

UNDERGRADUATE ACADEMIC PROGRAMS

Baccalaureate Degrees	20
Academic Enrichment Courses	23
General Education	25
The Writing Intensive Program	33
Esther G. Maynor Honors College	36
Bachelor of Interdisciplinary Studies.....	40
Teacher Education	49
Entrepreneurship Programs	50
Special Programs and Interdisciplinary Programs	52

BACCALAUREATE DEGREE PROGRAMS AND AREAS OF STUDY

American Indian Studies, B.A.

Art, B.A.

Art
Art Education (K-12)

Biology

Biology, B.S.
Botany
Molecular Biology
Zoology
Biomedical Emphasis
Environmental Biology
Pre-Physical/Occupational Therapy
Biotechnology, B.S.
Environmental Science, B.S.
Science Education, B.S. (9-12, 6-9)
Biology, Chemistry, Earth Science, Physics, or
Middle Grades Science

Biotechnology, B.S. (see Biology, Chemistry and Physics)

Business

Accounting, B.S.
Business Administration, B.S.
Economics
Finance
International Business
Management
Marketing

Chemistry and Physics

Biotechnology, B.S.
Chemistry, B.S.
Analytical Chemistry
Environmental Chemistry
Forensic Chemistry
Molecular Biotechnology
Pre-Health Professions
Pre-Pharmacy
Professional Chemistry
Applied Physics, B.S.

Educational Specialties

Birth - Kindergarten Education, B.S.
Special Education, B.S. (K-12)

Elementary Education

Elementary Education, B.S. (K-6)

English, Theatre, and Foreign Languages

English, B.A.
English
English Education Licensure
Secondary Education 9-12
Middle Grades Language Arts Education 6-9
Theatre Arts
Spanish, B.A.
Spanish
Spanish Licensure (K-12)

Entrepreneurship

Business Administration, B.S.
Entrepreneurship

Geology and Geography

Geo-Environmental Studies, B.S.

Health, Physical Education, and Recreation

Health/Physical Education, B.S.
Health/Physical Education Licensure (K-12)
Exercise and Sport Science, B.S.
Health Promotion
Recreation
Exercise Physiology
Sport Management
Athletic Training, B.S.

History

History, B.A.
History
Social Studies Education Licensure (9-12, 6-9)

Interdisciplinary Studies, B.I.S

Applied Professional Studies
Applied Information Technology
Criminal Justice
Hospitality
Public and Non-Profit Administration

Mass Communication, B.S.

Broadcasting
Journalism
Public Relations

Mathematics and Computer Science

Mathematics, B.S.
Mathematics
Mathematics Education Licensure (9-12, 6-9)
Computer Science, B.S.
Information Technology, B.S.

Music

Music, B.M. (with Licensure K-12)
Vocal Emphasis
Instrumental Emphasis
Keyboard Emphasis/Vocal
Keyboard Emphasis/Instrumental
Music, B.M.
Musical Theatre
Music, B.A.
Music
Music with Elective Studies in Business
Classical Emphasis
Jazz and Commercial Music Emphasis

Nursing

Nursing, B.S.N. (for Registered Nurses)
Nursing, B.S.N.

Philosophy and Religion, B.A.

BACCALAUREATE DEGREE PROGRAMS AND AREAS OF STUDY (cont.)

<p>Political Science and Public Administration Political Science, B.A. Political Science Pre-Law International Studies Public Administration</p> <p>Psychology Psychology, B.S.</p>	<p>Science Education, B.S. (see Biology)</p> <p>Social Work, B.S.W. Social Work</p> <p>Sociology and Criminal Justice Sociology, B.A. Criminal Justice, B.A.</p>
---	--

REQUIREMENTS AND OPTIONS FOR A BACCALAUREATE DEGREE

Each student is responsible for proper completion of his or her academic program, for familiarity with the University of North Carolina Catalog, for maintaining the grade point average required, and for meeting all other degree requirements. The academic advisor will counsel, but the final responsibility for a successful college career rests with the student.

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 2999.

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, and the School of Education.

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 as long as the second degree is in a different major and by meeting 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. (A minimum of 150 hours is required.)
- (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). (A minimum of 150 hours is required.)
- (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: For students earning a baccalaureate degree other than their first, a 50% tuition surcharge shall be applied to all counted credit hours that exceed 110% percent of the minimum additional credit hours needed to earn the additional baccalaureate degree.

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	
Maynor Honors College Bachelor of Interdisciplinary Studies Program Teaching Fellows Program College Opportunity Program Career Development Program Entrepreneurship Programs American Studies Minor African American Studies Minor Applied Gerontology Minor Asian Studies Minor	British Studies Minor Entrepreneurship Minor Gender Studies Minor Hispanic Studies Minor Jewish and Middle Eastern Studies Minor Media Integration Studies Minor Non-Profit Leadership Minor Personnel & Organizational Leadership Minor Substance Abuse Minor Terrorism Studies 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 Art Biology English Geography Geology History Human Performance Mathematics	Music Physics Political Science Psychology Reading Sociology Spanish Special Education Teaching English as a Second Language

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 American Indian Studies *American Studies *Applied Gerontology Art History *Asian Studies Athletic Coaching Biology *British Studies Broadcasting Business Administration Computer Science Creative Writing Criminal Justice Economics English *Entrepreneurship Finance French *Gender Studies Geography Geology Health Promotion	*Hispanic Studies History Information Technology International Sociology Jazz Studies *Jewish and Middle Eastern Studies Journalism Legal Studies Literature Management Marketing Mathematics Medical Sociology Music Music Business Musical Theatre *Media Integration Studies *Non-Profit Leadership *Personnel & Organizational Leadership Philosophy Philosophy & Religion Physical Education	Physics Political Science Psychology Public Policy & Administration Public Relations Quantitative Economics Quantitative Finance Recreation Religion Rhetoric and Professional Writing Sacred Music Social Welfare Sociology Spanish Speech Studio Art *Substance Abuse Sustainable Agriculture TESOL *Terrorism Studies Theatre *World Studies

ACADEMIC ENRICHMENT COURSES

FRESHMAN SEMINAR/ TRANSFER STUDENT SEMINAR

Coordinators: See course listings below

UNV 1000, Freshman Seminar, introduces students to UNCP and college life by covering such varied topics as success in academic courses and the possibilities and responsibilities of life on a college campus. The class will include discussions and activities about academic challenges, independence, time management, and becoming an integral part of the UNCP experience. Students involved in a Living Learning Community will take the course together. This class is a gateway to the university that enables students to connect to faculty and academic services while also introducing strategies to be successful in college. A grade of "C" (2.0) or better must be earned to satisfy the Freshman Seminar requirement. The purpose of UNV 1060, Transfer Student Seminar, is to help immerse transfer students into the academic life and social life at UNC Pembroke. This course aims to give students the know-how on how to not only navigate the campus at UNC Pembroke, but to also become familiar with the academic and University policies on campus and to familiarize students with the resources that UNC Pembroke has to offer. UNV 1100, Strategies for Success, introduces students to the Learning to Learn (LTL) curriculum, an integrated system of unique, research-based learning strategies that promote students' transition from rote-memory to inquiry-based learning. Students are graded based on the quality and consistency of their application of the new strategies to their academic course work.

COURSES (UNV)

UNV 1000. Freshman Seminar (1 credit) Todd Allen, Coordinator

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.

UNV 1010. Learning Community (0 credits) Todd Allen, Coordinator

UNV 1010 is a non-credit-bearing course that allows members of a learning community to receive additional information regarding their community, interact with community members, and attend events that will strengthen their academic and social integration at UNCP. PREREQ: Admission to the Learning Community.

UNV 1060. New Transfer Seminar (1 credit) Beth Froeba, Coordinator

A general introduction to the University consisting of policies, procedures, and resources. Students will also reflect on their academic study skills, the way they view change, and utilization of information technology.

UNV 1100. Strategies for Success (3 credits) Jennifer McRae/Derek Oxendine, Coordinators

This course provides opportunities for students to develop skills necessary for success in college such as critical thinking, time management, critical reading, writing, and research. These skills will be taught through the use of proven learning techniques that utilize the students' current course load requirements. PREREQ: Permission of instructor.

CAREER DEVELOPMENT PROGRAM

Director: TBA

This program, offered by the Career 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 (UNV)**UNV 1050. Introduction to Career Development (2 credits)**

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.

INTRODUCTION TO ACADEMIC RESEARCH

Coordinator: Michael Alewine

This course explores all of the major facets of the academic research process. We will discuss the nature of information (how it is created, how it is organized, why it is useful—both academically and in everyday life, etc.). We will discuss the benefits and limitations of different resource types. We will cover topic development, the creation and use of effective search strings, the use of catalogs and databases, the use of discipline-specific information sources, the use of government and statistical sources, critical evaluation of sources, plagiarism and how to avoid it, and citation styles as they relate to specific disciplines. Students can approach this course as a general introduction to important academic skills, or they can also use it as a form of companion course for other courses, in which there is a significant research-based academic assignment.

COURSE (LIB)**LIB 1000. Introduction to Academic Research (1 credit)**

This general elective course will introduce students to the basic information literacy skills necessary to locate, critically evaluate, and ethically use information for academic research assignments. It is ideal for both new students and transfer students.

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.

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. To ensure that the goals and objectives are met, course substitutions are not allowed. The goals and objectives for the General Education Program are:

I. Skills

Communication—The UNCP graduate will communicate effectively in writing, speaking, and listening.

The student will

- o use written and oral language appropriate to various audiences and purposes;
- o develop logical arguments that are defended by supporting points, in part by locating material from appropriate sources and by correctly using and documenting those sources; and
- o listen to, understand, and evaluate the communication and communicative contexts of diverse speakers and writers.

Critical Thinking—The UNCP graduate will read and think critically.

The student will

- o distinguish between facts and opinions, judgments and inferences, inductive and deductive arguments, and reliable and invalid sources of information;
- o successfully apply critical reading skills to a wide range of materials; and
- o demonstrate the ability to apply critical thinking skills to the interpretation and analysis of information from a variety of sources.

Problem Solving—The UNCP graduate will be a creative problem solver.

The student will

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

Mathematics—The UNCP graduate will use quantitative methods and mathematical principles to recognize and solve problems, interpret data, and perform basic computation.

The student will

- o express and manipulate mathematical information, concepts, and thoughts in verbal, numeric, graphical, and symbolic form while solving a variety of problems;
- o apply basic math principles to practical situations; and
- o be able to demonstrate mathematical literacy.

