

# Earth Science Proposed Schedule of Courses for 2024-2025

Please be advised the information below is tentative and subject to change at any time.  
Last updated 10/21/2024

FALL 2024		
COURSE NUMBER	TITLE	INSTRUCTOR
Earth 2	Physical Geology	TBA
Earth 4	Introduction to Oceanography	Wrobel
Earth 7	Dinosaurs	Moore
Earth 10	Antarctica	Wrobel
Earth 18	Field Studies in Geological Sciences	Simms
Earth 20	Geological Catastrophes	Li
Earth 104A	Field Studies in Geological Methods	Morell
Earth 105/205	Earth's Climate : Past and Present	Weldeab
Earth 106/206	Introduction to Climate Modeling	Lisiecki
Earth 109	Geology of California	Macdonald
Earth 111/111L	Principles of Paleontology	Moore
Earth 113	Engineering and Environmental Geology	De Jong
Earth 114	Geomaterials	Rioux, Rudnick
Earth 124G/224G	Geochronology	Cottle
Earth 124IG/224IG	Introduction to Geochemistry	Jackson
Earth 135/235	Principles of Geophysics	Tanimoto
Earth 143/243	The Early Evolution of Life and its Environmental	Porter
Earth 160/260/268	Earth Science Colloquium	
Earth 175	Introduction to MATLAB for Earth Scientists	Eilon
Earth 185/285	Physical Volcanology	Gans
Earth 201A	Graduate Research and Field Seminar	TBD
Earth 232	Introduction to Computing for Earth Science	Matoza
Earth 254	Advanced Seismology Seminar	Tanimoto
Earth 266	Chemical Oceanography	Raven
Earth 270DV	Seminar in Geologic Problems	Valentine

WINTER 2025		
COURSE NUMBER	TITLE	INSTRUCTOR
Earth 2	Physical Geology	Jackson
Earth 4	Introduction to Oceanography	Wrobel
Earth 7	Dinosaurs	Moore
Earth 9	Giant Earthquakes	Ji
Earth 10	Antarctica	Wrobel
EarthW 20	Geological Catastrophes	Li
Earth 30	The History of Life	Martinez Gutierrez
Earth 103	Fundamentals of Structural Geology	Gans
Earth 104G	Digital Analysis and Interpretation of Field Data	Rioux
Earth 115	Analytical Methods in Geomaterials	Rioux
Earth 121	Principles of Evolution	EEMB instructor
Earth 130	Global Warming - Science and Society	Lea
Earth 131/231	Geophysical Time-Series Analysis	Matoza
Earth 134	Introduction to Geological and Geophysical Data	Tanimoto
Earth 160/260/268	Earth Science Colloquium	
Earth 160W	Scientific writing for the Earth Sciences	Wyss
Earth 182A/282A	Field Studies in Marine Bio/Geochemistry	Valentine
Earth 182B/282B	Field Studies in Marine Bio/Geochemistry	Eilon

<b>Earth 194BG</b>	Seminar in Biogeochemistry	Raven
<b>Earth 194GC</b>	Seminar in Geoscience Careers	De Jong
<b>Earth 201B</b>	Graduate Research Seminar	Cottle
<b>Earth 208</b>	Clastic Depositional Environments	Simms
<b>Earth 254</b>	Advanced Seismology Seminar	Matoza
<b>Earth 266</b>	Chemical Oceanography	Raven
<b>Earth 270SP</b>	Seminar in Geologic Problems	Porter
<b>Earth 270MR</b>	Seminar in Geologic Problems	Raven
<b>Earth 270RR</b>	Seminar in Geologic Problems	Rudnick
<b>Earth 276</b>	Geological Oceanography	Weldeab

<b>SPRING 2025</b>		
<b>COURSE NUMBER</b>	<b>TITLE</b>	<b>INSTRUCTOR</b>
<b>Earth 2</b>	Physical Geology	Porter
<b>Earth 4</b>	Introduction to Oceanography	Wrobel
<b>Earth 7</b>	Dinosaurs	Moore
<b>Earth 10</b>	Antarctica	Wrobel
<b>Earth 18</b>	Field Studies in Geological Sciences	Cottle
<b>Earth 20</b>	Geological Catastrophes	Jackson
<b>Earth 102C</b>	Metamorphic Petrology	Rudnick
<b>Earth 104A</b>	Field Studies in Geological Methods	Rioux
<b>Earth 104B</b>	Field Methods	Gans
<b>Earth 122/222</b>	Sedimentation and Stratigraphy	Divola
<b>Earth 124I/224I</b>	Biogeochemistry of Stable and Cosmogenic Isotopes	Weldeab
<b>Earth 133/233</b>	Plate tectonics and mantle dynamics	Eilon
<b>Earth 144</b>	Invertebrate Paleobiology	Moore
<b>Earth 160/260/268</b>	Earth Science Colloquium	Porter
<b>Earth 161</b>	Earth Resources, Energy and the Environment	Li
<b>Earth 163/263</b>	Organic Matters	Raven
<b>Earth 176</b>	Geological Applications of GIS	Morell
<b>Earth 194CM</b>	Group Studies for Advanced Students	Martinez Gutierrez
<b>Earth 194TT</b>	Group Studies for Advanced Students	Tanimoto
<b>Earth 201C</b>	Mathematical Methods in Earth Science	Lisiecki
<b>Earth 254</b>	Advanced Seismology Seminar	Ji
<b>Earth 255</b>	Advanced Geophysics	Ji
<b>Earth 270CM</b>	Seminar in Geologic Problems	Martinez Gutierrez
<b>Earth 270KM</b>	Seminar in Geologic Problems	Morell
<b>Earth 270TT</b>	Seminar in Geologic Problems	Tanimoto
<b>Earth 270DL</b>	Seminar in Geologic Problems	Lea
<b>Earth 270DV</b>	Seminar in Geologic Problems	Valentine