

## DISTANCE EDUCATION PROGRAMS

### DISTANCE EDUCATION/EXTENSION PROGRAMS

(<http://www.uncw.edu/extension> and <http://www.uncw.edu/online>)

The Division of Academic Affairs administers the university's distance education and extension programs. The university operates the following undergraduate and graduate degree completion programs at the Jacksonville/Onslow County program site and/or online. Selected graduate degree completion is also available in Jacksonville/Onslow County program site and/or online.

#### Undergraduate Programs

- business administration
- clinical research
- criminology/criminal justice
- elementary education
- nursing (RN-Access)
- social work

#### Graduate Programs

- Master of Arts in liberal studies
- Master of Education in elementary education
- Master of Science in chemistry

Classes are held on the Coastal Carolina Community College campus, the Marine Corps Base at Camp Lejeune, and online. Licensure courses are also offered for several teaching areas. Questions about admission to Onslow Extension Programs can be directed to the admissions counselor located at 444 Western Boulevard, Jacksonville, NC 28450. Telephone (910) 346-8246; [www.uncw.edu/extension](http://www.uncw.edu/extension). Additional extension offerings include undergraduate degree completion in elementary education at select off-campus sites (i.e., Brunswick Community College, James Sprunt Community College, Southeastern Community). Applications for admission to all extension/distance education programs are received by the Admissions Office; requests for transcripts should be made to the Registrar of the University of North Carolina Wilmington. Graduate extension applications are received by the Graduate Office.

Information concerning all extension programs and distance education courses may be obtained by contacting the Division of Academic Affairs at UNCW, 601 South College Road, Wilmington, NC 28403-5900; phone (910) 962-3876 or by visiting [www.uncw.edu/extension](http://www.uncw.edu/extension) or [www.uncw.edu/online](http://www.uncw.edu/online).

## SERVICEMEMBERS OPPORTUNITY COLLEGES

The University of North Carolina Wilmington is a member of Servicemembers Opportunity Colleges (SOC), a consortium of over 1,700 institutions pledged to be reasonable in working with service members and veterans trying to earn degrees while pursuing demanding, transient careers. The university supports the SOC principles and criteria as a framework for policies that are fair, equitable and effective in recognizing the special conditions faced by military students and their family members.

SOC is sponsored by fifteen higher education associations with the military services, the National Guard Bureau, and the Office of the Secretary of Defense serving as cooperative agencies.

Participating institutions within the SOC program may agree to guarantee transferability of courses according to pre-approved tables developed within specific SOC Degree Program Networks. A network consists of one or more specified curriculum areas leading to academic degrees offered by participating colleges and universities at their home campuses and a variety of military installations throughout the world. The University of North Carolina Wilmington is a participating member in the following networks: SOCMAR (Marine Corps) four-year and the SOCNAV four-year network for the Bachelor of Arts degree in elementary education and the Bachelor of Arts degree in criminology and criminal justice. The significance of this participation is that designated courses are pre-approved and guaranteed to be accepted, in transfer, by other institutions participating in the network. As recommended by the SOC program, the University of North Carolina Wilmington extends these guarantees to veterans, retired military and adult family members of military personnel attending classes at our main campus and distance education campus sites.

The University of North Carolina Wilmington is a member of the Servicemembers Opportunity Colleges (SOC) Consortium and the SOC Degree Network System.

## Servicemember Opportunity Colleges Consortium

Servicemembers Opportunity Colleges (SOC), established in 1972, is a consortium of national higher education associates and more than 1,700 institutional members. SOC Consortium institutional members subscribe to principles and criteria to ensure and quality academic programs are available to military students, their family members, civilian employees of the Department of Defense (DoD) and Coast Guard, and veterans. A list of current SOC Consortium member institutions can be found on the SOC Web site at <http://www.soc.aascu.org/>.

### SOC Degree Network System

The SOC Degree Network System (DNS) consists of a subset of SOC Consortium member institutions selected by the military services to deliver specific associate and bachelor's degree programs to servicemembers and their families. Institutional members of the SOC DNS agree to special requirements and obligations that provide military students, their spouses and college-age children with opportunities to complete college degrees without suffering loss of academic credit due to changes of duty station.

SOC operates the 2- and 4-year Degree Network System for the Army (SOCAD), Navy (SOCNAV), Marine Corps (SOCMAR), and Coast Guard (SOCCOAST). Refer to the SOC Degree Network System-2 and -4 Handbooks to view associate and bachelor's degree programs, location offerings, and college information. An electronic version of the handbook is posted on the SOC Web site, <http://www.soc.aascu.org>, on the SOCAD, SOCNAV, SOCMAR, and SOCCOAST home pages.

## JOINT PROGRAMS

**THE THREE-PLUS-TWO PROGRAM IN ENVIRONMENTAL ENGINEERING (SEE PAGE 129.)**

**THE THREE-PLUS-TWO PROGRAM IN PHYSICS AND ELECTRICAL ENGINEERING (SEE PAGE 150.)**

**THE THREE-PLUS-TWO PROGRAM IN COMPUTER SCIENCE AND ELECTRICAL OR COMPUTER ENGINEERING (SEE PAGE 124.)**

### THE TWO-PLUS-TWO ENGINEERING PROGRAM

<http://www.uncw.edu/preeng/>

Dr. Kenneth C. Diehl, *director*

The Two-Plus-Two Engineering Program is offered jointly by the University of North Carolina Wilmington and North Carolina's three state-supported Colleges of Engineering. It leads to a bachelor's degree from either North Carolina State University, the University of North Carolina at Charlotte, or North Carolina A&T State University, or East Carolina University. The purpose of the Two-Plus-Two Program is to offer students the opportunity to complete approximately one-half of the B.S. degree requirements by attending UNCW for the first two years and then allow transferring to one of the three universities for the remaining two years. Courses offered at UNCW in the first two years include several of the required basic engineering courses, which are delivered through the distance education facilities on campus. At this time, registration for these courses is completed through the Two-Plus-Two Program offices. An introductory engineering course is offered at UNCW. See "Engineering" in the Course Descriptions section of this catalogue for a description of this course. Contact the director for the most recent information on courses offered, curricula, and the Two-Plus-Two program.

