in critical thought in considering international and domestic conflicts, human rights and institutional effectiveness, freedom and responsibility, and resources, technology, and the environment. Fall. Credit, 3 semester hours. Honors students receive General Education credit for a course in the Social Sciences Division.

HON 151. Contemporary Issues in Science and Technology

An interdisciplinary examination of scientific and technological issues of current global significance. The scientific principles relating to each topic will be examined, followed by analysis of management possibilities and problems, technological applications, and implications for society. Where appropriate, laboratory experiences (both on and off campus) will be involved which expose the student to relevant techniques and methodology. Spring. Credit, 3 semester hours. Honors students receive General Education credit for a course in the Physical Science area of the Natural Sciences and Mathematics Division.

HON 200. The Humanistic Tradition I: Pre-History to the Baroque Era

Interdisciplinary examination of cultures in selected epochs from prehistory to the Baroque Era. Illustrative works and ideas from literature, art, music, religion, and philosophy, studied to characterize each period and its contribution to humanity's self-understanding. Fall. Credit, 3 semester hours. Honors students receive General Education credit for a course in the Divisional Electives area of Humanities.

HON 201. The Humanistic Tradition II: From Baroque to the Present

Interdisciplinary examination of cultures in selected epochs from the Baroque to the present. Antecedents and consequences of some focal cultural themes chosen for the semester, e.g. naturalism in European literature, the experience of the American frontier, the philosophy of the Age of Enlightenment, and political and social upheaval in the French Revolution. Spring. Credit, 3 semester hours. Honors students receive General Education credit for a course in the Divisional Electives area of Humanities.

HON 251. Horizons in Math and Computer Science

Current approaches to mathematical modeling, data acquisition, and data analysis with respect to natural systems, emphasizing microcomputer applications to scientific problems. Students will gain experience in the use of available computational resources, including commercial software, microcomputers, and mainframe facilities. Fall. Credit, 3 semester hours. Honors students receive General Education credit for a course in the Divisional Electives area of Natural Sciences and Mathematics.

HON 275. The Individual in Society

Recent topics concerning advances in the study of human behavior are examined within a seminar format. Relevant readings are assigned on brain/behavior connections, social roles, and theories of

personality. Class presentations and discussion form a major portion of the course. Honors students receive General Education credit for a course in the Social Sciences Division.

HON 400. Research Methods and Prospectus

Preparation of a prospectus for the thesis or project, in consultation with an advisor. Group discussion on the methodology, standards, and experience of research and criticism. Pass/Fail grading. Fall. Credit, 1 semester hour.

HON 450. Honors Thesis/Project

Preparation of a thesis or project in consultation with a faculty committee chosen by the student; presentation of the work in seminar. Independent study in the student's major is encouraged. Spring. Credit, 3 semester hours.

HON 499. Honors Independent Study

Open to Honors College students to pursue supervised independent innovative learning. Independent study may include laboratory research, study abroad, or mentored independent projects. Requires written permission of the proposed mentor and the Honors College Dean. Credit, 1 - 3 semester hours. May be repeated for a total of 6 hours in no more than two semesters.

TEACHER EDUCATION PROGRAMS

The University offers teacher licensure programs through the School of Education and secondary licensure programs through departments in the College of Arts and Sciences.

For a description of the Teacher Education program and its requirements and policies, see the School of Education section.

The Teacher Education Program at UNCP is a cross-disciplinary program, governed by the Teacher Education Committee and administered by the Dean of the School of Education. General information about admission to the Teacher Education Program, policies and procedures, licensure and testing requirements, special programs, and resources appears in the School of Education section of this catalog. Please note that some licensure areas or majors are housed in the School of Education and some are housed in their respective academic departments in the College of Arts and Sciences. If you are looking for information about a specific program area, refer to the chart below to find out where it is housed and the name of the program coordinator.

Undergraduate Licensure Program Area	Location	Program Coordinator
Biology Education (secondary 9-12)	Dept. of Biology	Ms. Rachel McBroom
English Education (secondary 9-12)	Dept. of English, Theatre, and Languages	Dr. Virginia P. Jones
Mathematics Education (secondary 9-12)	Dept. of Mathematics and Computer Science	Dr. Mary Klinikowski
Science Education (secondary 9-12)	Dept. of Biology	Ms. Rachel McBroom
Social Studies Education (secondary 9-12)	Dept. of History	Dr. Julie L. Smith
Art Education (K-12)	Dept. of Art	Dr. Tulla Lightfoot
Music Education (K-12)	Dept. of Music	Dr. Janita K. Byars
Physical Education (K-12)	Dept. of Health, Physical Education, and Recreation	Dr. Tommy Thompson
Exceptional Children (K-12)–General Curriculum (Mild Disabilities)	Dept. of Education	Dr. Larry Schultz
Birth to Kindergarten (B-K)	Dept. of Education	Dr. Karen Stanley
Elementary Education (K-6)	Dept. of Education	Dr. Swannee Dickson
Middle Grades Education (6-9)	Dept. of Education	Dr. Janet Fortune