Technology—The UNCP graduate will understand the role of technology, have the skills necessary to use it, and be able to recognize and adapt to new technologies.

The student will

- o demonstrate knowledge of current/modern technologies,
- o use appropriate technology in the evaluation, analysis, and synthesis of information, and
- o collaborate with others using technology tools.

II. Knowledge

Arts, Literature, History, and Ideas—The UNCP graduate will demonstrate knowledge of, appreciation for, and understanding of contributions to society of the fine and performing arts, literary works, world civilizations and their histories, and philosophic and religious belief systems.

The student will

- o recognize the contribution of the fine, performing, and literary arts to the human experience; identify the contributions of diverse artists; and evaluate the significance of their works;
- o identify how historical forces influence current events; demonstrate an understanding of the historical context of contemporary issues; and identify one major historical trend in a major world region; and
- o demonstrate knowledge of the religious traditions and philosophical ideas that have shaped individuals and societies.

Individual and Society—The UNCP graduate will demonstrate knowledge of human behavior, cultures, and societies, as well as social, political, and economic institutions and relationships.

The student will

- o describe the methods used by social scientists to gather, analyze, and draw conclusions from data as they seek to understand individual and group behaviors;
- o identify how the results of social science research is critical to an informed understanding of contemporary social issues; and
- o apply social science principles and theories to understand significant American and world economic, cultural, political, and social phenomena and trends.

Science and Nature—The UNCP graduate will understand the fundamental principles of the natural sciences as well as the purpose, methods, and principles of scientific inquiry.

The student will

- o describe the methods used by natural scientists to gather and critically evaluate data using the scientific method;
- o identify and explain the basic concepts, terminology, and theories of the natural sciences;
- o apply selected natural science concepts and theories to contemporary issues and acknowledge the developing nature of science; and
- o demonstrate an understanding of how human activity affects the natural environment and make informed judgments about science-related topics and policies.

III. Dispositions

Lifelong Learning—The UNCP graduate will be aware of the importance of lifelong learning and demonstrate the skills necessary to support continued personal and professional growth after graduation.

The student will

- o demonstrate an understanding of the importance of lifelong learning and personal flexibility to sustain personal and professional development;
- o demonstrate the ability to access, select, and use information to answer questions relevant to personal and professional situations;
- o take advantage of opportunities to continue learning in a variety of venues; and
- o comprehend the changing nature of society and work and be able to cope with change through self-education.

Health and Wellness—The UNCP graduate will identify factors and know how to make choices that promote health, wellness, and longevity.

The student will

- o assess current lifestyle behaviors and understand the impact of these behaviors on the quality and longevity of life;

- o identify and analyze health-related choices such as movement, nutrition, stress, and leisure as they influence personal wellness; and
- o explain how personal health and lifestyle choices affect society at large and how social and cultural factors affect personal health and lifestyle choices.

Social Responsibility—The UNCP graduate will have an understanding of civic duty and a concern for the well-being of individuals, society, and the environment.

The student will

- o demonstrate global awareness, environmental sensitivity, and an appreciation of cultural diversity and
- o prepare for citizenship by identifying personal, social, and political avenues for civic action.

Diversity—The UNCP graduate will demonstrate knowledge of and respect for the rights and views of diverse individuals and cultures.

The student will

- o analyze similarities and differences between his/her own and other cultures that affect values, beliefs, and behaviors;
- o discuss cultural strengths and important contributions made to society by individuals from diverse groups;
- o discuss the benefits of diversity for individuals, groups, and institutions; and
- o define prejudice and discrimination; explain their consequences; and identify ways to reduce them.

Values and Ethics—The UNCP graduate will be able to make informed choices in the light of ethical, moral, and practical concerns; assess the consequences of those choices; and understand alternative perspectives.

The student will

- o distinguish fact from value and explain how values influence decision-making,
- o acknowledge a plurality of cultural and personal values and demonstrate respect for the right of others to express different viewpoints, and
- o analyze and evaluate the strengths and weaknesses of different perspectives on an ethical issue, take a position on this issue, and defend it with logical arguments.

GENERAL EDUCATION REQUIREMENTS (44 Hours Total)

For some majors, certain courses may count toward both General Education and Major requirements. Some courses have prerequisites. As noted above, course substitutions are not allowed. **Ask your advisor for assistance** in selecting appropriate courses.

I. Communication Skills (6 or 9 hours)

ENG 1050 Composition I

ENG 1060 Composition II

A full-time student must enroll in ENG 1050, Composition I, immediately and must earn a “C” (2.0) grade or better before enrolling in ENG 1060, Composition II. A student must remain continuously enrolled in ENG 1050 and 1060 until he or she has earned a “C” (2.0) grade or better in ENG 1060.

All entering freshmen and all freshmen transfers must complete the ENG 1050 and 1060 sequence successfully before they earn a total of 60 credit hours. All students who transfer with 30 credits or more must complete ENG 1060 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 3000 or 4000 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 3000 level until they receive a “C” (2.0) in ENG 1060. (The Enrollment Management Subcommittee of the Faculty Senate, or in emergencies the Assistant Vice Chancellor for Academic Affairs, will consider exceptional cases.)

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 1450 Digital Arts Appreciation
- ART 2050 Art Appreciation
- ART 2080 Survey of Art I
- ART 2090 Survey of Art II
- THE 2500 Introduction to Theatre
- MUS 1020 Introduction to Music Appreciation
- MUS 1040 Introduction to Jazz Appreciation
- MUS 2940 The World of Music: Antiquity to the Baroque Era
- MUS 2980 History of Musical Theatre

(2) Literature (completion of ENG 1050 and 1060 with a 2.0 is prerequisite for these courses)

- ENG 2010 Southern Literature
- ENG 2020 Contemporary Literature
- ENG 2030 Literary Genres
- ENG 2050 World Literature Before 1660
- ENG 2060 World Literature After 1660
- ENG 2080 Women's Literature
- ENG 2090 Literature and Film
- ENG 2100 African American Literature
- ENG 2180 Asian American Literature
- ENG 2190 Latino Literature
- ENG (AIS) 2200 Native American Literature
- ENG 2230 American Literature Before 1865
- ENG 2240 American Literature After 1865
- ENG (AIS) 2410 Environmental Literature
- ENG 2470 British Literature Before 1790
- ENG 2480 British Literature After 1790

(3) History

- HST 1010 American Civilization to 1877
- HST 1020 American Civilization since 1877
- HST 1030 African American History
- HST (AIS) 1100 History of the American Indian to 1865
- HST (AIS) 1110 History of the American Indian since 1865
- HST 1140 World Civilizations to 1500
- HST 1150 World Civilizations since 1500

(4) Philosophy and Religion

- PHI 1000 Introduction to Philosophy
- PHI 1010 Logic
- PHI 2040 Introduction to Ethics
- PHI 2070 Contemporary Moral Issues
- REL 1080 Introduction to Religious Thought
- REL 1300 Introduction to Religion

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

(1) Economics

- ECN 1000 Economics of Social Issues
- ECN 2020 Principles of Microeconomics
- ECN 2030 Principles of Macroeconomics
- ECN 2410 Asian Economies

(2) Geography

- GGY 1010 Principles of Geography
- GGY 1020 World Regional Geography
- GGY 2000 Cultural Geography
- GGY (ECN) 2060 Economic Geography

(3) Political Science

- PLS 1000 Introduction to Political Science
- PLS 1010 Introduction to American National Government

(4) Psychology

- PSY 1010 Introductory Psychology

(5) Sociology

- SOC 1020 Introduction to Sociology
- SOC (AIS) 1050 Introduction to Cultural Anthropology
- SOC 2090 Social Problems in Modern Society

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

- HON 1000 Contemporary Public Issues
- HON 2750 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 1100 must select the other course from either Biology/Env. Science or Earth Science.

(1) Biology and Environmental Science

- BIO 1000 Principles of Biology
- BIO 1030 Basic Human Biology
- BIO 1060 Exploring Life's Diversity
- ENV 1100 Environmental Science

(2) Chemistry

- CHM 1300 General Chemistry I
- CHM 1400 Chemistry for Health Sciences I

(3) Earth Science

- GLY (GGY) 1150 Earth Science
- GLY (GGY, PHS) 2460 Weather and Climate

(4) Physical Science

- PHS 1100 Physical Science I
- PHS 1560 Astronomy
- PHY 1000 Elementary Physics I
- PHY 1500 College Physics I
- PHY 2000 University Physics I

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

- HON 1510 Contemporary Issues in Science and Technology

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

- MAT 1050 Introduction to College Mathematics
- MAT 1070 College Algebra
- MAT 1080 Plane Trigonometry
- MAT 1090 College Algebra and Trigonometry
- MAT 2150 Calculus with Applications
- MAT 2210 Calculus I

III. Physical Education and Wellness (2 hours)

Choose two of the following courses:

- PED 1010 Wellness and Fitness
- PED 1300 Fitness Walking

PED 1310 Archery
 PED 1320 Badminton
 PED 1330 Golf
 PED 1340 Swimming
 PED 1350 Tennis
 PED 1360 Soccer
 PED 1370 Bowling
 PED 1380 Rhythms & Dance
 PED 1390 Racquetball
 PED 1410 Physical Conditioning
 PED 1450 Volleyball
 PED 1460 Weight Training
 PED 1770 Advanced Physical Conditioning (Aimed at Varsity Athletes)
 PED 1790 Aerobic Dance
 PED (MSC) 1800 Military Physical Training
 PED (THE) 1810 Stage Dance I
 PED (THE) 1820 Stage Dance II
 PED 1900 Outdoor Fitness
 PED 1910 Indoor Cycling
 PED 1950 Water Aerobics

IV. General Education Program Electives (6 hours, or 3 hours if SPE 1020 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 1020 for Basic Skills take 3 hours of electives, which may not be SPE 2000 or SPE 2010.

