

EPS 110 Formerly EPS 51 FALL 2020

INTRO TO PLANETARY MATERIALS AND EARTH RESOURCES

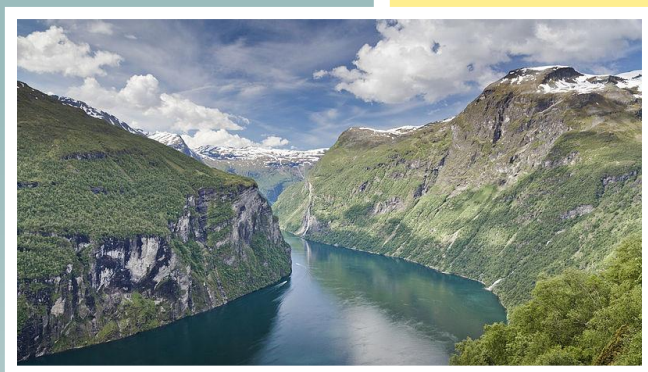
Course Description: A comprehensive introduction to how the principles of geochemistry and chemical compositions of terrestrial and extraterrestrial materials are used to understand the evolution of the Earth and its resources. The course will discuss how we know that the Earth's crust has more than sufficient resources for its human population.

Laboratory

- Identification of Igneous, metamorphic and sedimentary rocks
- Optical microscopy
- Elemental analysis of rocks and minerals

Virtual Field trip

- Igneous, metamorphic and sedimentary rocks of Norway, Iceland, Newfoundland



Recommended Prep: introductory Earth and/or planetary science course and a course in college-level chemistry

[SEE THE FULL SYLLABUS ON CANVAS]

Lectures:

MW

4:30-5:45 pm

ET

Weekly Lab:

Time TBA

Professor:

Stein

Jacobsen

Hoffman 209

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