

EARTH AND PLANETARY COURSE OFFERINGS 2024-2025

(Tentative Schedule)

| FALL 2024 | WINTER 2025 | SPRING 2025 |
|---|---|--|
| GEO 001 (4): The Earth's Crust and Interior | GEO 001 (4): The Earth's Crust and Interior | GEO 003/BIOLO10 (4): 3 Headlines in the History of Life |
| GEO 008 (4): Earthquake Country | GEO 002 (4): Earth's Climate Through Time | GEO 004 (4): Natural Hazards and Disasters |
| GEO 009 (4): Oceanography | GEO 004 (4): Natural Hazards and Disasters | GEO 005(4): Geoscience in Movies |
| GEO 013 (4): Our Planetary Neighbors: The Solar System and Beyond | GEO 006 (4): Planets in Science Fiction | GEO 080 (4): Astrobiology: The Search For Life in the Universe |
| GEO 111 (4): Global Climate Change | GEO 010 (4): Earth Resources and Sustainability | GEO 011 (4): Global Climate Change |
| GEO 115 (5): Geological Maps and Landforms | GEO 011 (4): Global Climate Change | GEO 101B (3): Field Geology |
| GEO 122 (5): Mineralogy | GEO 012 (4): At Home in the Universe | GEO 102A (8): Summer Field Geology *GEO 102B (1): Summer Field Geology |
| *GEO 144 (4): Earthquake Seismology | GEO 100 (4): Igneous and Metamorphic Petrology | GEO 118 (5): Sedimentology and Stratigraphy |
| GEO 150 (1): Your Future in the Earth and Planetary Sciences | GEO 101A (3): Field Geology | *GEO 137(4): Geochemistry of Natural Waters |
| *GEO 151(4): Principles of Paleontology | GEO 116 (5): Structural Geology | GEO 145 (4): Applied and Exploration Geophysics |
| GEO 163 (4): Global Physical Climatology | *GEO 140 (4): Global Geophysics | GEO 150 (1): Your Future in the Earth and Planetary Sciences |
| GEO 169 (4): California Vegetation | GEO 150 (1): Your Future in the Earth and Planetary Sciences | GEO 157 (4): Introduction to Geographical Information Science |
| *GEO 240 (1): Advanced Field Geophysics | GEO 160 (4): Global Climate Change | GEO 161 (4): Cenozoic Climate Change |
| *GEO 251(3-5): Advanced Topics in Paleontology | GEO 169 (4): California Vegetation | *GEO 162 (4): Geomorphology |
| *GEO 257 (4): Advanced Topics in Geophysics | GEO 184 (4): Planetary Atmospheres | *GEO 201B (2): Proposal Writing and Review |
| *GEO 266 (4): A Practical Introduction to Earth System Modeling and Dynamics | *GEO 201A (2): Research and Proposal Design | *GEO 219 (4): Theory of Systematics |
| *GEO 269 (1-6): Directed Studies | *GEO 244 (4): Space Geodesy | *GEO 243A (4) : Earthquake Physics |
| *GEO 280 (4): Planetary Habitability | *GEO 261 (1): Atmosphere, Ocean and Climate Dynamics Seminar | *GEO 253 (3-5): Advanced Topics in Petrology and Geochemistry |
| *GEO 283 (1): Graduate Seminar in Astrobiology | *GEO 283 (1): Graduate Seminar in Astrobiology | *GEO 263 (4): 3 Organic and Petroleum Geochemistry |
| | *GEO 284 (4): 4 Planetary Atmospheres | |

***GEO 190 limited to total of 6 units. Cannot be applied to meet degree requirements without prior faculty advisor consent.**

***GEO 195A is the first installment of what is to be a series of GEO 195A-B-C enrollment across the school year. Minimum enrollment of 3 units per quarter with the sum total of GEO 195A-B-C enrollment not to exceed 9 units.**

***Courses not offered every year. GEO 140 essential for GEOPHYS, GEO 151 for EPS GEOBIOL, GEO 137 for EPS Climate Change**

***Graduate level courses require instructor approval and petition. Must consult with LFA and Academic Advisor before enrollment.**

***Only offered in Summer. Must enroll in GEO 102A for Spring first, then advisor will facilitate enrollment for GEO 102B in Summer.**