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 1310, 1320 Elementary French
 FRH 2310, 2320 Intermediate French
 GER 1310, 1320 Elementary German
 GER 2310, 2320 Intermediate German
 ITL 1310, 1320 Elementary Italian
 SPN 1310, 1320 Elementary Spanish
 SPN 2310, 232 Intermediate Spanish
 XXX 131, 1320 Introductory Foreign Language Study
 XXX 2310, 2320 Intermediate Foreign Language Study

Arts and Humanities Division Elective

American Indian Studies

AIS 1010 Introduction to American Indian Studies

Fine Arts

ART 1010 Elements of Design
 ART 1450 Digital Arts Appreciation
 ART 2050 Art Appreciation
 ART 2080 Survey of Art I
 ART 2090 Survey of Art II
 ART 2560 Web Design
 ARTS 1xxx Special Topics in Art
 THE 2010 Elements of Acting
 THE 2500 Introduction to Theater
 MUS 1020 Introduction to Music Appreciation
 MUS 1040 Introduction to Jazz Appreciation

MUS 2930 The World of Music: Classical to the Contemporary Era

MUS 2980 History of Musical Theatre

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

ENG 2010 Southern Literature

ENG 2020 Contemporary Literature

ENG 2030 Literary Genres

ENG 2050 World Literature Before 1660

ENG 2060 World Literature After 1660

ENG 2080 Women's Literature

ENG 2090 Literature and Film

ENG 2100 African American Literature

ENG 2180 Asian American Literature

ENG 2190 Latino Literature

ENG (AIS) 2200 Native American Literature

ENG 2230 American Literature Before 1865

ENG 2240 American Literature After 1865

ENG (AIS) 2410 Environmental Literature

ENG 2470 British Literature Before 1790

ENG 2480 British Literature After 1790

ENGS 2xxx Studies in Literature

SPE 2000 Interpersonal Communication

SPE 2010 Fundamentals of Speech

History

HST 1010 American Civilization to 1877

HST 1020 American Civilization since 1877

HST 1030 African American History

HST (AIS) 1100 History of the American Indian to 1865

HST (AIS) 1110 History of the American Indian since 1865

HST 1140 World Civilizations to 1500

HST 1150 World Civilizations since 1500

Philosophy and Religion

AIS 2010 American Indian Culture

PHI 1000 Introduction to Philosophy

PHI 1010 Logic

PHI (REL) 1020 Perspectives on Humanity

PHI 2040 Introduction to Ethics

PHI 2050 Social and Political Philosophy

PHI 2070 Contemporary Moral Issues

PHI 2110 American Philosophy

REL 1050 Introduction to the Old Testament

REL 1060 Introduction to the New Testament

REL 1080 Introduction to Religious Thought

REL 1300 Introduction to Religion

REL 2050 Religion, Art, and Culture

REL 2090 Religion in America

REL (AIS) 2130 American Indian Religious Traditions

REL 2140 Introduction to Religious Ethics

REL 2160 Religions of the Far East

REL 2180 Religions of the Near East

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

HON 2000 The Humanistic Tradition I: From the Ancient World to 1500

HON 2010 The Humanistic Tradition II: From 1500 to the Contemporary Age

World Studies

WLS 2990 Study Abroad

Social Science Division Elective**Economics**

DSC 1590 Technology-Enabled Decision Making

ECN 1000 Economics of Social Issues

ECN 2020 Principles of Microeconomics

ECN 2030 Principles of Macroeconomics

FIN 2050 Personal Finance

ECN 2410 Asian Economies

Geography

GGY 1010 Principles of Geography

GGY 1020 World Regional Geography

GGY 2000 Cultural Geography

GGY (ECN) 2060 Economic Geography

Political Science

PLS 1000 Introduction to Political Science

PLS 1010 Introduction to American National Government

Psychology

PSY 1010 Introductory Psychology

Sociology

SOC 1020 Introduction to Sociology

SOC (AIS) 1050 Introduction to Cultural Anthropology

SOC 2090 Social Problems in Modern Society

World Studies

WLS 2990 Study Abroad

Natural Science and Mathematics Division Elective**Natural Science**

BIO 1000 Principles of Biology

BIO 1010 General Botany

BIO 1020 General Zoology

BIO 1030 Basic Human Biology

BIO 1060 Exploring Life's Diversity

ENV 1100 Environmental Science

CHM 1300 General Chemistry I

CHM 1310 General Chemistry II

CHM 1400 Chemistry for Health Sciences I

CHM 1410 Chemistry for Health Sciences II

GLY 1000 Physical Geology

GLY (GGY) 1150 Earth Science

GLY (GGY) 1250 Earth History

GLY 2260 Physical Oceanography

GLY (GGY, PHS) 2460 Weather and Climate

GLY (GGY) 2620 Environmental Geology

PHS 1100 Physical Science I

PHS 1110 Physical Science II

PHS 1560 Astronomy

PHY 1000 Elementary Physics I

PHY 1010 Elementary Physics I

PHY 1500 College Physics I

PHY 1510 College Physics II

PHY 2000 University Physics I

PHY 2010 University Physics II

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

HON 2510 Horizons in Math and Computer Science

Mathematics and Computer Science

CSC 2020 Microcomputer Programming

MAT 1050 Introduction to College Mathematics

MAT 1070 College Algebra

MAT 1080 Plane Trigonometry

MAT 1090 College Algebra and Trigonometry

MAT 1180 Finite Mathematics

MAT 2100 Introduction to Statistics

MAT 2150 Calculus with Applications

MAT 2210 Calculus I

MAT 2220 Calculus II

THE WRITING INTENSIVE PROGRAM

The Writing Intensive Program is an initiative of the UNC Pembroke Quality Enhancement Plan. The goal of the program is to enhance the ability of students to write effectively and appropriately in both general writing and professional writing in their disciplines. The program consists of Writing Enriched courses and Writing in the Discipline courses. Writing Enriched courses are 2000- and 3000-level courses in which writing supplements the coverage of course content. They include extensive and intensive instruction in writing. Writing in the Discipline courses are 3000- and 4000-level courses that are designed to teach students about the roles and uses of writing in their fields of study. As a requirement for graduation, students must complete nine semester credit hours of Writing Enriched and Writing in the Discipline courses. One course must be a Writing in the Discipline course.

The courses listed below are approved to be offered as Writing Enriched or Writing in the Discipline courses. When these courses appear with the designation WE (Writing Enriched) or WD (Writing in the Discipline) in the title of the course in the course schedule, they can be taken to satisfy the writing intensive graduation requirement. The completion of ENG 1050 is a prerequisite for all Writing Enriched or Writing in the Discipline courses.

AIS/REL 2130	American Indian Religious Traditions
AIS/ENG 2410	Environmental Literature—WE
AIS 4150	Amerindian Oral Traditions—WD
AIS/HST 4650	Indian Residential and Boarding School Narratives—WE
ART 2080	Survey of Art I: Ancient through Medieval—WE
ART 2090	Survey of Art II: Renaissance through Contemporary—WE
ART 3080	Art Education Methods and Field Experience for Grades 6-12—WD
ART 4330	Contemporary Art—WD
ATH 4000	Clinical Education V—WD
ATH 4050	Organization and Administration of Athletic Training—WE
BIO 2050	Animal Behavior—WE
BIO 3510	Research Strategies—WE
BIO 3510	Research Strategies—WD
BIO 3710	Cell Biology—WE
BIO 4310	Biometrics—WE
BIO 4320	Conservation Biology—WE
BIO 4700	Reading and Writing in the Natural Sciences—WD
BLAW 2150	Legal Environment of Business—WE
BLAW 3180	Commercial Law—WD
BRD 3130	Broadcast Advertising—WD

BRD 3140	Broadcast Journalism—WD
CHM 3980	Scientific Literature—WD
CHM 4100	Physical Chemistry (Lecture and Lab)—WE
CHM 4270	Instrumental Analysis—WD
CRJ 3010	Criminal Justice Rhetoric and Writing—WD
ECE 2020	Foundations of Early Childhood Education—WE
ECE 2050	Young Children and Their Families in a Diverse World—WE
ECE 4750	Senior Seminar in Birth-Kindergarten Education—WD
ECN 2020	Principles of Microeconomics—WE
ECN 2030	Principles of Macroeconomics—WE
ECN 4080	Economic Development—WD
ECN 4400	International Trade—WD
EDN 2900	Research and Writing in Education—WE
EED 3890	Teaching Writing and Speech (Grades 6-12) —WE
ELE 2030	Arts Integration in the Elementary School—WE
ELE 2900	Research and Writing in Elementary Education—WD
ELE 3010	Differentiated Instruction for Today's Learners—WD
ELE 4070	Professional Seminar in Elementary Education—WD
ELE 4040	Literature and Language Arts 1 in the Elementary School—WD
ENG 2010	Southern Literature—WE
ENG 2030	Literary Genres—WE
ENG 2050	World Literature before 1660—WE
ENG 2060	World Literature after 1660—WE
ENG 2080	Women's Literature—WE
ENG 2180	Asian American Literature—WE
ENG/AIS 2200	Native American Literature—WE
ENG 2230	American Literature Before 1865—WE
ENG 2240	American Literature since 1865—WE
ENG 2470	British Literature before 1790—WE
ENG 2480	British Literature After 1790—WE
ENG 2990	Writing Theory and Practice—WE
ENG 3040	Principles of Literary Study—WD
ENG 3110	Medieval British Literature—WE
ENG 3120	Early Modern British Literature—WE
ENG 3130	The American Renaissance—WE
ENG/AIS 3440	The Native American Novel—WE
ENG/AIS 3470	Native American Poetry—WE
ENG 3580	Professional Writing—WE
ENG 3590	Creative Nonfiction—WE
ENG 3650	Writing in Digital Environments—WE
ENG 3660	Modernist Poetry—WE
ENG 3700	Advanced Composition—WE
ENG 3720	Writing for the Public Sphere—WE
ENG 4210	Grant Writing—WE
ENGS 4090	Special Topics in Rhetoric and Composition-Reading and Writing About Nonfiction—WE
ENTR 4000	Planning and Strategy—WD
GGY 3770	Geography of American Indians—WE
GGYS 4140	Urban Geography—WE
GLY 3250	Paleontology—WE
GLY/GGY 4700	Writing in the Geosciences—WD
HLTH 3770	Drugs, Society and Behavior—WE
HLTH 4100	Health, Fitness, and Behavior Changes—WD
HON 2010	The Humanistic Tradition II—WE

