INTRODUCING EARTH

EOS1105 | FALL 2022 | PROF. RACHEL BEANE AND JOANNE URQUHART
CLASS MEETS MONDAY & FRIDAY 11:40 AM – 1:05 PM
CHOOSE WEDNESDAY OR THURSDAY LABS 1:15-4:15 PM

EARTH & OCEANOGRAPHIC SCIENCE 1105

The Earth is a dynamic system that has been shaped in part by geologic processes such as earthquakes, volcanic activity, and mountain building. During classes and weekly indoor and outdoor laboratories, students are introduced to Earth and plate tectonics through accessible field experiences along the Maine coast, rock and mineral specimens, images and models. Students practice making observations, collecting data, and communicating interpretations, and then synthesize the course curriculum and their laboratory findings.

Trying to figure out if this course is for you? Contact Prof. Rachel Beane by email: rbeane@bowdoin.edu or phone: 207-725-3160.

"I now think of the world in a different way and every time I see rocks or mountains or basically anything I think of geological processes."

"I loved the hands-on aspect of this course, from field labs to touching rocks around the room."

"I enjoyed the group-oriented aspect of this course because I made friends by working with people during labs, in class, and during office hours."
Geoscientists study many aspects of Earth systems and work in a variety of positions. "Employment of geoscientists is projected to grow 5 percent from 2019 to 2029, faster than the average for all occupations. The need for energy, environmental protection, and responsible land and resource management is projected to spur demand for geoscientists in the future." "The median annual wage for geoscientists was $93,580 in May 2020" - $44.99 per hour.

www.bls.gov

I enjoyed this course! It's the most comprehensive course I've taken at Bowdoin. It involves so many different approaches: lab trips to the field, during which I could get to know classmates better; art in coloring and drawing sketches and maps; studying books and real samples; using technology such as iPads and Google Earth; the incorporation of current events...

EOS1105 fulfills the Inquiry in the Natural Sciences (INS) requirement. It also serves as an intro course for the EOS major, an intro science course for the Environmental Studies coordinate major, and meets the external science course requirement for biology majors.

COURSE GOALS INCLUDE:

Describe processes that influence and connect Earth's systems.

Develop research skills used in studying the Earth.

Use evidence to interpret Earth processes in Maine.

Collaborate as part of an inclusive learning community.