

Fall 2023 Courses

Courses with no prerequisites

GEOS 101 Co-Evolution of Earth & Life (Phoebe Cohen)
(NA) TR 9:55-11:10, Lab T or W 1:00-3:00

GEOS 110 Oceans & Society (Rónadh Cox)
(NA) TR 11:20-12:35, Lab T or R 1:00-3:00

Courses with prerequisites (POI = permission of instructor)

GEOS 214 Mastering GIS (Alex Apotsos)
(NA) TR 8:30-9:45, Lab T or R 1:00-4:00
Prereq: at least one course in Geosciences or Environmental Studies

GEOS 301 Geomorphology (José Constantine)
(SL) MWF 10:00-10:50, Lab W 1:00-4:00
Prereq: At least one 100-level and one 200-level GEOS or ENVI course or POI

GEOS 309 Modern Climate (Alice Bradley)
(OC) TR 11:20-12:35, Lab TBA
Prereq: Any of GEOS 100, GEOS 103, ENVI 102, GEOS 215, or POI

GEOS 409 Volcanology (Mike Hudak)
(SE) TR 9:55-11:10, Lab T 1:00-4:00
Prereq: One of the following: GEOS 102, GEOS 304, PHYS 131, or CHEM 151, or POI

NA = no grouping assignment

Course Groups

Oceans and Climate (OC): the science of the atmosphere, ocean and cryosphere, including dynamics of the climate system, analyzing past and future climate variability.

Sediments and Life (SL): the science of modern and ancient sediments, including surface processes such as erosion and preserved records of earth and life history such as fossils.

Solid Earth (SE): the science of the modern and ancient solid earth, including the formation of the planets, the origins and fates of minerals and rocks, and the formation of mountains.

Spring 2024 Courses

Courses with no prerequisites

GEOS 100 Introduction to Weather and Climate (Alice Bradley)
(NA) MWF 10:00-10:50, Lab M or R 12:30-2:30

GEOS 109 Geologic Hazards (Mike Hudak)
(NA) TR 9:55-11:10, Lab T or R 1:00-3:00

Courses with prerequisites (POI = permission of instructor)

GEOS 212 Paleobiology (Phoebe Cohen)
(SL) TR 9:55-11:10, Lab T or R 1:00-4:00
Prereq: any 100-level GEOS course or BIOL 102, 203 or 205

GEOS 275 Ocean and Climate Changes (Chris Halsted)
(OC) MW 11:00-12:15, Lab MW 1:00-4:00
Prereq: any 100-level GEOS course

GEOS 302 Sedimentology (Rónadh Cox)
(SL) TR 11:20-12:35, Lab R 1:00-4:00
Prereq: At least one course in GEOS Group B (Solid Earth) **AND** one course in GEOS Group C (Sediments and Life); or POI

Our incoming visitor will teach 200-level lecture-lab classes each semester, which will be either in the Sediments & Life or Oceans & Climate course areas. Exact courses TBA.

NA = no grouping assignment

GEOS majors go in many different directions, including education, public policy, journalism, environmental consulting, and scientific research. Consult with a Geoscience faculty member for advice on course choices in other departments and programs that will complement your Geosciences major.

Lauren Interest '98 Adventure Fellowship

Fellowships are available to majors and prospective majors. It provides \$2000+ for one or two students to pursue an earth-science adventure of their own design during WSP, spring break, or the summer. Come up with an idea and discuss it with a GEOS faculty member. Write a 1-2 page proposal with a budget and expected itinerary, and email it to the chair. We accept applications at any time! See department webpage for details and past projects