SPECIAL PROGRAMS AND INTERDISCIPLINARY PROGRAMS

TEACHING FELLOWS PROGRAM

Director: Karen Granger

The University of North Carolina at Pembroke is one of the fourteen institutions participating in the North Carolina Teaching Fellows Program. See the School of Education for a description of this program.

COLLEGE OPPORTUNITY PROGRAM

Director: Sandra M. Stratil

Deana Johnson

The College Opportunity Program is designed to admit a limited number of students who meet most, but not all, of The University of North Carolina at Pembroke's regular admission standards. Students are selected on the basis of high school academic record, scholastic standing in the high school graduating class, and SAT or ACT scores. The application for admission should be filed as early as possible.

Students enter the College Opportunity Program in the summer for a five-week session, which includes freshman testing and courses designed to develop academic skills which will be necessary for the Fall Semester. Students who successfully complete these summer courses are then eligible to continue in the Fall Semester. In the Fall and Spring Semesters, the student is allowed to register for 15 hours of academic courses. In addition, students meet regularly with the COP advisor for academic counseling. Students who meet the University's academic eligibility requirements and have successfully completed the College Opportunity Program (made a "C" or better in both ENG 105 and ENG 106) then continue at the University as other regularly admitted students.

CAREER DEVELOPMENT PROGRAM

Director: Denisha Sanders

This program, offered by the Career Services Center, is designed for students at all academic levels and in all majors. The purpose of the program is to assist students in developing the skills required for successful, lifelong career planning.

COURSE (CAR)

CAR 101. Introduction to Career Development

Students are exposed to all aspects of the career planning process, including self-assessment, decision-making related to choosing a major and identifying related career options, goal setting, career and job research, and job search tools and strategies. Spring. Credit, 2 semester hours.

INTERDISCIPLINARY MAJORS AND MINORS

AMERICAN STUDIES MAJOR and MINOR

Coordinator: Stephen W. Berry

American Studies is an academic discipline concerned with the diversity of the American experience; it is a liberal arts program designed to provide students with an opportunity for multidisciplinary study of the culture of the United States through a variety of perspectives, including history, art, music, literature, film, ethnic studies, and gender studies. Having a cultural studies focus, the program examines America through forms of expression and through its major social, economic, and political structures, both in the past and the present.

See the Department of History for a complete description of this program.

SCIENCE EDUCATION MAJOR

Coordinator: Rachel McBroom

See the Department of Biology for a description of this interdisciplinary program for teacher preparation, which offers teaching concentrations in Biology, Chemistry, Earth Science, or Physics.

AFRICAN AMERICAN STUDIES MINOR

Coordinator: Frederick H. Stephens

The Departments of Social Work; English, Theatre, and Languages; Geology and Geography; History; and Political Science and Public Administration offer a multidisciplinary minor in African American Studies. This program is designed to introduce the student to the knowledge base of African American contributions to American society and to provide a theoretical approach to understanding African American culture. The student interested in this multidisciplinary minor will have the opportunity to conduct research in areas of African American Studies.

Requirements for an African American Studies Minor

Sem Hrs.

Guided Electives: Students must take 18 hours from the courses below, selecting courses from at least three different areas (i.e., SWK, ENG, GGY, HST, PSPA).*

Area 1: Social Work/Sociology and Criminal Justice

SWK 382/SOC 382 African American Populations

Area 2: Literature

ENG 210 African American Literature; ENG 310 The Harlem Renaissance; ENGS 2xx (relevant topics only); ENGS 4xx as AASS 4xx (relevant topics only)

Area 3: Geography

GGYS 4xx as AASS 4xx (relevant topics only)

Area 4: History

HST 361 as AAS 361; HST 362 as AAS 362; HST 375 as AAS 375; HST 402 as AAS 402 (relevant topics only); HSTS 4xx as AASS 4xx (relevant topics only)

Area 5: Political Science

PSPA 375 as AAS 375; PSPS 300-310 as AAS 300-310 (relevant topics only); PSPA 398 as AAS 398 (relevant topics only); PSPA 420 as AAS 420 (relevant topics only); PSPA 430 as AAS 430

Total: 18

*Permission of the African American Studies Coordinator is required before any topics course may be used to meet the requirements for the minor in African American Studies.