HST 1010	American Civilizations to 1877—WE
HST 1020	American Civilizations since 1877—WE
HST 1140	World Civilizations to 1500—WE
HST 1150	World Civilizations Since 1500—WE
HST 2010	Introduction to American Studies—WE
HST 2140	Introduction to British Studies—WE
HST 3000	Historical Practice and Theory—WD
HST 3270	History of Early Modern Europe—WE
HST 3620	African American History since Emancipation—WE
HST 3700	Introduction to Public History—WD
HST 4040	History of the Old South—WE
HST 4050	History of the New South—WE
HST 4129	History of Sexuality—WE
HST 4230	Indigenous Women—WE
HST 4360	American Political History—WE
HST 4410	History of Medieval Britain—WE
HSTS 4360	Civil Rights Movement in America—WE
HSTS 4390	Sports and American Society—WE
JRN 3010	News Writing and Reporting—WD
JRN 3050	Feature Writing—WD
JRN 3400	Advanced News Writing and Reporting—WD
JRN 4100	Web Journalism—WD
JRN 4600	Investigative Journalism—WD
MAT 2300	Introduction to Advanced Mathematics—WE
MAT 2600	Connections in Mathematics I—WE
MAT 3600	Connections in Mathematics II—WD
MAT 4020	A Historical Development of Mathematics—WD
MAT 4600	Connections in Mathematics III—WE
MCM 2400	Writing for the Media—WE
MCM 3100	New Media of Mass Communication—WE
MGT 3030	Business Communications—WD
MGT 3060	Organization and Management—WE
MGT 3130	International Marketing—WD
MGT 3150	International Management—WE
MGT 4080	Human Resource Management—WE
MGT 4100	Small Business Management—WD
MGT 4300	Business Ethics and Social Responsibilities—WE
MGT 4660	Business Strategy—WD
MKT 3120	Principles of Marketing—WE
MKT 3130	International Marketing—WE
MUS 3970	World Music: A Global Study—WD
NUR 3000	Transition to Professional Nursing—WE
NUR 3200	Health Assessment across the Lifespan—WE
NUR 4000	Nursing Research and Theory—WE
NUR 4350	Community Health Nursing—WE
NUR 4510/4510L	Transition to Professional Nursing: A Capstone Experience—WD
NUR 4550	Professional Nursing Issues in Practice—WD
PAD 2190	Public Policy and Analysis—WE
PED 4030	Facilities Design in HPER—WE
PED 4110	Biomechanics—WE
PED 4150	Organization and Administration in Physical Education—WE
PHI 2040	Introduction to Ethics—WE
PHI 2070	Contemporary Moral Issues—WE
PHI/REL 3400	Writing in Philosophy and Religious Studies—WD

PLS 3100	Constitutional Law—WE
PLS 3110	Constitutional Law of Individual and Equity Rights—WE
PLS 3520	Writing in Political Science—WD
PLSS 3070	Regional Area Studies: Europe—WE
PLSS 4300	Special Topics in International Relations: Ethnic Conflict—WE
PRE 4070	Public Relations Media—WD
REL 2050	Religion, Art, and Culture—WE
PSY 3000	Research Methods Capstone—WD
SED 3310	Introduction to the Exceptional Child—WE
SED 3320	Special Education Laws, Policies and Procedures—WE
SED 4360	Professional Seminar for Special Education Teacher Candidates—WD
SOC 3000	Sociological Rhetoric and Writing—WD
SOC 3030	Family—WE
SOC 3060	Sociological Theory—WE
SOC 3130	Community—WE
SOC 3210	Social Inequalities—WE
SOC 3610	Social Research—WE
SOC/CRJ 4530	Family Violence—WE
SPN 3110	Spanish Composition and Review of Grammar—WE
SPN 3200	Literary Analysis and Criticism in Spanish—WD
SPN 3700	Advanced Spanish Grammar and Composition—WE
SPN 4150	Contemporary Spanish-American Literature—WD
SWK 3450	Human Behavior in the Environment—WE
SWK 3480	Social Welfare Policies and Programs I—WE
SWK 3710	Writing in the Social Sciences—WD
SWK 3850	Social Work Practice II—WE
SWK 3910	Social Work Research—WE
THE 2500	Introduction to Theatre—WE

ESTHER G. MAYNOR HONORS COLLEGE

Dean: Mark Milewicz

Assistant Dean: Teagan Decker

UNIVERSITY HONORS COUNCIL

Robert W. Brown (Chair)	Kelly Charlton	Scott Hicks
E. Brooke Kelly	Siva Mandjiny	E. Cliff Mensah

The Esther G. Maynor Honors College at UNC Pembroke recognizes and promotes the scholarly and personal growth of outstanding students. Maynor 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 Maynor 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.

Maynor 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 Maynor Honors College. Maynor Honors College students are selected by the Dean of the Maynor Honors College in consultation with the University Honors Council.

To remain in the Maynor Honors College, students are required to achieve and 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. Maynor Honors College students will receive a specialized diploma and will be recognized at commencement. To graduate with the Maynor Honors College designation, the student must complete the Maynor Honors College program. Any exceptions or substitution of requirements will be determined by the Dean of the Maynor Honors College in consultation with the University Honors Council.

Three tracks are available for graduation from the Maynor Honors College

University Honors

*Take four HON (interdisciplinary) courses

*Take four general education honors courses

*Achieve at least a 3.5 QPA

*Complete the Senior Project through the appropriate course sequence: HON 4000 (project planning) and HON 4500 (project work)

The Senior Project is fulfilled by the successful completion of HON 4000 and 4500 and can take one of four paths:

1) Community Service Project. This project involves a student's active participation in a focused project involving service to the community. The Service Project will be organized through the Office for Community and Civic Engagement and supervised by a UNCP faculty member. During the senior year, the student will also schedule an oral presentation describing the development, implementation, and outcomes of the Community Service Project. The faculty mentor and the Dean of the Honors College will approve the successful completion of the project.

2) Campus Dialogue Project. This option involves active participation in a campus-wide dialogue about a specific issue, usually relative to the student's major. The student will work with a faculty mentor to research the topic. During the senior year, the student must organize and facilitate (in consultation with the mentor and Honors College Dean) at least two campus dialogues on the topic. These dialogues should involve faculty and students from a variety of disciplines. The faculty mentor and the Dean of the Honors College will approve the successful completion of the project.

3) Creative Project. Students choosing this option will work with a faculty mentor to develop the project. During the senior year, the student will display or perform his or her art and then provide an oral description/interpretation of the work. The faculty mentor and the Dean of the Honors College will approve the successful completion of the project.

4) Senior Thesis Project. The Senior Thesis is a written research project completed under the direction of a faculty mentor. Guidelines are available in the Honors College Office and on the Honors College website. The thesis is completed during the senior year and should conclude with an oral presentation/defense of the thesis where the results of the student research can be shared with others on campus. The faculty mentor and the Dean of the Honors College will approve the successful completion of the thesis.

Departmental Honors

*Take four HON (interdisciplinary) courses

*Complete two Honors "Contract" Courses in upper-level major courses

Description of Contract Courses: Contract courses are traditional courses that are tailored to meet honors requirements by requiring work that is above and beyond the normal expectations of the course. Contract courses must be taught by tenured or tenure-track members of the student's major department. The student and faculty member teaching the section will agree upon the requirements for completing the contract course, fill out the appropriate paperwork (available online), and obtain the signature of the department chair. The contract and accompanying syllabus will be turned in to the Dean of the Honors College for final approval.

*Achieve at least a 3.5 QPA

*Complete a Senior Thesis through the appropriate course sequence: HON 4000 (project planning) and HON 4500 (project work)

The Senior Thesis is a written research project completed under the direction of a faculty mentor. Guidelines are available in the Honors College Office and on the Honors College

website. The thesis is completed during the senior year and should conclude with an oral presentation/defense of the thesis where the results of the student research can be shared with others on campus. The faculty mentor and the Dean of the Honors College will approve the successful completion of the thesis.

Both University and Departmental Honors

*Take four HON (interdisciplinary) courses

*Take at least four general education honors courses

*Complete two Honors “Contract” Courses in upper-level major courses

*Achieve at least a 3.5 QPA overall

*Complete an enhanced Senior Project consisting of a senior thesis PLUS a service, dialogue, or creative project through the appropriate course sequence: HON 4000 (project planning) and HON 4500 (project work)

It is possible, though not necessary, that the Senior Project and Senior Thesis are developed from the same research. Students must consult with the Honors College Dean to coordinate the successful completion of both University and Departmental Honors. Those selecting option four for University Honors must also complete option one, two, or three to receive both University Honors and Departmental Honors.

Maynor Honors College students will take several courses together during the freshman year prior to beginning their major course work. These courses include several general education courses as well as one interdisciplinary seminar. Students with special scheduling needs as freshmen may petition the Dean of the Maynor Honors College for alternate courses of study during the first semester. All Maynor Honors College students are advised by the Dean of the Maynor Honors College until they declare a major field of study.

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

Fall: HON 1000, 1500, 2000; Spring: HON 1510, 2010, 2750; As Announced: HON 3000

Transfer students and students entering the Maynor 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 Maynor Honors College, after consultation with the student and the University Honors Council.

Honors Thesis/Project: All Honors College students must complete HON 4000 (Research Methods and Prospectus [one semester hour]) and HON 4500 (Honors Thesis/Project [three semester hours]) prior to graduation. Maynor Honors College students who elect to complete a senior Thesis/Project in their major department may substitute an equivalent departmental course for HON 4500. The departmental Thesis/Project must meet the standards for the Honors Thesis/Project established by the University Honors Council. The University Honors Council and the Dean of the Maynor Honors College recommend that HON 4000 should be taken during the fall semester of the junior year. 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 Maynor Honors College Thesis/Project are outlined in the Senior Project handbook. Copies of this guide are available from the Dean of the Maynor Honors College.

COURSES (HON)

HON 1000. Contemporary Public Issues (3 credits)

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. Honors students receive General Education credit for a course in the Social Sciences Division.

HON 1510. Contemporary Issues in Science and Technology (3 credits)

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. Honors students receive General Education credit for a course in the Physical Science area of the Natural Sciences and Mathematics Division.

HON 2000. The Humanistic Tradition I: From the Ancient World to 1500 (3 credits)

An interdisciplinary seminar in humanities that surveys, within historical and cultural contexts, a selection of works of art, architecture, literature, music, and philosophy, Honors 2000 focuses on significant cultural legacies from the beginnings of human cultures to 1500. Honors students receive General Education credit for a course in the Divisional Electives area of Humanities.

HON 2010. The Humanistic Tradition II: From 1500 to the Contemporary Age (3 credits)

An interdisciplinary seminar in humanities that surveys, within historical and cultural contexts, a selection of works of art, architecture, literature, music, film, and philosophy, Honors 2010 focuses on significant cultural legacies from the last 500 years. Honors students receive General Education credit for a course in the Divisional Electives area of Humanities.

