

EARTH SCIENCES

AT THE UNIVERSITY OF NEW HAMPSHIRE

Research

Research in the department spans the entire spectrum of Earth sciences, including studies of the geological record of past climate change; understanding the effects of land use change on the hydrological cycle; investigating magmatic processes in the mantle; modeling ocean circulation; deciphering earthquakes; measuring chemical and physical processes in the nearshore environment; mapping the sea floor; and mapping Appalachian geology. This research is carried out in a wide range of facilities across campus including state-of-the-art laboratories and cutting-edge instrumentation. Most importantly, undergraduate and graduate students are central to all of our research programs. Each year our undergraduate students present their research at the largest Undergraduate Research Conference in the country and our graduate students publish papers in the scientific literature. UNH was recently ranked #1 in geoscience citation impact ahead of institutions like Princeton and Woods Hole (www.sciencewatch.com/)!



In January 2010, the University of New Hampshire Earth Sciences Department moved into its newly renovated academic home in James Hall, equipped with state-of-the-art classrooms and laboratory facilities.

THE MISSION of the Department of Earth Sciences at University of New Hampshire is to improve our understanding of the Earth, and the processes that affect it, through excellence in teaching, research, and service.

For information about UNH Earth Sciences programs visit our website at www.unh.edu/esci/.

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Discover Earth Sciences
at the University of New Hampshire.



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The centrality of the Earth sciences in today's society cannot be underestimated. Increased global population and accelerating industrialization are stressing the Earth system in complex ways, generating strong public interest in finding solutions to these environmental problems. Although rapid technological advances are improving our ability to make observations of Earth processes at all scales, it will require a rigorously trained generation of geoscientists to use these new technologies and interpret their informational products in order to discover lasting environmental solutions.

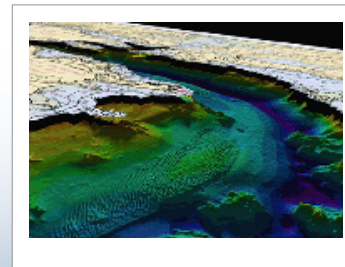


The Earth sciences program at University of New Hampshire is prepared to train you to make a difference. Internationally recognized for excellence in teaching and research, our faculty are ready to welcome you into their exciting world of discovery. At UNH, you will encounter the atmosphere of a small liberal-arts college with the world-class research opportunities of a major land-grant university.



Academic Program

The Department of Earth Sciences offers undergraduate and graduate degrees that encompass a broad spectrum of disciplines including geology, hydrology, oceanography, geochemistry, climate science, and geophysics. We will provide you with the rigorous training you need to meet the scientific challenges of the future through a combination of personalized learning opportunities and participation in compelling interdisciplinary scientific research. James Hall, our academic home, has newly



renovated hands-on learning environments that will engage your sense of curiosity.



Degrees

Undergraduate Degrees

- B.S. Earth Sciences
 - Geology, Oceanography, Climate, Geophysics Tracks
- B.A. Earth Sciences
- B.A. Earth Science Teaching
- B.S. Environmental Sciences: Hydrology Option

Graduate Degrees

- M.S. Earth Sciences (Geology Option)
- M.S. Earth Sciences (Geochemical Specialization)
- M.S. Earth Sciences (Ocean Mapping Option)
- M.S. Hydrology
- M.S. Oceanography
- Ph.D. Oceanography
- Ph.D. Earth and Environmental Sciences
- Graduate Certificate in Ocean Mapping