APPLIED GERONTOLOGY MINOR

Coordinators: Stephen M. Marson and Fran Fuller

The Programs in Biology, Nursing, Recreation, Sociology, and Social Work offer an interdisciplinary Minor in Applied Gerontology. The Minor is designed to enhance the student's knowledge base in gerontology for both personal growth and professional advancement. The Minor offers the student understanding of causal linkages between the changes in biological functioning and their psychosocial adaptations. The Minor also addresses the manner in which one can effectively deal with the changes of aging while still maintaining a productive life.

In order to successfully complete the Minor in Applied Gerontology, the student is required to enroll in a field practicum within his/her major. The internship must be completed under the auspices of an institution or agency whose primary function is related to the elderly population.

Requirements for an Applied Gerontology Minor

Select 17 hours from the following: BIO 103 or PED 349 (3), SWK 270 (2), NUR 330 (3), PSY 305 (3), REC 425 (3), SOC 375 (3), CRJ 451 (3), SWK 384 (3), and any course with the GERS designation sponsored by the Southeastern Gerontology Consortium

Complete a field practicum in an agency that serves the elderly population

Sem. Hrs.

Total: 17

GENDER STUDIES MINOR

Coordinators: E. Brooke Kelly and Rasby Marlene Powell

See the Department of Sociology and Criminal Justice for a description of this interdisciplinary program.

MEDIA INTEGRATION STUDIES MINOR

Coordinator: John Antoine Labadie

Media Integration Studies (MIS) is an opportunity for interdisciplinary study in digital studios within three academic departments: Art, Mass Communications, and Music. Projects and assignments emphasize various aspects of applied information technologies (IT) often termed multimedia. Instruction in the use of both hardware and software emphasizes the following areas: still digital image-making, digital photography, computer-based printing, digital audio recording and editing, MIDI (Musical Instrument Digital Interface), digital animation, and digital videography and editing. Additional courses for the MIS minor are offered by the departments of English, Philosophy, and Sociology and Criminal Justice. Students involved in the MIS minor thus have the opportunity to study, across six academic departments, both the practice of multimedia as well as the effects of such media on the individual, on society, and in the arts.

Requirements for a Media Integration Studies Minor

Required Courses: ART 202, ART/BRD/MUS 380, 458, 480

Electives: Choose 2 courses from PHI 102, MCM 210, SOC 222, ENG 290, ART 250, BRD 280, MUS 358

Sem. Hrs.

12

6

Total: 18

PERSONNEL AND ORGANIZATIONAL LEADERSHIP MINOR

Coordinator: Ed Powers

The Departments of Psychology and Counseling and Political Science and Public Administration and the School of Business offer an interdepartmental minor in Personnel and Organizational Leadership. This program is designed to provide the following competencies: 1) a theoretical understanding of the basic psychological processes that operate in work settings; 2) skill in establishing rapport with co-workers; 3) skill in assessing the qualifications and performance of others; 4) skill in managing and training others; and 5) a theoretical understanding of organizational structure and the forces that influence it.

Students majoring in any subject are eligible to participate in the Personnel and Organizational Leadership minor. Those who are interested should consult with the department chair from Psychology and Counseling or Political Science and Public Administration or the dean of the School of Business. Since many courses in the minor have prerequisites that can be taken to meet General Education requirements, early planning will be to the student's advantage.

Requirements for a Minor in Personnel and Organizational Leadership	Sem Hrs.
Psychology: select 3 courses from the following PSY 216, 316, 317, 403, 415	9
Management/Administration: select 3 courses from the following MGT 306, 309, 408, 466; ECN 407; PSPA 210, 319, 360	9
	Total: 18

A particular course cannot be used to satisfy the requirements of both a major and a minor at the same time.

SUBSTANCE ABUSE MINOR

Coordinators: Norman Layne and Sherry Edwards

A 19-20 semester hour undergraduate minor in substance abuse is available to undergraduate students from any major. Students interested in obtaining jobs in substance abuse will find that completion of this minor will enhance their marketability with regard to entry-level jobs. Further, for those students interested in working toward North Carolina Substance Abuse Certification, the Coordinators will provide guidance and assistance that will facilitate the achievement of Certification in North Carolina.