HON 2510. Horizons in Math and Computer Science (3 credits)

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. Honors students receive General Education credit for a course in the Divisional Electives area of Natural Sciences and Mathematics.

HON 2750. The Individual in Society (3 credits)

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 3000. Cultures in Contact (3 credits)

This course is designed to introduce students to a specific world culture through a variety of methods. The readings will include sociological, economic, historical, and fictional accounts of this country. The objective is to learn about another culture while also learning how to approach the study of and engagement with that culture. There will also be a travel component to provide for first-hand engagement with the culture studied.

HON 4000. Research Methods and Prospectus (1 credit)

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.

HON 4500. Honors Thesis/Project (3 credits)

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.

HON 4990. Honors Independent Study (1-3 credits)

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. May be repeated for a total of 6 hours in no more than two semesters.

BACHELOR OF INTERDISCIPLINARY STUDIES PROGRAM

Director: James W. Robinson

Associate Director: Victor Bahhouth

INTERDISCIPLINARY STUDIES COUNCIL

Kevin S. Freeman
Jeremy Sellers

Jessica Godsey
John E. Spillan

Jamie Litty
Charles Tita

Edwin “Cliff” Mensah
Scott Turner

The Bachelor of Interdisciplinary Studies (BIS) program is exclusively designed for learners with at least two years of transferable credit from institutions other than UNCP, who hold either Associate in Applied Arts or Associate in Applied Science degrees. The program serves adult students, in particular, who seek a broad, more flexible degree program to help them to advance or become more established in their careers or to improve their understanding of the world around them.

The BIS is intended for a set of diverse students who bring to the university many academic, personal, and work-related experiences. They may choose the BIS program because (1) they are aware that they are more employable in many occupations with the degree, (2) that learning in the arts and sciences and in a field of specialization leads to understanding and empowerment, and (3) they review their personal plans and recognize that they can effectively meet their most important goals for a bachelor's degree through the BIS.

BIS Completion Requirements

The Bachelor of Interdisciplinary Studies degree requires that a student:

1. Hold an Associate in Applied Arts or an Associate in Applied Science degree from a two year institution upon program admission.
2. Meet The University of North Carolina at Pembroke's general education core requirements.
3. Complete a course of study in a specific Interdisciplinary Studies Major with an earned average grade point of 2.0 or better for the courses taken. At least 25 per cent of the total credit requirements for any particular Interdisciplinary Studies Major must be taken from one or more Academic Departments at The University of North Carolina at Pembroke (UNCP). Only 60 credit hours may be transferred from two-year institutions (including 30 hours credit awarded for completion of Applied Associate degree from such institution). The number of credit hours permitted from any department, school, or college of UNCP will be restricted by discipline specific accreditation standards.
4. Transfer or take a balance of elective or support courses to meet the total credit requirements of any particular Interdisciplinary Studies Major.
5. Complete all other requirements for baccalaureate graduation at The University of North Carolina at Pembroke.
6. Two thirds of all Major and Track courses taken toward the BIS degree must be from UNCP.
7. College credit in lieu of lifelong learning/experiential learning will not be granted.

B.I.S. IN APPLIED PROFESSIONAL STUDIES

The Bachelor of Interdisciplinary Studies in Applied Professional Studies prepares graduates with core competencies necessary for successful careers in for-profit business. Combined with solid training in communication and writing skills, these competencies include basic understandings of economics, finance, statistics, decision sciences, management, and marketing. Beyond these core competencies, students may craft a specialization to fit their future career goals or choose to receive training in one of five areas of specialization: Advertising, Allied Health Leadership, Economic Development, Financial Administration, or Office Administration.

Similar to other majors within the Bachelor of Interdisciplinary Studies Degree program, the BIS in Applied Professional Studies is intended for those interested in obtaining a highly relevant and practical degree that provides advancement opportunities in their current employment, and for those who are starting or interested in changing their professional careers. The program of study for the BIS in Applied Professional Studies consists of five components: General Education Requirements (44 hours); Core Requirements (24 hours), Track Requirements (15 hours), 30 hours upon verification of the student's holding an Applied Associate Degree, and Electives (7 hours).

Requirements for a Bachelor of Interdisciplinary Studies Degree: Major in Applied Professional Studies	Sem. Hrs.
General Education Requirements , including:	44
ECN 2030 Principles of Macroeconomics	
MAT 1070 College Algebra	
MAT 2100 Statistics I	
SOC 1020 Introduction to Sociology	
Core Requirements:	24
DSC 2090 Spreadsheet and Database Management	
ECN 2020 Principles of Microeconomics	
ENG 3580 Professional Writing or MGT 3030 Business Communication	
FIN 2400 Foundations of Finance	
MGT 3060 Organization & Management	
MKT 3120 Principles of Marketing	
SOC 3000 Sociological Writing/Rhetoric	
SOC 4250 Organizations in Society	
Tracks (Choose one of the six tracks below):	15
General: (15 hours from the following list of courses without other specific Track; at least 9 hours must be at the 3000-4000 level. Only 12 hours taken from this list may be courses that have ACC, BLAW, ECN, FIN, MGT, or MKT prefixes. No more than 6 of the 15 hours may come from any single academic discipline.)	
ACC 2270 Financial Accounting	
ACC 2280 Managerial Accounting	
BLAW 2150 Business Law and Ethics	
BUS 2000 Introduction to Business	
ECN 3010* Managerial Economics	
ECN 3070 Internet Economics	
ECN 3080 Environmental Economics	
ECN 3300* Public Finance	
ECN 3500 Survey of Ethics in Economics and Finance	
ECN 3740 Health Economics	
ECN 4020 Industrial Organizations	
ECN 4070 Labor Economics	
ECN 4080 Economic Development	
ENV 4100 Environmental Laws and Regulations	
FIN 3000 Finance for Small and Entrepreneurial Businesses	
FIN 3100* Business Finance	
FIN 4100* Financial Management	
MGT 3010 Organizational Crisis Management	
MGT 3030 Business Communications	
MGT 3090 Organizational Leadership	
MGT 3150 International Management	
MGT 4010 Fundamentals of Project Management	
MGT 4070 Organizational Theory	
MGT 4080 Human Resource Management	
MGT 4100 Small Business Management	
MGT 4300 Business Ethics and Social Responsibility	
MGT 4310 Sustainability and Corporate Social Responsibility	
MKT 3130 International Marketing	

Tracks—General (Cont.):

MKT 3200 Consumer Behavior
 MKT 4050 Retail Management
 MKT 4200 Personal Selling and Sales Management
 MKT 4300 Integrated Marketing Communications
 MKT 4800 Marketing Strategy
 MCM 2100 Introduction to Mass Communication
 MCM 2400 Writing for the Media
 MCM 3600 Media and Culture
 PHI 2040 Introduction to Ethics
 PHI 4430 Business Ethics
 PRE 2200 Introduction to Public Relations
 PRE 3500 Organizational Communications
 PSY 2160 Social Psychology
 PSY 2700 Industrial/Organizational Psychology
 PSY 3160 Psychology of Leadership
 SOC 3130 The Community
 SOC 3180 Community Development
 SOC 3540 Gender and Society
 SOC 4400 Conflict Management
 SOC 4620 Sociological Social Psychology

**Students who take this course must also take additional prerequisites, which will add credit hours to their program.*

Advertising:

MCM 2100 Introduction to Mass Communication
 MCM 2400 Writing for the Media
 PRE 2700 Introduction to Advertising or MKT 4300 Integrated Marketing Communications
 MKT 3200 Consumer Behavior
 And 3 additional hours from the following:
 BRD 3130 Broadcast Advertising
 PRE 4150 Advertising Media
 (also recommended: ART 2500 Intermediate Digital Arts)

Allied Health Leadership:

ECN 3740 Health Economics
 PHI 3760 Medical Ethics
 SOC 2800 Health & Society
 SOC 3010 Community Health Organizations & Society
 SOC 3730 Health Promotions and Wellness

Economic Development:

ECN 3010 Managerial Economics
 ECN 4080 Economic Development
 SOC 3180 Community Development
 SOC 4180 Voluntary Associations and Non-Profit Organizations
 SOC 4420 Community Resource Development

Financial Administration:

ACC 2270 Financial Accounting
 ACC 2280 Managerial Accounting
 FIN 3100 Business Finance
 FIN 4100 Financial Management
 FIN 4180 Investment Analysis and Portfolio Management

Office Administration:

MCM 2100 Introduction to Mass Communication

MCM 2400 Writing for the Media

MGT 3090 Organizational Leadership

And 6 additional hours from the following:

MGT 4080 Human Resource Management

PRE 2200 Introduction to Public Relations

PRE 3500 Organizational Communications

SOC 4400 Conflict Management

Validation of Applied Associate Degree

30

Electives

7

Total: 120**B.I.S. IN APPLIED INFORMATION TECHNOLOGY**

The Bachelor of Interdisciplinary Studies in Applied Information Technology builds upon computer programming skills as core requirements, and augments such proficiencies with management of information technology and communication skills. Courses such as operations management, statistics, and project management enhance these skills. Graduates will be ready for a variety of practical careers requiring application of computers and computing/statistical skills to managerial decision-making. The program of study for the BIS in Applied Information Technology consists of five components: General Education Requirements (44 hours); Core Requirements (27 hours), Track Requirements (18 hours), 30 hours upon verification of the student's holding an Applied Associate Degree, and Electives (6 hours).

Requirements for a Bachelor of Interdisciplinary Studies Degree:**Sem. Hrs.****Major in Applied Information Technology****General Education Requirements, including:**

44

MAT 1070 College Algebra

Core Requirements:

27

CSC 1750 Introduction to Algorithms

CSC 1760 Introduction to Programming

CSC 2050 Introduction to Programming C

DSC 2090 Spreadsheet and Database Management

ENG 3580 Professional Writing or MGT 3030 Business

Communication

ITM 3010 Management Information Systems

MGT 3060 Organization & Management

MGT 3090 Organizational Leadership

SOC 2200 Computers and Society

Track—Industrial Administration:

18

DSC 3130 Business Statistics I

DSC 3140 Business Statistics II

MGT 4010 Fundamentals of Project Management

MGT 4410 Operations Management

SOC 4250 Organizations in Society

SOC 4400 Conflict Management

Validation of Applied Associate Degree

30

Electives

6

Total: 125

B.I.S. IN CRIMINAL JUSTICE

The Bachelor of Interdisciplinary Studies in Criminal Justice prepares graduates for a variety of criminal justice careers, including traditional police, courts, and corrections jobs in the public sector and ever expanding opportunities in the private sector. This major gives students an overall understanding of the organization and administration of the American criminal justice system and an academic concentration to enhance specific knowledge and skills in one of four areas: Applied Information Technology, Forensics, Sociology, or Substance Abuse. The program of study for the BIS in Criminal Justice consists of four components: General Education Requirements (44 hours); Core Requirements (27 hours); Track Requirements (21 hours for Applied Information Technology, 27 hours for Forensics, 24 hours for Sociology, or 21 hours for Substance Abuse); and 30 hours upon verification of the student's holding an Applied Associate Degree.

