

## OFFICE OF THE PROVOST

Dr. David Doughty, Provost

Dr. Robert Colvin, Vice Provost for Undergraduate Education

Dr. Geoffrey Klein, Vice Provost for Graduate Studies and Assessment

Dr. Lisa Duncan Raines, Vice President for Enrollment and Student Success

Christopher Newport Hall 412

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### Academic Organization

The faculty and academic departments of the University are organized into the College of Arts and Humanities, College of Natural and Behavioral Sciences, and College of Social Sciences and the Joseph Luter III School of Business. The chief academic officer of the University is the Provost. The chief administrative officer of each college and school is its Dean, who reports directly to the Provost. Each academic department within a given college or school is responsible for the content and prerequisite structure of courses offered by the department and specifies the requirements for the department's degree and certification programs. The Chair is the chief administrative officer at the departmental level.

### Baccalaureate Degrees Offered

Christopher Newport University is approved to offer a wide variety of baccalaureate degree programs. Primary areas of study within a degree program are known as *majors*. An area of specialization within a major is a *concentration*. A sanctioned secondary field of study completed in addition to the major is called a *minor*. The following degree programs are offered:

#### Bachelor of Arts

Biology  
 Communication Studies  
 Economics—mathematical economics concentration optional  
 English—literature, or writing concentration optional  
 Fine and Performing Arts—fine arts, music or theater major required  
 Fine Arts major—art history or studio art concentration required  
 Theater major—acting, arts administration, design/technology, directing/dramatic literature, music/dance, or theater studies concentration required  
 Foreign Languages and Literatures—classical studies major—classical languages or classical studies concentration required; French, German, or Spanish major required  
 History  
 Interdisciplinary Studies—American studies, environmental studies, major optional  
 Mathematics  
 Philosophy—pre-seminary studies or studies in religion concentration optional  
 Political Science  
 Psychology  
 Sociology—anthropology or criminology concentration optional  
 Social Work

#### Bachelor of Music

Choral music education, composition, instrumental music education, or performance concentration required

#### Bachelor of Science

Biology—cellular, molecular and physiological; environmental; integrative; or organismal major required  
 Chemistry—Biochemistry or Chemistry major required  
 Computer Engineering  
 Computer Foundations—applied physics, computer science or information systems major required  
 Electrical Engineering  
 Interdisciplinary Studies—neuroscience major optional  
 Mathematics—computational and applied mathematics major optional  
 Computational and applied mathematics major—Biology and Life Sciences, Computational Chemistry, Economics, or Physics, Dynamics and Engineering concentration required  
 Psychology

#### Bachelor of Science in Business Administration

Accounting, finance, management, or marketing major required

#### Bachelor of Science in Information Science

#### Minors

African-American studies, American studies, anthropology, applied physics, art history, Asian studies, biology, business administration, chemistry, childhood studies, civic engagement and social entrepreneurship, classical studies, communication studies, computer science, dance, digital humanities, economics, environmental studies, film studies, French, German, Greek studies, history, human rights and conflict resolution, information science, international culture and business, Judeo-Christian studies, Latin, Latin American studies, leadership studies, linguistics, literature, mathematics, medieval and renaissance studies, Middle East and North African studies, military science, museum studies, philosophy and religion, philosophy of law, photography and video art, political science, psychology, sociology, Spanish, studio art, theater, U.S. national security studies, women's and gender studies, writing.

## GRADUATE STUDIES

CNU provides three master's level programs for the educational, professional enhancement and enrichment of students in response to the needs of the CNU community:

- **M.S. in Applied Physics and Computer Science**
- **M.S. in Environmental Science**
- **Master of Arts in Teaching**

### Bachelor's to Master's Program

Through the Bachelor's to Master's Five-Year Program, eligible CNU students, who apply February 1st in their junior year and are accepted, can earn a master's degree in one of our graduate disciplines with one additional year beyond the senior year by following a prescribed curriculum and taking graduate level classes in their senior year. At the end of four years of study, a student earns a bachelor's degree, and the student enrolls the next semester/term in graduate courses leading to a master's degree. Please note that the use of the term 'five-year' is not meant to insure the completion of the master's in precisely five years. While in most cases this should be possible, the number of graduate hours completed while an undergraduate, the number of hours required for the master's, and the time necessary for thesis research may require a specific student to take longer than five years.

### Master of Science in Applied Physics and Computer Science

The degree is designed to produce graduates ready to make strong contributions to their professions and/or to continue toward a Ph.D. degree in applied physics, computer engineering or computer science. Students may select from **three concentrations: computer science, computer systems engineering and instrumentation, or applied physics**. Many opportunities are available to CNU graduate students because of our location in the heart of high-tech Hampton Roads and our ties with area national labs and newly developing companies. Graduate students will be able to:

- participate in funded research at both the Thomas Jefferson National Accelerator Facility and the NASA Langley Research Center
- conduct research in nuclear physics, astrophysics, robotics, sensor networking, artificial intelligence and multi-agent systems
- solve business and industry problems at the Applied Research Center (ARC), a state-of-the-art research consortium for several universities
- learn in an interdisciplinary and collegial environment
- work in well-equipped laboratories on campus, NASA Langley, Thomas Jefferson National Accelerator Facility and the ARC
- publish their research in papers and conference presentations nationally and internationally

### Master of Science in Environmental Science

Designed for current and prospective students in the rapidly growing field of environmental monitoring and conservation, this degree program is flexible enough to fit the interests and needs of a wide variety of students who are planning to pursue a Ph.D. or interested in careers involving environmental assessment, monitoring and conservation. The core courses are those mentioned most frequently by employers, consultants and educators as those needed for successful employment. The remainder of the curriculum is designed to enhance the understanding of ecosystem ecology, the conservation of organisms and their environment, and environmental chemistry. Many of these courses involve or consist entirely of fieldwork, since the majority of the employers surveyed are seeking graduates with first-hand knowledge of analyzing the environment. Graduates from this program will:

- have a solid background in ecological and environmental conservation theory
- have the skills required for employment with environmental assessment/monitoring businesses, and state and federal governmental agencies
- have research and technical writing skills
- be prepared for further graduate work, e.g., a Ph.D.

### Master of Arts in Teaching (M.A.T)

This is a practitioner-oriented degree program designed to translate theory into effective instructional practice. The curriculum is based on recognized needs for teacher education as identified by bodies such as the National Board of Professional Teaching Standards and the Interstate Teacher Assessment and Support Consortium. The mission of the CNU Teacher Preparation Program is to prepare students to become highly qualified teachers, licensed to teach in the Commonwealth of Virginia and in reciprocal states throughout the United States. Bachelor's to Masters 5 Year M.A.T. students select one of the following endorsement areas: art (visual arts), biology, chemistry, elementary, English, English as a second language, history and social science, mathematics, music (choral or instrumental) physics, or Spanish. Faculty are utilized from 12 academic departments and supplemented by practicing public school educators to provide students with a strong background in their selected teaching areas.

### Office of Graduate Studies

The Office of Graduate Studies is located in Tribble Library 243 and welcomes undergraduate students interested in the Bachelor's to Masters Five-Year programs. From their web site: [cnu.edu/admission/graduate/fiveyear/](http://cnu.edu/admission/graduate/fiveyear/), students may view the *Graduate Catalog* to see a specific curriculum and course descriptions, apply for admission, contact the graduate program coordinator of their choice and learn more about such topics as research for theses or financial aid. Please contact the Office of Graduate Studies at [gradstudy@cnu.edu](mailto:gradstudy@cnu.edu) or (757) 594-7544.