

Earth Science Proposed Schedule of Courses for 2022-2023

Please be advised the information below is tentative and subject to change at any time.
Last updated 6/16/2022

FALL 2022		
COURSE NUMBER	TITLE	INSTRUCTOR
Earth 2	Physical Geology	Awramik
Earth 4	Introduction to Oceanography	Wrobel
Earth 7	Dinosaurs	Wyss
Earth 10	Antarctica	Simms
Earth 18	Field Studies in Geological Sciences	
Earth 20	Geological Catastrophes	Jackson
Earth 100/200	Introduction to Geophysics	Ji
Earth 104A	Field Studies in Geological Methods	Macdonald
Earth 106/206	Introduction to Climate Modeling	Lisiecki
Earth 111/111L	Principles of Paleontology	Moore
Earth 114	Geomaterials	Rioux, Rudnick
Earth 124I/224I	Biogeochemistry of Stable and Cosmogenic Isotopes	Weldeab
Earth 125	Field Methods in Hydrology	Clark
Earth 127/227	Field Petrology	Rioux
Earth 157/257	Plate Tectonics	Cottle
Earth 160/260/268	Earth Science Colloquium	
Earth 161	Earth Resources, Energy, and the Environment	Li
Earth 175	Introduction to MATLAB for Earth Scientists	Eilon
Earth 185/285	Physical Volcanology	Gans
Earth 201A	Graduate Research and Field Seminar	Morell
Earth 232	Introduction to Computing for Earth Science	Matoza
Earth 254	Advanced Seismology Seminar	Matoza
Earth 266	Chemical Oceanography	Raven
Earth 270DV	Seminar in Geologic Problems	Valentine
Earth 270MJ	Seminar in Geologic Problems	Jackson

WINTER 2023		
COURSE NUMBER	TITLE	INSTRUCTOR
Earth 2	Physical Geology	
Earth 4	Introduction to Oceanography	Lisiecki
Earth 7	Dinosaurs	Moore
Earth 9	Giant Earthquakes	Ji
Earth 10	Antarctica	Wrobel
Earth 20	Geological Catastrophes	
Earth 30	The History of Life	Awramik
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 122/222	Sedimentation and Stratigraphy: Processes and P	Simms
Earth 124IG/224IG	Introduction to Geochemistry	Jackson
Earth 134	Introduction to Geological and Geophysical Data	Tanimoto
Earth 136/236	Geophysics (Seismology)	Matoza
Earth 141/141L	Plant Paleobiology	Tiffney
Earth 160/260/268	Earth Science Colloquium	

Earth 173	Groundwater Hydrology	Loiaciga (GEOG)
Earth 182A/282A	Field Studies in Marine Bio/Geochemistry	Valentine
Earth 194/270GL	New/TBD	Li
Earth 194/270MR	New/TBD	Raven
Earth 194GC	Seminar in Geoscience Careers	De Jong
Earth 201B	Graduate Research Seminar	Macdonald
Earth 254	Advanced Seismology Seminar	Tanimoto
Earth 270JC	Seminar in Geologic Problems	Cottle
Earth 270RR	Seminar in Geologic Problems	Rudnick
Earth 276	Geological Oceanography	Weldeab

SPRING 2023		
COURSE NUMBER	TITLE	INSTRUCTOR
Earth 2	Physical Geology	Rioux
Earth 3	Historical Geology	Awramik
Earth 4	Introduction to Oceanography	Wrobel
Earth 7	Dinosaurs	Moore
Earth 10	Antarctica	Wrobel
Earth 11	Volcanoes & Humans	Matoza
Earth 18	Field Studies in Geological Sciences	Cottle
Earth 20	Geological Catastrophes	Li
Earth 102C	Metamorphic Petrology	Rudnick
Earth 104A	Field Studies in Geological Methods	Rioux
Earth 104B	Field Methods	Gans
Earth 105	Earth's Climate : Past and Present	Weldeab
Earth 109	Geology of California	Macdonald
Earth 133/233	Plate tectonics and mantle dynamics	Eilon
Earth 135/235	Principles of Geophysics	Tanimoto
Earth 143/243	The Early Evolution of Life and its Environmental Conte:	Porter
Earth 148/248	Vertebrate Paleontology	Wyss
Earth 160/260/268	Earth Science Colloquium	Cottle
Earth 163/263	Organic Matters	Raven
Earth 169/269	Tracer and Contaminant Hydrology	Clark
Earth 176	Geological Applications of GIS	Morell
Earth 182B/282B	Field Studies in Marine Bio/Geochemistry	Valentine
Earth 201C	Mathematical Methods in Earth Science	Lisiecki
Earth 227	(Scotland)	Simms
Earth 254	Advanced Seismology Seminar	Eilon
Earth 255	Advanced Geophysics	Ji
Earth 270MJ	Seminar in Geologic Problems	Jackson