Requirements for a Bachelor of Interdisciplinary Studies Degree: Major in Criminal Justice **Sem. Hrs.**

General Education Requirements, including: 44

For all Tracks:

SOC 1020 Introduction to Sociology

For the Applied Information Technology Track only:

MAT 1070 College Algebra

For the Forensics Track only:

BIO 1000 Principles of Biology

MAT 1070 College Algebra

CHM 1300 General Chemistry I

CHM 1310 General Chemistry II

PSY 1010 Introductory Psychology

Core Requirements: 27

CRJ 2000 Introduction to Criminal Justice

CRJ /SOC 2400 Criminology

CRJ 3000 Criminal Law

CRJ 3010 Criminal Justice Writing/Rhetoric

CRJ 3150 Criminal Investigation

CRJ/SOC/SWK 3600 Social Statistics

CRJ/SOC 3610 Social Research

CRJ 4000 Criminal Procedure

3 add'l. hours of 4000-level courses with a CRJ prefix or cross-listed with

CRJ

Tracks (Choose one of the four tracks below): 21-27

Applied Information Technology:

DSC 2090 Spreadsheet and Database Management

DSC 3130 Business Statistics I

DSC 3140 Business Statistics II

ITM 3010 Management Information Systems

MGT 3060 Organization and Management

MGT 3090 Organizational Leadership

MGT 4010 Fundamentals of Project Management

Forensics:

BIO 3180 Principles of Genetics

BIOL 1000 Principles of Biology Lab

CHM 1100 & 1110 General Chemistry Laboratory I & II

CHM 2500 Organic Chemistry I

CHM 2270 Analytical Chemistry

Tracks—Forensics (Cont.):

21-27

CHM 3110/3120 Biochemistry I & Experimental Methods in
Biochemistry
CHM 3210 Biochemistry II
CHM 3240 DNA Analysis Laboratory
CHM 4200 Forensic Chemistry
(Additional Recommended Courses: BIO 3150 Microbiology, BIO
3710 Cell Biology, BIO 4130 Molecular Biology, and BTEC 3220
Biotechnology I)

Sociology:

SOC 2090 Social Problems in Modern Society
SOC 3210 Social Inequalities
SOC/CRJ 3680 Law and Society
SOC/CRJ 4400 Conflict Management
12 additional hours at the 3000-4000 level of courses with a SOC prefix
or cross-listed with SOC

Substance Abuse:

CRJ 2830 Interviewing Skills or CRJ 3610 Social Research
HLTH 3770 Drugs, Society, and Behavior
SOC 3780 Sociology of Drug Use
SOC 3790 Substance Abuse Prevention
SOC 4610 Addiction and Women

And 6 hours chosen from:

CRJ 3500 Offender Rehabilitation
CRJ 3670 Social Deviance
SOC 3690 Sociology of Mental Disorders
SOC 4530 Family Violence

Validation of Applied Associate Degree

30

Total:

122-128

B.I.S. IN HOSPITALITY

The Bachelor of Interdisciplinary Studies in Hospitality prepares students for a variety of rewarding careers in the growing hospitality industry. Equipped with entrepreneurial skills in addition to management, marketing, and strong communication proficiencies, graduates will be well-positioned for employment at managerial ranks in resorts and spas as well as restaurant and hotels. The program of study for the BIS in Hospitality consists of five components: General Education Requirements (44 hours), Core Requirements (30 hours), Track Requirements (16 hours), and 30 hours upon verification of the student's holding an Applied Associate Degree.

Requirements for a Bachelor of Interdisciplinary Studies Degree:	Sem. Hrs.
Major in Hospitality	
General Education Requirements , including:	44
ECN 1000 Economics of Social Issues	
PSY 1010 General Psychology	
MAT 2100 Statistics I	
Core Requirements:	30
ENG 3580 Professional Writing	
ENTR 2000 Innovation	
ENTR 2100 Growth and Sustainability	
FIN 3000 Finance of Small and Entrepreneurial Businesses	

Core Requirements (Cont.):	30
MGT 3060 Organization and Management	
MGT 4080 Human Resource Management	
MKT 3120 Principles of Marketing	
MKT 4300 Integrated Marketing Communications	
PSY 2700 Industrial/Organizational Psychology	
SPE 2000 Interpersonal Communication	
Track—Resort, Hotel and Restaurant Administration	16
ENTR 4000 Planning and Strategy	
HLTH 2060 Nutrition	
MKT 4200 Personal Selling and Sales Management	
REC 4400 Tourism and Commercial Recreation	
SOC 4250 Organizations in Society	
SOC 4400 Conflict Management	
Validation of Applied Associate Degree	30
	Total: 120

B.I.S. IN PUBLIC AND NON-PROFIT ADMINISTRATION

The Bachelor of Interdisciplinary Studies in Public and Non-Profit Administration prepares graduates for a variety of careers in local, state, and national government and a variety of not-for-profit organizations, like social service agencies, hospitals, schools, religious organizations, and philanthropic foundations. This major gives students an overall understanding of the organization and administration of public and non-profit organizations and their relations with other local, state, national, and international entities. Beyond this foundation, students may craft a specialization to fit their future career goals or choose to receive training in one of four pre-set areas of specialization: Allied Health Administration, Financial Administration, Public Management, or Substance Abuse. The program of study for the BIS in Public and Non-Profit Administration consists of five components: General Education Requirements (44 hours); Core Requirements (27 hours); Track Requirements (18 hours); 30 hours upon verification of the student's holding an Applied Associate Degree; and 3 to 6 hours for Electives.

Requirements for a Bachelor of Interdisciplinary Studies Degree: Major in Public and Non-Profit Administration	Sem. Hrs.
General Education Requirements, including:	44
<i>For all Tracks:</i>	
ECN 1000 Economics of Social Issues <i>or</i> ECN 2020 Principles of Microeconomics <i>or</i> ECN 2030 Principles of Macroeconomics	
PLS 1000 Introduction to Political Science <i>or</i> PLS 1010 American National Government	
SOC 1020 Introduction to Sociology	
<i>For the Financial Administration Track only:</i>	
MAT 1070 College Algebra	
MAT 2100 Introduction to Statistics	
<i>(Students interested in the Spanish Track or taking Spanish courses under the General Track who are not placed into one of the intermediate Spanish courses based on transferred credits or testing must also take the beginning SPN 1310/1320 Spanish sequence.)</i>	
<i>For the Public Management Track only:</i>	
PLS 1010 American National Government	

Core Requirements:

27

- MGT 3060 Organization and Management
- MGT 3080 Organizational Leadership
- MKT 3120 Principles of Marketing
- PLS 2010 American State Government or PLS 2020 Local Government in the U.S.
- SOC 2090 Social Problems in Modern Society
- SOC 3000 Sociological Writing/Rhetoric *or* CRJ 3010 Criminal Justice Writing/Rhetoric
- SOC 4180 Voluntary Associations and Non-Profit Organizations
- SOC 4420 Community Resource Development
- SOC 4850 Internship or MGT 4800 Management Internship or PLS 3600 Introductory Internship in Political Science (3 hrs.)

Tracks (Choose one of the five tracks below):

15-18

General: (18 hours from the following list of courses without other specific Track; at least 12 hrs must be at the 3000-4000 level. Only 12 hours taken from this list may be courses that have ACC, BLAW, ECN, FIN, MGT, or MKT prefixes.)

- ACC 2270 Financial Accounting
- ACC 2280 Managerial Accounting
- ACC 4500 Governmental and Not-for-Profit Accounting
- AIS 4020 Federal Policy and the American Indian
- AIS 4600 American Indian Health
- BLAW 2150 Legal Environment of Business
- ECN 3070 Internet Economics
- ECN 3080 Environmental Economics
- ECN 3300* Public Finance
- ECN 3500 Survey of Ethics in Economics and Finance
- ECN 3740 Health Economics
- ECN 4070* Labor Economics
- ECN 4080* Economic Development
- ENV 4100 Environmental Laws and Regulations
- FIN 3100* Business Finance
- HLTH 3770 Drugs, Society, and Behavior
- MGT 3010 Organizational Crisis Management
- MGT 3030 Business Communications
- MGT 4070 Organizational Theory
- MGT 4080 Human Resource Management
- MGT 4300 Business Ethics and Social Responsibility
- MCM 2100 Introduction to Mass Communication
- MCM 2400 Writing for the Media
- MCM 3600 Media and Culture
- PAD 2100* Introduction to Public Administration
- PHI 2040 Introduction to Ethics
- PHI 4430 Business Ethics
- PRE 2200 Introduction to Public Relations
- PRE 3500 Organizational Communications
- PLS 3010* Political Parties and Interest Groups in the United States
- PLS 3800 International Organizations
- PSY 2160 Social Psychology
- PSY 2700 Industrial/Organizational Psychology

Track—General (Cont.):

- PSY 3160 Psychology of Leadership
- SOC 3010 Community Health Organizations and Services
- SOC 3030 The Family
- SOC 3130 The Community
- SOC 3140 Collective Behavior and Social Movements
- SOC 3180 Community Development
- SOC 3210 Social Inequalities
- SOC 3240 Sociology of Poverty
- SOC 3540 Gender and Society
- SOC 3610 Social Research
- SOC 3670 Social Deviance
- SOC 3690 Sociology of Mental Disorders
- SOC 3730 Health Promotions and Wellness
- SOC 3750 Death and Dying
- SOC 3780 Sociology of Drug Use
- SOC 3790 Substance Abuse Prevention
- SOC 4250 Organizations in Society
- SOC 4400 Conflict Management
- SOC 4530 Family Violence
- SOC 4610 Addiction and Women
- SOC 4620 Sociological Social Psychology
- SPN 2310 Intermediate Spanish I or SPN 2320 Intermediate Spanish II or SPN 3120 Spanish Conversation
- SPE 3580 Discussion and Debate

**Students who take this course must also take additional prerequisites, which will add credit hours to their program.*

(Students interested in taking Spanish courses under the General Track who are not placed into one of the intermediate Spanish courses based on transferred credits or testing must also take the beginning SPN 1310/1320 Spanish sequence.)

