

# EARTH SCIENCE

RICE UNIVERSITY



## Do you want to?

-  Sail around Antarctica?
-  Climb active volcanoes?
-  Explore the world's oceans?
-  Help the global environment?
-  Join geophysical expeditions?
-  Learn advanced laboratory skills?
-  Study the Earth's deep interior?
-  Gain valuable job experience?

Rice geologists  
on a field trip to the  
Canadian Rockies



### Field Trips:

Students in Earth Science have many opportunities to study the Earth and the environment in the field. Undergraduates have traveled around the world, exploring the most spectacular geological features.

#### Recent Destinations:

Hawaii  
Cuba  
Belize  
The Alps

California  
Canadian Rockies  
Spain  
Morocco

### Research Opportunities:

Students can choose among many research projects and work closely with world-renowned faculty. Field opportunities abound. Many undergraduates present their own research projects at national and international professional conferences.



"The department field trip to Hawaii was an exciting way to observe Earth Science in action. Watching rocks form from red-hot lava was the opportunity of a lifetime!" (Rice undergraduate)

### Coursework:

Our recently revised curriculum teaches skills in Earth Science for the 21st Century. Choose from B.S. and B.A. tracks in geology, geophysics, geochemistry, environmental sciences, and more. See reverse side for details.

### Career Opportunities:

Rice Earth Science graduates pursue exciting careers in energy, the environment, government, education, and academics.

"It is a privilege to be able to do science in Antarctica and meet scientists from other cultures who are eager to share experiences." (Rice undergraduate)



Department of Earth Science  
713.348.4880  
Keith-Wiess Geological Laboratories  
[www.earthscience.rice.edu](http://www.earthscience.rice.edu)



## Degrees Offered: Bachelor of Science (B.S.) or Bachelor of Arts (B.A.) in Earth Science

All ESCI undergraduates take a four-course core sequence, typically in their sophomore and junior years. These core courses encompass Earth processes, materials, observations, and history. ESCI majors also take introductory courses in mathematics, chemistry, and, in many cases, physics and biology.

The selection of upper-division courses and additional science courses depends on the degree (B.S. or B.A.).



The B.S. degree is for students planning a career in Earth Science or a related field. This degree has five tracks: geology, geochemistry, geophysics, environmental Earth Science, or a track designed by the student. The student-designed track is subject to the approval of the Department Undergraduate Advisor.

All tracks typically include experience with analytical equipment, computer systems, and fieldwork.



The B.A. in Earth Science degree has fewer requirements and might be a good choice for students planning a career for which Earth Science is incidental.

For more information, contact:

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