

Earth Science Proposed Schedule of Courses for 2021-2022

Please be advised the information below is tentative and subject to change at any time.
Last updated 5/12/2021

FALL 2021		
COURSE NUMBER	TITLE	INSTRUCTOR
Earth 2	Physical Geology	Rioux
Earth 4	Introduction to Oceanography	Raven
Earth 7	Dinosaurs	Wyss
Earth 10	Antarctica	Simms
Earth 18	Field Studies in Geological Sciences	Gans
Earth 20	Geological Catastrophes	Alessio
Earth 30	The History of Life	Awramik
Earth 100/200	Introduction to Geophysics	Ji
Earth 104A	Field Studies in Geological Methods	Macdonald
Earth 105/205	Earth's Climate: Past and Present	Lea
Earth 106/206	Introduction to Climate Modeling	Lisiecki
Earth 111/111L	Principles of Paleontology	Moore
Earth 114	Geomaterials	Rioux, Rudnick
Earth 117	Earth Surface Processes and Landforms	Keller
Earth 125	Field Methods in Hydrology	Clark
Earth 160/260/268	Earth Science Colloquium	Porter
Earth 175	Introduction to MATLAB for Earth Scientists	Eilon
Earth 177/277	Ore Deposits and Mineral Resources	Cottle
Earth 182A	Field Studies in Marine Bio/Geochemistry	Valentine
Earth 186/286	Cordilleran Tectonics	Gans
Earth 201A	Graduate Research and Field Seminar	Morell
Earth 215	Isotope Geochemistry	Jackson
Earth 232	Introduction to Computing for Earth Science	Matoza
Earth 254	Advanced Seismology Seminar	Matoza
Earth 255	Advanced Geophysics	Tanimoto
Earth 270DV	Seminar in Geologic Problems	Valentine
Earth 276	Geological Oceanography	Weldeab

WINTER 2022		
COURSE NUMBER	TITLE	INSTRUCTOR
Earth 2	Physical Geology	Awramik
Earth 4	Introduction to Oceanography	Wrobel
Earth 7	Dinosaurs	Moore
Earth 9	Giant Earthquakes	Ji
Earth 10	Antarctica	Browne
Earth 20	Geological Catastrophes	Jackson
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 124I/224I	Biogeochemistry of Stable and Cosmogenic Isotopes	Weldeab
Earth 124IG/224IG	Introduction to Geochemistry	Rudnick
Earth 119	Field Investigations in Geology	Simms
Earth 134	Introduction to Geological and Geophysical Data	Tanimoto
Earth 136/236	Geophysics (Seismology)	Matoza

Earth 144	Invertebrate Paleobiology	Porter
Earth 157/257	Plate Tectonics	Cottle
Earth 160/260/268	Earth Science Colloquium	Porter
Earth 173	Groundwater Hydrology	Loiaciga (GEOG)
Earth 182A/282A	Field Studies in Marine Bio/Geochemistry	Valentine
Earth 201B	Graduate Research Seminar	Macdonald
Earth 254	Advanced Seismology Seminar	Eilon
Earth 256	Geophysical Inverse Theory	Eilon
Earth 266	Chemical Oceanography	Raven
Earth 270MJ	Seminar in Geologic Problems	Jackson
Earth 270AS	Seminar in Geologic Problems	Simms

SPRING 2022		
COURSE NUMBER	TITLE	INSTRUCTOR
Earth 2	Physical Geology	Eilon
Earth 3	Historical Geology	Awramik
Earth 4	Introduction to Oceanography	Wrobel
Earth 7	Dinosaurs	Moore
Earth 10	Antarctica	Browne
Earth 11	Volcanoes & Humans	Matoza
Earth 18	Field Studies in Geological Sciences	Porter
Earth 20	Geological Catastrophes	Li
Earth 102A	Petrology of Igneous Rocks	Rioux
Earth 104A	Field Studies in Geological Methods	Rioux
Earth 104B	Field Methods	Gans
Earth 122/222	Sedimentation and Stratigraphy: Processes and P	Simms
Earth 124G/224G	Geochronology	Cottle
Earth 130	Global Warming - Science and Society	Lea
Earth 135/235	Principles of Geophysics	Tanimoto
Earth 149/249	The History of Mammals	Wyss
Earth 160/260/268	Earth Science Colloquium	Porter
Earth 161	Earth Resources, Energy and the Environment	Macdonald
Earth 163/263	Organic Matters	Raven
Earth 168	Aqueous Transport of Pollutants	Clark
Earth 176	Geological Applications of GIS	TBA
Earth 182B/282B	Field Studies in Marine Bio/Geochemistry	Valentine
Earth 201C	Mathematical Methods in Earth Science	Lisiecki
Earth 202	Writing for Publication in Earth Science	Lisiecki
Earth 254	Advanced Seismology Seminar	Ji
Earth 256	Geophysical Inverse Theory	Ji
Earth 270MJ	Seminar in Geologic Problems	Jackson
Earth 270RR	Seminar in Geologic Problems	Rudnick
Earth 270KM	Seminar in Geologic Problems	Morell
Earth 270JC	Seminar in Geologic Problems	Cottle
Earth 270SW	Seminar in Geologic Problems	Weldeab