Allied Health Administration:

- ECN 3740 Health Economics
- PHI 3760 Medical Ethics
- SOC 2800 Health & Society
- SOC 3010 Community Health Organizations & Society
- SOC 3730 Health Promotions and Wellness
- SOC 3750 Death and Dying

Financial Administration:

- ACC 2270 Financial Accounting
- ACC 2280 Managerial Accounting
- ECN 3300 Public Finance or ECN/FIN 3500 Survey of Ethics in Economics and Finance
- FIN 3050 Risk Management
- FIN 3100 Business Finance
- FIN 4100 Financial Management

Public Management:

- ECN 3300 Public Finance *or* PAD 3440 Intro to Budgeting and Financial Management
- PAD 2100 Introduction to Public Administration

Public Management (Cont.):

- PLS 2330 Introduction to Theory and Methodology *or* PAD 2330
Intro to Public Administration Methodology
PLS 3010 Political Parties and Interest Groups in the United States
PLS 3020 Administration of Municipal Government in the U.S.

Substance Abuse:

- CRJ 2830 Interviewing Skills *or* CRJ 3610 Social Research
HLTH 3770 Drugs, Society, and Behavior
SOC 3780 Sociology of Drug Use
SOC 3790 Substance Abuse Prevention
SOC 4610 Addiction and Women
And 3 hours chosen from:
CRJ 3500 Offender Rehabilitation
CRJ 3670 Social Deviance
SOC 3690 Sociology of Mental Disorders
SOC 4530 Family Violence

Validation of Applied Associate Degree

30

Electives

3-6

Total: 122**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
English Education (Secondary Education 9-12, Middle Grades Language Arts 6-9)	Dept. of English, Theatre, and Foreign Languages	Dr. Denise Feikema
Mathematics Education (secondary 9-12, middle grades 6-9)	Dept. of Mathematics and Computer Science	Ms. Melissa R. Edwards
Science Education (secondary 9-12, middle grades 6-9)	Dept. of Biology	Ms. Mary Ash
Social Studies Education (secondary 9-12, middle grades 6-9)	Dept. of History	Dr. Serina Cinnamon
Art Education (K-12)	Dept. of Art	Dr. Tulla Lightfoot
Music Education (K-12)	Dept. of Music	Dr. José Rivera

Health/Physical Education (K-12)	Dept. of Health, Physical Education, and Recreation	Dr. Denny Scruton
Special Education (K-12)	Dept. of Educational Specialties	Dr. Marisa Scott
Birth to Kindergarten (B-K)	Dept. of Educational Specialties	Dr. Irina Falls
Elementary Education (K-6)	Dept. of Elementary Education	Dr. Kelly Ficklin
Spanish Licensure (K-12)	Dept. of English, Theatre, and Foreign Languages	Dr. Ana Cecilia Lara

ENTREPRENEURSHIP PROGRAMS

Director: Michael Menefee

The School of Business (in consultation with the Office of Engaged Outreach) offers students the opportunity to pursue a Bachelor of Science in Business Administration with a track in Entrepreneurship, as well as an Entrepreneurship Certificate Program and a minor in Entrepreneurship.

BACHELOR OF SCIENCE IN BUSINESS ADMINISTRATION

Requirements for a Bachelor of Science in Business Administration:	Sem. Hrs.
Entrepreneurship Track	
Freshman Seminar	1
General Education, including: MAT 1070 and 2150 or 2210, ECN 2020, 2030	44
BSBA Common Body of Knowledge	45
BUS 1001-1006, DSC 2090, BLAW 2150; ACC 2270, 2280; DSC 3130, 3140; MGT 3030, 3060; MKT 3120, FIN 3100; ECN 3010 or ECN/FIN 3040; ITM 3010; MGT 4410, 4660; and ONE of the following six courses to satisfy the School's international requirement: BLAW 3160, ECN 2410, ECN 4400, FIN 4210, MGT 3150, or MKT 3130*	
Entrepreneurship Track: MGT 4100, FIN 3000, ENTR 4000, and any two of the following: MGT 3090, 3150, MKT 3130, 3200, 4050, 4200, FIN 3050, 4180, ITM 3200, ART/BRD/MUS 3800, MUS 3580, MCM 3600, REC 4160, 4400	15
Business Electives (3000 or 4000 level)**	6
General Electives***	9
	Total:120

*A study-abroad program approved by the department chair and the dean/assistant dean may replace this requirement.

**BLAW 3180 highly recommended as a Business Elective

***ART 2560 highly recommended as a General Elective for web-based businesses

ENTREPRENEURSHIP CERTIFICATE PROGRAM

The Entrepreneurship Certificate Program (ECP) provides UNCP students in good standing from all majors the opportunity to learn how to start and manage their own businesses. The ECP

consists of five courses (15 hours) in a 2-2-1 format. The first course (ENTR 2000) in the program covers business start-ups. The second course (ENTR 2100) covers business sustainability. The next two designated courses are from the major field of the student, of 3000 or higher level, with departmental approval and determined before the student matriculates in this program. The last course (ENTR 4000) helps the student create a comprehensive business plan. An entrepreneurship certificate will be granted after the successful completion of the program provided the student has a “C” average in the major courses and a “C” average in the Entrepreneurship courses.

Requirements for an Entrepreneurship Certificate	Sem. Hrs.
Required ENTR Courses: ENTR 2000, 2100, 4000	9
Other Required Courses: Two 3000- or higher-level courses in the student’s major field, with departmental approval	6
	Total: 15

ENTREPRENEURSHIP MINOR

The minor in entrepreneurship provides students the opportunity to learn how to start and manage their own businesses. The minor consists of six courses (18 hours). The first two courses in the minor cover business start-up (ENTR 2000) and sustainability (ENTR 2100). The next three courses focus on marketing (MKT 3120), finance (FIN 3000), and law (BLAW 2150). The last course (ENTR 4000) in strategy helps the student create a comprehensive business plan.

Requirements for an Entrepreneurship Minor	Sem. Hrs.
Required Courses: ENTR 2000, 2100, 4000, BLAW 2150, MKT 3120, FIN 3000	18
	Total: 18

COURSES (ENTR)

ENTR 2000. Innovation (3 credits)

This course emphasizes starting a new business venture. Topics covered include taking an idea, product, or service to a business venture, finding initial financing, doing marketing research, picking a business structure, defining operations and methods, finding a location, and staffing of the business.

ENTR 2100. Growth and Sustainability (3 credits)

This course emphasizes sustaining a new business venture. Topics covered include marketing for growth, finding growth financing, developing a long term business strategy, improving business operations, managing human resources, understanding basic legal issues, and protecting intellectual property. PREREQ: ENTR 2000.

ENTR 2200. Invention and New Products (3 credits)

This course provides a basis for new product development including product testing and safety, protection of intellectual property rights, licensing procedures, and marketing inventions.

ENTR 4000. Planning and Strategy (3 credits)

This course for the ECP and Minor in Entrepreneurship programs will let the students create entrepreneurial ventures. The emphasis here is to allow the students with faculty supervision to create plans and develop products and/or services for a viable business entity. PREREQ: ENTR 2100 or MGT 4100.

SPECIAL PROGRAMS AND INTERDISCIPLINARY PROGRAMS

TEACHING FELLOWS PROGRAM

Director: Karen Granger

The University of North Carolina at Pembroke is one of the seventeen institutions participating in the North Carolina Teaching Fellows Program. The Program is funded by the State of North Carolina to attract the “best and brightest” students to the teaching profession. Each Teaching Fellow receives a \$26,000 scholarship (\$6500/year for four years) and is required to teach in North Carolina for at least four years.

Teaching Fellows choosing to attend UNC Pembroke participate in an academically and culturally enriched teacher education program. Throughout their program of study at UNCP, Teaching Fellows participate in monthly seminars on topics including cultural diversity, leadership development, and other issues of importance to future teachers. The seminars are led by faculty, area educators, and leaders from the public and private sectors. Teaching Fellows work closely with select faculty mentors on research and special projects.

Educational and recreational field trips provide Teaching Fellows the opportunity for personal and professional development. Special social events are scheduled each semester. Teaching Fellows participate in activities coordinated by the Public School Forum during the summers following their freshman, sophomore, and junior years.

Additional information on the program is available from the Teaching Fellows Program Office.

COLLEGE OPPORTUNITY PROGRAM

Director: Deana Johnson

Robin L. Snead Amy Williams

The College Opportunity Program (COP) 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 based on recommendations from the Office of Undergraduate Admissions, and students enroll in courses designed to develop academic skills which will be necessary for their success at UNC Pembroke. In the Fall and Spring Semesters, the student is allowed to register for 15-17 hours of academic courses. In addition, students meet regularly with the COP advisors for academic counseling as well as participate in special programs throughout the academic year. Students who meet the University’s academic eligibility requirements and have successfully completed the College Opportunity Program (made a “C” or higher in ENG 0104, FRS 1000, ENG 1050, and ENG 1060) then continue at the University as other regularly admitted students

INTERDISCIPLINARY MAJORS AND MINORS

SCIENCE EDUCATION MAJOR

Coordinator: Mary C. Ash

Several interdisciplinary programs prepare science educators to teach middle school (6-9) or high school (9-12) science. See the Department of Biology section for descriptions of the programs of study for the B.S. in Science Education (6-9) and the B.S. in Science Education (9-12).

AFRICAN AMERICAN STUDIES MINOR

Coordinator: Frederick H. Stephens

The Departments of Social Work; English, Theatre, and Foreign 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, PLS).*

Area 1: Social Work/Sociology and Criminal Justice

SWK 3820/SOC 3820 African American Populations

Area 2: Literature

ENG 2100 African American Literature; ENG 3100 The Harlem Renaissance; ENG 4250 African American Rhetorics; ENGS 2xxx (approved topics only); ENGS 4xxx (approved topics only)

Area 3: Geography

GGYS 4xxx (approved topics only)

Area 4: History

HST 1030 Introduction to African American History; HST 3610 African American History to 1863; HST 3620 African American History Since Emancipation; HST 3750 Sub-Saharan Africa; HST 4360 Civil Rights Movement; HST 4020 (approved topics only); HSTS 4xxx (approved topics only)

Area 5: Political Science

PLS 3750 Politics in the Developing World; PLSS 3000-3100 (approved topics only); PLS 3980 (approved topics only); PLS 4200 (approved topics only); PLS 4300

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.