Engineering degree programs offered by the three colleges of engineering include:

|                                     |               |
|-------------------------------------|---------------|
| North Carolina State University     |               |
| Aerospace                           | Electrical    |
| Biological                          | Environmental |
| Biomedical                          | Industrial    |
| Chemical                            | Materials     |
| Civil                               | Mechanical    |
| Civil (construction option)         | Nuclear       |
| Computer                            | Textile       |
| North Carolina A&T State University |               |
| Agricultural and Biosystems         | Electrical    |
| Architectural                       | Industrial    |
| Chemical                            | Mechanical    |
| Civil                               |               |

University of North Carolina at Charlotte  
Civil Electrical  
Computer Mechanical  
East Carolina University  
General Engineering with specialization in:  
Biomedical Engineering Management  
Bioprocess Engineering Systems Engineering

## PRE-PROFESSIONAL PROGRAMS

### Health-Related Pre-Professional Preparation for Medicine, Dentistry, Chiropractic, Veterinary Medicine, Pharmacy, Physical/Occupational Therapy, Physician Assistant, Optometry and Podiatry

Dr. Timothy A. Ballard, UNCW pre-health advisor for upper-level students  
Ms. Jamie S. Brenner, University College pre-health advisor for entry-level students  
Dr. Linda R. Collins, University College pre-health advisor for entry-level students

For general information regarding pre-health advising at UNCW, visit the Pre-Health Advising Web site at <http://www.uncw.edu/uc/prehealth> or call (910) 962-3245.

The University College Center for Academic Advising assists students in planning the required courses during their first year for health-related careers. (Note: Students interested in nursing should refer to UNCW's School of Nursing.)

Students wishing to pursue a career in the health professions may elect to major in any discipline, as long as they incorporate the courses required for admission to their desired professional school. In the first semester, their curriculum should usually include:

ENG 101 College Writing and Reading I or  
103 College Writing and Reading (Advanced)  
MAT \_\_\_\_\_ [according to placement]  
CHM 101 General Chemistry  
BIO 201 Principles of Biology: Cells  
Additional Basic Studies course

At a minimum, pre-professional health science preparation usually includes courses in chemistry, biology, physics, and mathematics. General lists of recommended courses are available in the Courses of Study section of the Pre-Health Advising Web site, but students are ultimately responsible for checking the prerequisites of the individual schools to which they wish to apply.

Prerequisites for admission into health professions schools should usually be taken in the first three years at UNCW, as most of the professional schools have specific entrance exams that are designed to be taken after the third year. In addition to excellent grades and entrance exam scores, there are a number of factors that affect admission to a school in the health professions. They include, but are not limited to: involvement in extracurricular activities, volunteer work in one's field of interest, and dedication and suitability to the career.

Students are encouraged to participate in pertinent health professions clubs on campus.

First-year students who wish to pursue entrance into a health profession should contact one of the University College pre-health advisors. Beyond the first year, all students (regardless of major) who are actively pursuing pre-health should contact Dr. Ballard in the Department of Biology and Marine Biology.

## PRE-LAW

Mr. Michael Haas, *advisor*

Students who plan to prepare for law school may select a major in any discipline that fulfills the requirements for a baccalaureate degree at UNCW. In developing a pre-law program, the student should be aware of the recommendation of the Association of American Law Schools, which describes the basic skills and insights it believes fundamental to the later attainment of legal competence. These are (a) comprehension and expression in words; (b) critical understanding of human institutions and values with which the law deals; and (c) creative power in thinking. In order to develop these capacities, the association recommends a pre-legal education of "the broadest scope." To accomplish these goals the University of North Carolina Wilmington offers a wide range of pre-law courses. Although political science and business are frequently selected by

pre-law students as their major, economics, English, history, sociology and others are sometimes selected. Regardless of the major, the pre-law student should be zealous in the selection of electives that will facilitate critical understanding of economic, political and social institutions. Since a lawyer must be able to communicate effectively, the pre-law student is well-advised to lay special emphasis on communicative skills. Also, knowledge of elementary accounting is highly recommended.

Finally, the pre-law student should remember that the quality of undergraduate instruction is more important than the subject matter area. The Association of American Law Schools recommends the selection of courses which require the greatest preparation and intellectual discipline. "The best trained applicant for law school," states the association "is the student who has studied under teachers who have inspired, challenged, and pressed him."

All candidates for law school should apply in time to ensure that their completed file is available by January 1 of the year they plan to enter. This means that they should register for either the June or September administration of the Law School Admissions Test and for the Law School Data Assembly Service. The LSAT and the LSDAS are explained fully in the Law School Admission Bulletin, which is available in the Department of Public and International Affairs. Additional information and advice may be secured from the pre-law advisor in the Department of Public and International Affairs.