Requirements for A Minor in Substance Abuse	Sem. Hrs.
Required Courses: SAB/CRJ 283, SAB 377, SAB 455, SAB 461 or SAB 465	12
Elective Courses: Select 8-9 hours from the following: CRJ/SOC 367, CRJ/SWK 350, SAB/SWK 270, SOC 209, SOC 303, SOC/SWK 245	8-9
	Total: 20-21

COURSES (SAB)

SAB 270. Medical Terminology (SWK 270)

Students are introduced to the most frequently used medical terms and abbreviations. Intended primarily for students in social behavioral science curricula who seek careers in medical organizations. As announced. Credit, 2 semester hours.

SAB 283. Interviewing Skills (CRJ 283)

This course teaches practical skills and the theories behind them for interviewing and recording of interviews in legally and emotionally sensitive areas, such as knowledge about criminal conduct and victimization, child, domestic and substance abuse. Systems theory is applied to the selection of tech-

niques to be used in different interviewing circumstances, recognizing such critical status distinctions as victim, witness, or suspect. The course employs lecture, discussion, readings, interviewing assignments, simulations, role-playing, audio-visual taping, and documentation exercises. As announced. Credit, 3 semester hours.

SAB 377. Drug Use and Abuse (HLTH 377, SOC 377)

A study of the types and functions of pharmaceutical treatments. Drug addiction is analyzed as a social, psychological, and biological process. Fall. Credit, 3 semester hours. Prerequisite: SOC 201 or permission of instructor.

SAB 455. Treatment of Alcohol and Drug Addiction (SWK 455)

Substance abuse treatment and rehabilitation involving individual clients, families, and groups is addressed. Modalities of treatment, treatment planning, case management, and managed care in addictions are also addressed. Spring. Credit, 3 semester hours.

SAB 461. Addiction and Women (SOC 461)

An analysis of women's experiences of addiction, the societal response to female addiction, and the treatment resources and services that are needed to prevent and treat female addiction. Topics covered include the centrality of relationships in women's lives, sexual abuse and addiction, addiction and traditional gender roles, and parenting issues for substance abusing women. Fall, odd-numbered years. Credit, 3 semester hours.

SAB 465. Addiction and Community (SOC 465)

An analysis of the response of communities to substance abuse, the extent to which communities are supportive of recovery, and the community resources and services that are needed to respond to addiction and facilitate recovery. Topics include the role of support groups, health professionals, and the family in the recovery process. Fall, even-numbered years. Credit, 3 semester hours.

WORLD STUDIES MINOR

Coordinator: Elizabeth Normandy

Eighteen semester hours are required for the satisfactory completion of the minor in World Studies. Courses that fulfill the requirements of the student's major area of study cannot be applied toward this minor. The minor is divided into specified and elective courses.

Requirements for a Minor in World Studies

World Studies: select two courses from WLS 200, 251, and 450

Elective Courses: select four with coordinator (see below)

Sem. Hrs.

Total: 18

COURSES (WLS)

WLS 100, 101, 102, 103. University Convocation Program

The World Studies Committee offers four one-hour courses to encourage student attendance at campus lectures and cultural events. Each course is given on a Pass/Fail basis. To receive credit, students must attend ten events which have been approved by the World Studies Committee. Fall, Spring. Credit, 1 semester hour.

WLS 200. World Cultural Geography (GGY 200)

Concept of culture applied to the human environment. Geographical variations and evolution resulting from the interaction between cultural and physical processes. Culture and technological change. Population and migration. Cultural effects on perception of the environment. Spring. Credit, 3 semester hours.

WLS 210. Multicultural Center Internship

This internship will provide students with a deeper understanding of cultural relations and the administration of a cultural center. Students may be assigned research on a cultural topic and will be required to submit papers as well as prepare a related exhibit for public display. Credit, 3 semester hours, PREREQ: Approval of World Studies Minor Coordinator and the Director of the Multicultural Center.

WLS 251. Introduction to World Politics (PSPA 251)

This course gives students a basic understanding of the major issues and aspects of world politics. It includes an overview of trends in world politics in the twenty-first century, considers the relevant global actors, explores the relevance of non-state actors, and focuses on the increasing importance of issues relating to global welfare. A central premise is that world politics is a combination of political, historical, economic, and sociological factors which are not static. Fall, Spring. Credit, 3 semester hours. PREREQ: PSPA 100 or 101.

WLS 320. Service Internship

This internship is designed to provide credit for those students (especially volunteers) who provide service to other cultures abroad, but could also be applied to service to groups of foreigners domestically. Students will be required to submit a substantive report regarding this experience. Credit, 1 to 3 semester hours PREREQ: Approval of World Studies Minor Coordinator and the Director of the Multicultural Center.