AMERICAN STUDIES MINOR

Coordinator: Ryan K. Anderson

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.

APPLIED GERONTOLOGY MINOR

Coordinator: David Dran

The Programs in Biology; Nursing; Health, Physical Education, and 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. Any course that is offered by the Southeastern Gerontology Consortium [SGC] is automatically approved for the Minor. For more information about the SGC, see www.uncp.edu/gerontology.

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 1030 or PED 3490 (3), SWK 2700 (2), NUR 3300 (3), PSY 3050 (3), REC 4250 (3), SWK 3000 (3), SOC 3750 (3), SWK 3840 (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

ASIAN STUDIES MINOR

Coordinator: TBA

The Asian Studies minor satisfies a demand for more knowledge of Asia, a region with growing importance in global business, international politics, and world environmental issues. As an interdisciplinary program, it enhances the portfolio of UNCP graduates as they enter the increasingly competitive workplace where nuanced and informed decision-making is key in a globally diverse and complex society. See the Department of History for a complete description of this program.

BRITISH STUDIES MINOR

Coordinator: Charles Beem

The Departments of History; English, Theatre, and Foreign Languages; and Philosophy and Religion offer a minor in British Studies. This program is designed to provide an interdisciplinary curriculum for History majors pursuing an emphasis in British history and English majors specializing in British literature, to broaden their understanding of the cultural, social, and political evolution of Great Britain. See the Department of History for a complete description of this program.

GENDER STUDIES MINOR

Co-Coordinators: E. Brooke Kelly, Jessica A. Abbott

Gender Studies is an interdisciplinary minor focusing on the development, maintenance, and consequences of gender in everyday life. The minor includes courses from Sociology, Social Work, History, English, American Indian Studies, and Nursing to provide a well-rounded understanding of gender. See www.uncp.edu/gender for further information.

Requirements for a Minor in Gender Studies

Students must take 18 hours from the courses listed below, selecting courses from at least two different disciplines (AIS, ENG, HST, NUR, SOC, or SWK)*:

AIS/HST 4250, ENG 2080, HST 3800, HST 4070, HST 4120,
NUR 4210, SOC 3030, SOC 3540, SOC 3890, SOC/SAB 4610,
SOC/SWK 3870, SWK 3040

Sem. Hrs.

Total: 18

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

HISPANIC STUDIES MINOR

Coordinator: Ana Cecilia Lara

The Departments of American Indian Studies; English, Theatre, and Foreign Languages; History; Political Science and Public Administration; Social Work; and Sociology and Criminal Justice offer a minor in Hispanic Studies. This program is designed to provide an interdisciplinary curriculum for students pursuing a better understanding of the cultural, linguistic, social, and historical aspects of the Spanish-speaking world.

Requirements for a Minor in Hispanic Studies	Sem. Hrs.
Core Requirements	6
SPN 2310 and 2320	
Guided Electives: Four courses from at least two different departments, with a minimum of three 3000- or 4000-level courses	12
American Indian Studies: AISS 4xxx	
English and Theater: ENG 2190, ENGS 22xx, 33xx, 44xx	
Foreign Languages: SPN 3110, 3120, 3210, 3220, 3310, 3360, 3510, 3610, 3620, 4210, 4220, 4550, SPNS 4xxx	
History: HST 3840, 3850, 3860, 3870, 3990, 4990, HSTS 4xxx	
Guided Electives (cont.)	
Political Science: PLS 4300	
Social Work: SWK 3750, SWKS 4xxx	
Sociology and Criminal Justice: SOCS 4xxx	
World Studies: WLS 2990	
(Special topics courses related to Hispanic Studies must be approved by the program coordinator and department chair.)	
	Total: 18

JEWISH AND MIDDLE EASTERN STUDIES MINOR

Coordinator: Mordechai Inbari

The Jewish and Middle Eastern Studies Minor presents a multi-disciplinary program committed to innovative teaching in a broad range of fields including Ancient Near East, Jewish Studies, Islamic and Middle East Studies, and Israel Studies. Dedicated to intellectual openness and pedagogic excellence, the program offers courses that engage critical questions of the history, religion, culture, language, and social and political science of Middle Eastern civilizations.

Requirements for a Minor in Jewish and Middle Eastern Studies	Sem. Hrs.
Core Requirements	6
REL 3150; HST 3740 or REL 3030	
Guided Electives: At least one History course, at least one Religion course, and 2 additional courses from the list below:	12
History: HST 3750, 3811, 4210, 4300, 4450, 4460; HSTS 4185, 4230	
Religion: REL 2030, 2180, 3025, 3180, 3210, 3370, 4010, 4070, 4230	
Political Science: PLSS 3030	
Sociology and Criminal Justice: CRJ 2010	
Foreign Languages: SPNS xxxx (when offered as Islamic Cultural Heritage in Spain)	
	Total: 18

MEDIA INTEGRATION STUDIES MINOR

Coordinator: John Antoine Labadie

Media Integration Studies (MIS) is an opportunity for interdisciplinary study in digital studios within two academic departments: Art 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	Sem. Hrs.
Required Courses: ART 1450, ART/MUS 3800, 4580, 4800	12
Electives: Choose 2 courses from ART 1500, 2400, 2500, 3000, 3500, 4750, MUS 3580, 3670	6
Total:	18

NON-PROFIT LEADERSHIP MINOR

Coordinator: James W. Robinson

The interdisciplinary Non-Profit Leadership Minor offers an innovative curriculum that prepares students for service in the non-profit sector. This minor provides coursework and experiential training to position students to be effective 21st-century non-profit leaders in paid or volunteer capacities.

Requirements for a Minor in Non-Profit Leadership	Sem Hrs.
Required Courses: MGT 3060, MGT 3090, SOC 4180, SOC 4420, and SOC 4850 or MGT 4800	15-18
Elective Courses: select 3 hours from the following list if SOC 4850 is taken or 6 hours if MGT 4800 is taken: MGT 4070, MKT 3120, MCM 2100, PRE 2200, PRE 3500, SOC 2090, SOC 4250, or CRJ/SOC 4400	3-6
Total:	21

PERSONNEL AND ORGANIZATIONAL LEADERSHIP MINOR

Coordinator: TBA

The Departments of Psychology 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 or Political Science and Public Administration or Marketing, Management, and International 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 2160, 3160, 3170, 4030, 4150	9

Management/Administration: select 3 courses from the following 9
 MGT 3060, 3090, 4080, 4660; ECN 4070; PLS 2100, 3190,
 3600

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

Coordinator: Sherry Edwards

A 20-21 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 2830 or SWK 3800, SAB 3770, SAB 4550, SOC 3780 or SAB 4610	12
Elective Courses: Select 8-9 hours from the following: CRJ/SOC 3670, CRJ/SWK 3500, SAB/SWK 2700, SOC 2090, SOC 3030, SOC/SWK 2450, SOC 3790	8-9
	Total: 20-21

COURSES (SAB)

SAB 2700. Medical Terminology (SWK 2700) (2 credits)

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.

SAB 2830. Interviewing Skills (CRJ 2830) (3 credits)

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 techniques 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.

SAB 3770. Drug Use and Abuse (HLTH 3770) (3 credits)

A study of the types and functions of pharmaceutical treatments. Drug addiction is analyzed as a social, psychological, and biological process. Prerequisite: SOC 2010 or permission of instructor.

SAB 4550. Treatment of Alcohol and Drug Addiction (SWK 4550) (3 credits)

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.

SAB 4610. Addiction and Women (SOC 4610) (3 credits)

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.

TERRORISM STUDIES MINOR

Coordinator: Robert McDonnell

The minor in terrorism studies is designed to accommodate the student who is majoring in criminal justice, political science, religion, or some other discipline and is interested in pursuing a career in law enforcement, corrections, law, and/or government. It provides the student an interdisciplinary approach within the social sciences and addresses the unique challenges presented by terrorism and its impact on our national security and the political world. The program examines how this phenomenon impacts democratic societies and the geo-political environment in the face of an unparalleled threat environment.

Requirements for a Minor in Terrorism Studies	Sem. Hrs.
Core Courses: CRJ 2010, CRJ 4200, CRJ 4230	9
Electives: select three of the following courses: CRJ 3440, CRJ 3520 (SOC 3520), CRJ 4210, CRJ 4220, PLS 4170, REL/PLS 3025, REL 3280	9
	Total: 18

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	Sem. Hrs.
World Studies: select two courses from WLS 2000, 2510, and 4500	
Elective Courses: select four with coordinator (see below)	
	Total: 18

COURSES (WLS)

WLS 1000, 1010, 1020, 1030. University Convocation Program (1 credit)

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.

WLS 1500. Introduction to International and Intercultural Relations (1-3 credits)

This course is an academic and cultural introduction to the US system of higher education and the similarities and contrasts with other countries. Topics include the responsibilities of being good global citizens and adjustment issues in university life in the US and abroad. This course will prepare international or study abroad students for academic life in the US/foreign university and help develop the necessary skills to become successful global citizens.

WLS 2000. World Cultural Geography (GGY 2000) (3 credits)

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.

WLS 2100. Multicultural Center Internship (3 credits)

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. PREREQ: Approval of World Studies Minor Coordinator and the Director of the Multicultural Center.

WLS 2510. Introduction to World Politics (PSPA 2510) (3 credits)

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. PREREQ: PSPA 1000 or 1010.

WLS 2990. Study Abroad (3 credits)

Students who successfully study abroad for a trip lasting a minimum of one week 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. Course may be repeated once for a maximum of 6 semester hours. PREREQ: Approval of the Office of International Programs.

WLS 3200. Service Internship (3 credits)

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. Course may be repeated once for a maximum of 6 semester hours. PREREQ: Approval of the Office of International Programs.

WLS 4500. Seminar in International and Intercultural Relations (3 credits)

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. 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
Management, Marketing, and International Business	Philosophy and Religion
Geology and Geography (Geography)	Political Science
Foreign 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 prescribed 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, Pre-Physical/Occupational Therapy	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.