What Is Integrative Geosciences?

Integrative Geosciences refers to the blending of many fields of science, and addressing issues that transcend traditional discipline boundaries. Topics include Ecology, Geography, Anthropology, Geology, Physics, Cell Biology, Oceanography, Environmental Engineering, Agriculture, Chemistry, and Natural Resources.

Students working in the field; Puerto Rico field trip, Spring 2005.

In order to understand the complexity of the Earth and the many systems it contains, it is necessary to cross numerous discipline boarders. The new Center for Integrative Geosciences at UConn seeks to train a new generation of geoscientists who not only have a solid background in geology, but who also integrate that background with a variety of other fields related to the Earth and life.

207 Beach Hall
354 Mansfield Road Unit 2045
Storrs, CT 06269-2045

Phone: 860-486-4435
Fax: 860-486-1383
Email: geology@uconn.edu
Web: http://geosciences.uconn.edu

UCONN CENTER FOR INTEGRATIVE GEOSCIENCES

Geosciences at UConn

BS and BA degrees

Program information and details

www.geosciences.uconn.edu

College of Liberal Arts and Sciences

University of Connecticut

What are my options for Geosciences at UConn?

- **Major** in Geoscience as a B.S. or B.A. degree student
- **Double Major** in Geoscience with another related major
- **Minor** in Geoscience to complement majoring in another field

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Major Plan of Study:

(For B.S. vs. B.A. science and other course requirements, see the General Education Audit Sheet)

Requirement I:

All students must take the following **core courses**:
GSCI 3010—Earth History & Global Change
GSCI 3020—Earth Surface Processes
GSCI 3030—Earth Structure
GSCI 3040—Earth Materials

Requirement II:

An additional **14 credits** of 3000- and 4000-level **GSCI courses** (generally 5 courses). No more than 3 credits can be from internship/research/independent study credits.

Requirement III:

A **GSCI (W) capstone course**—either GSCI 4050W (Geoscience and Society) or GSCI 4996W (Undergrad Research Thesis).

Requirement IV:

Related (non– GSCI) courses—at least 12 credits of courses at the 2000-level or above (courses cross-listed with GSCI courses cannot be used to satisfy this requirement). Suitability of courses will be determined by the student's major advisor before the plan of study is approved. Subject areas may include ANTH, CHEM, EEB, NRME, GEOG, MARN, MCB, PHYS, or others.

See course catalog or our website for information on the Minor, and for details on GSCI courses and related subject area courses.

Is this program right for me?

- Are you curious about the environment, natural hazards, how our planet works, or the history of the Earth and life on it?
- Do you enjoy the outdoors?
- Do you like to travel?
- Do you enjoy problem solving?
- Would you like a challenging and well-paid career that allows you to work both outdoors and indoors, and use the latest in computer and satellite technologies?
- Do you want to be part of the latest in Earth system education and have a career in which you integrate sciences across many disciplines?

If So, Come See Us Today!!!

What can I do as a Geoscientist?

- Geoscientists fill a wide range of professional positions in locations throughout the world.
- Many graduates who obtain a B.S. degree work with environmental or engineering firms where they do jobs such as monitor groundwater or design solutions for remediation.
- The petroleum industry, research sectors, mining, federal and state agencies, mapping companies, national parks and many other job fields are in need of geoscientists!

Students examine findings during the Puerto Rico field trip in Spring 2005.

Ready To Declare??? Contact:

University of Connecticut
Center for Integrative Geosciences

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