

Geography and Geosciences Department

MAJORS

- Geography
- Earth Science

MINORS

- Geography
- Earth Science
- Geographic Information Science

GRADUATE

- GIS Management (M.S.)

About the Department

The departmental programs emphasize geographic and geologic concepts, techniques, skills and their application to the solution of environmental problems. The department offers two undergraduate degrees, three minors and a Master of Science degree. For more details about each of these programs, please visit the department's website.

As a student-centered department, the faculty concentrates on high-quality teaching, advising and active engagement in undergraduate research while maintaining an open-door policy. One key feature of the course work in the department is a commitment to experiential studies and field work. Many of the core and elective courses in our programs include class field trips and intensive, hands-on lab activities. An internship program is available for interested students. Many majors participate in undergraduate research projects and present their results at regional and national professional meetings such as the American Association of Geographers and the Geological Society of America.

The department has two active student groups, the Geographic Society and the American Meteorological Society. These groups provide students with the opportunity to participate in extracurricular or professional activities outside the classroom setting. Majors also participate in the annual Geography Bowl. Our

students' knowledge of geography recently led them to victory as the championship team at two consecutive World Geography Bowls sponsored by the Middle Atlantic Division of the American Association of Geographers.

High-Tech and Hands-On Learning Opportunities

The department has well-equipped "smart" classrooms and modern laboratory facilities. We maintain our own computer laboratory, equipped with 44 workstations, color and black and white laser printers, and a server devoted to spatial data. We have a wide variety of cartographic, digital image processing and GIS software as well as specialized mapping hardware, including drones and ground-penetrating radar. The department also houses a 12,000-sheet topographic map collection.

The department has several laboratories dedicated to geology and physical geography for instruction and research, including a well-equipped sediment analysis lab, a microscopy lab, and a large rock and mineral collection. The department is also well-equipped to teach in the field with two dedicated field trailers.



Careers

A majority of the department's graduates obtain jobs directly related to their degree. Our graduates work in both the public and private sectors, and our department maintains a strong alumni network enabling current students and recent graduates to connect through internships and job opportunities. For an inclusive list of our alumni and their job titles, please visit the department's website.

CAREER OPPORTUNITIES

Students who have graduated from the Department of Geography and Geosciences have gone on to a wide range of careers including:

- Broadcast Meteorologist
- Cartographer
- Environmental Scientist
- Emergency Manager
- GIS Analyst
- Geologist
- K-12 Science Teacher
- Marine Scientist
- University Professor

CONTACT INFORMATION

For more information about the Geography and Geosciences Department please contact:
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 410-543-6460

FACULTY

Professors

- Xingzhi Mara Chen, Ph.D.
University of Iowa
- Daniel W. Harris, Ph.D.
University of Maryland College Park
- Arthur Lembo, Ph.D.
State University of New York College of Environmental Science and Forestry
- Fulbert Namwamba, Ph.D.
Iowa State University
- Darren B. Parnell, Ph.D.
University of South Carolina
- Michael S. Scott, Ph.D.
University of South Carolina
- Brent R. Skeeter, Ph.D.
University of Nebraska-Lincoln
- Mark de Socio, Ph.D.
University of Cincinnati
- Brent J. Zaprowski, Ph.D.
Lehigh University

Associate Professors

- Gina Bloodworth, Ph.D.
Pennsylvania State University
- Thomas Cawthern, Ph.D.
University of New Hampshire
- Andrea Presotto, Ph.D.
University of Georgia

Lecturers

- Sarah Jones, M.S.
East Carolina University
- Keota Silaphone, M.S.
University of Cincinnati

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