

Course Number

GEO-303-01

Course Description

Gravity and magnetic fields of the earth, gravity and magnetic anomalies, magnetic properties of rocks and paleomagnetism, earthquakes and seismology, precession of the Earth's spin axis, density distribution and models for the Earth's interior; wave propagation in rocks, seismic reflection and refraction, geophysical field methods, data processing and interpretation, electrical methods, radioactivity, heat flow, thermal history of the Earth, global dynamics and plate tectonics, comparative planetology. Labs emphasize hands-on use of modern geophysical equipment.

Academic Term

20/WI

Instructor

Manon, Matthew

Location & Meeting Time

Olin Building-307+ M/W/F 09:15AM-10:20AM LEC

Petition

N

Credits

1.00

Capacity

12

Total Students

7

Additional Information

<http://www.union.edu/Geology>

Academic Department

Geology

Field Of Study

Geology (GEO)