WLS 330. Study Abroad

Students who successfully study abroad for a trip lasting a minimum of one week and a maximum of two semesters in a University-approved program will be required to prepare a substantive report regarding their experiences while abroad or report on a particular point of interest they may have researched while in a foreign country. Credit, 1 to 7 semester hours, PREREQ: Approval of World Studies Minor Coordinator and the Director of the Multicultural Center.

WLS 450. Seminar in International and Intercultural Relations

Research seminar to gain experience in formulating, designing, and implementing meaningful research projects in international and intercultural relations. A substantial paper will be prepared by the student and presented to the Seminar and World Studies faculty. Fall, Spring. Credit, 3 semester hours. PREREQ: Approval of World Studies Minor Coordinator.

ELECTIVE COURSES (Select four)

Courses must be selected by the student, approved by the Coordinator, and noted in the minor advisement file of the student. A minimum of 12 unduplicated semester hours will be chosen. Participating departments include:

Biology	History
Business Administration	Philosophy and Religion
Geology and Geography (Geography)	Political Science and Public Administration
English, Theatre, and Languages	Sociology and Criminal Justice

HEALTH PROFESSIONS PROGRAMS

In addition to the Bachelor of Science in Nursing, described in the College of Arts and Sciences section, the Departments of Biology and Chemistry and Physics provide curricula which meet the requirements for admission into most schools of medicine, dentistry, veterinary science and medical technology. In addition, students wishing to pursue a degree in a variety of other health related professions such as pharmacy, optometry, physical therapy, etc., can obtain some of the required college preparation (generally two years) at UNC Pembroke prior to transfer to the appropriate professional school. In each case, admission to the professional school is competitive and completion of the pre-

scribed curriculum at UNCP does not guarantee such admission. Because entrance requirements vary with the profession and with individual schools, it is the responsibility of the student to be familiar with the requirements of the specific school to which he or she plans to apply. Advice or assistance can be obtained from the Health Careers Counselor, or from any biology or chemistry faculty member.

PRE-HEALTH CURRICULA AND DEGREE PROGRAMS THAT LEAD TO THE HEALTH PROFESSIONS

Curricula	Degree Programs
Pre-Medical, Pre-Dental, Pre-Pharmacy, Pre-Medical Research, Pre-Veterinary Medicine, Pre-Medical Technology, Pre-Optometry, Pre-Nursing, Pre-Public Health, Pre-Allied Health	B.S. Biology, B.S. Chemistry, B.S. Applied Physics, B.S. Psychology, B.S. Mathematics, B.S.N. Nursing

PREPROFESSIONAL CURRICULA IN MEDICINE

Although a B.S. degree is technically not a prerequisite for these programs, the large majority of students who apply and are accepted do hold an undergraduate degree. It is therefore recommended that students interested in these areas pursue a B.S. degree. The Departments of Biology and Chemistry and Physics offer B.S. programs with biomedical emphasis that enable a student to meet requirements for most professional schools. These programs are detailed in the program descriptions of the Departments of Biology and Chemistry and Physics.

ACCELERATED PROGRAM IN MEDICAL TECHNOLOGY

UNCP offers a program to its biology and chemistry majors in affiliation with hospitals approved by the Council on Medical Education of the American Medical Association which gives, by the board of registry of Medical Technologists, a medical technology certificate. In this program the students complete six semesters of on-campus study and one year of study and training in an affiliated hospital. After satisfactory completion of the fourth year (hospital training), UNCP will award the B.S. degree in biology or chemistry to the students. Undergraduate students enrolled in the fourth year of the accelerated program in medical technology must pay tuition to both UNCP (not including fees) and to the affiliated hospital. Details of the medical technology programs appear in the program descriptions of the Departments of Biology and Chemistry and Physics.

Currently, the Biology Department and the Chemistry and Physics Department have formal affiliations with McLeod Regional Medical Center in Florence, S.C. Dr. Vera C. Hyman, M.D., and Ms. Vicki Anderson, M.T., the program director and the education director at McLeod Medical Center, are regarded as adjunct professor and lecturer respectively at the University of North Carolina at Pembroke. Although the affiliation agreement does provide UNCP students some preference in the admissions process, it should be noted that admission to the hospital program is competitive and that the admissions process is a function of the hospital program.

It should be noted that this is an accelerated program which allows the student to complete in four years a program that often requires five years. Students may elect the alternate route in which a B.S. degree in biology or chemistry (biomedical emphasis) is obtained before application to a hospital program. Students electing this route are eligible to apply to any school of medical technology and are not limited to programs affiliated with The University of North Carolina at Pembroke.