

Spring 2024

GEOL / CE 439/539 (3 credits)

**Seismic Methods in Geology, Engineering, and
Petroleum Exploration**

- Principles of seismic imaging
- Applications in shallow and deep geologic exploration
- Engineering site characterization
- Field-data collection
- Interpretation software
- Skills to work in environmental consulting and oil industry

Instructor: Igor Beresnev, Geological & Atmospheric Sciences,
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Reg. # 6248005/0045005 (GEOL 439/539)
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Schedule: MW 9:55-10:45 (lecture), F 9:55-11:50 (lab)

Prereq.: Introductory geology and math

