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 4/17/2024

FALL 2024		
COURSE NUMBER	**TITLE**	**INSTRUCTOR**
Earth 2	Physical Geology	Wyss
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 182A/282A	Field Studies in Marine Bio/Geochemistry	Ellon
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
Earth 20	Geological Catastrophes	TBD
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 134	Introduction to Geological and Geophysical Data	Tanimoto
Earth 136/236	Geophysics (Seismology)	Matoza
Earth 137	Quantitative Geomorphology	GEOG Instructor
Earth 160/260/268	Earth Science Colloquium	
Earth 161	Earth Resources, Energy and the Environment	Li

Earth 175	Introduction to MATLAB for Earth Scientists	Ji
Earth 182A/282A	Field Studies in Marine Bio/Geochemistry	Valentine
Earth 182B/282B	Field Studies in Marine Bio/Geochemistry	Eilon
Earth 194BG	Seminar in Biogeochemistry	Raven
Earth 194GC	Seminar in Geoscience Careers	De Jong
Earth 201B	Graduate Research Seminar	Cottle
Earth 208	Clastic Depositional Environments	Simms
Earth 254	Advanced Seismology Seminar	Matoza
Earth 266	Chemical Oceanography	Raven
Earth 270SP	Seminar in Geologic Problems	Porter
Earth 270KM	Seminar in Geologic Problems	Morell
Earth 270MR	Seminar in Geologic Problems	Raven
Earth 270RR	Seminar in Geologic Problems	Rudnick
Earth 276	Geological Oceanography	Weldeab

SPRING 2024		
COURSE NUMBER	**TITLE**	**INSTRUCTOR**
Earth 2	Physical Geology	Porter
Earth 4	Introduction to Oceanography	Wrobel
Earth 7	Dinosaurs	Moore
Earth 10	Antarctica	Wrobel
Earth 18	Field Studies in Geological Sciences	Cottle
Earth 20	Geological Catastrophes	Jackson
Earth 102C	Metamorphic Petrology	Rudnick
Earth 104A	Field Studies in Geological Methods	Rioux
Earth 104B	Field Methods	Gans
Earth 122/222	Sedimentation and Stratigraphy	Divola
Earth 124E/224E	Environmental Geochemistry	Li
Earth 124I/224I	Biogeochemistry of Stable and Cosmogenic Isoltopes	Weldeab
Earth 133/233	Plate tectonics and mantle dynamics	Eilon
Earth 144	Invertebrate Paleobiology	Moore
Earth 148	Vertebrate Paleontology	Wyss
Earth 160/260/268	Earth Science Colloquium	Porter
Earth 163/263	Organic Matters	Raven
Earth 165/265	Snowball Earths & Supergreenhouses	Macdonald
Earth 176	Geological Applications of GIS	Morell
Earth 194CM	Group Studies for Advanced Students	Martinez Gutierrez
Earth 194TT	Group Studies for Advanced Students	Tanimoto
Earth 201C	Mathematical Methods in Earth Science	Lisiecki
Earth 254	Advanced Seismology Seminar	Ji
Earth 255	Advanced Geophysics	Ji
Earth 270CM	Seminar in Geologic Problems	Martinez Gutierrez
Earth 270TT	Seminar in Geologic Problems	Tanimoto
Earth 270DV	Seminar in Geologic Problems	Valentine