

Introductory Courses (1000 level)								
Course Name	Dept	Course #	Fall 2021	Spring 2022	Fall 2022	Spring 2023	Fall 2023	Spring 2024
Frontiers of Science	SCNC	CC1000	McManus		McManus	McManus	McManus	
Dinos and Hist of Life	EESC	UN1001/1401	Olsen		Olsen		Olsen	
Global Warming for Global Leaders	EESC	UN1002		Hönisch & Raymo	Winckler & Raymo			Hönisch & Raymo
Death Valley Field Excursion	EESC	UN1010		Christie-Blick		Christie-Blick		
Earth Origin/Evol'n	EESC	UN1011/1411						
Oceanography	EESC	UN1030			Hönisch		Hönisch	
Environmental Risks	EESC	UN1201	Ekström		Ekström		Ekström	
Resources & Sus Dev	EESC	UN1600	Kelemen		Kelemen		Kelemen	
Eastern Sierras Geological Excursion	EESC	UN1900						
Undergraduate Courses for the Major (2000-3000 level)								
Course Name	Dept	Course #	Fall 2021	Spring 2022	Fall 2022	Spring 2023	Fall 2023	Spring 2024
Climate System	EESC	UN2100	McManus/Camargo	TBD	McKinley/Camargo	Winckler/Ting	McManus/Camargo	TBD
Solid Earth System	EESC	UN2200	Kingslake/Key	TBD/Rodriguez	Kingslake/ Key	Goldstein/Hemming	Kingslake/ Key	Goldstein/Rodriguez
Life System	EESC	UN2300		Olsen/Palmer/Dyhrman		Olsen/Palmer/Griffin		Olsen/Palmer/Griffin
Science for Sustainable Development	EESC	UN2330	Mutter/Lawrence		Mutter/DeFries		Mutter/DeFries	
Field Geology	EESC	UN3010		Goldstein		Hemming/Goldstein (Italy) Stute (Bermuda)		Goldstein
Hydrology	EESC	BC3025		Stute				
Geochem for a Habitable Planet	EESC	UN3101	Plank		Plank		Plank	
Climate Physics	EESC/ APAM	UN3109	Sobel		Sobel		Sobel	
Climate Biogeochemistry	EESC	3xxx			Commane		Commane	
Climate Extremes		3xxx			Camargo			
Solid Earth Dynamics	EESC	UN3201		Nettles		Nettles		Nettles
Computational Earth Science	EESC	UN3400	Key		Key		Key	
Env Sci Senior Seminar	EESC	UN3901	Commane/Webb	Commane/Webb	Austermann/Hemming	Austermann/Hemming	TBD	TBD
Terrestrial Paleocology (Kenya)	EEEB	OC3928				Uno		
Courses for Graduate and Undergraduate Students (4000 level)								
Course Name	Dept	Course #	Fall 2021	Spring 2022	Fall 2022	Spring 2023	Fall 2023	Spring 2024
Intro to Atmospheric Sci	EESC	GU4008	Polvani		Polvani		Polvani	
Chemical Geology	EESC	GU4009		Moussallam			Moussallam	
Humans and Carbon Cycle	EESC	GU4020	McKinley				McKinley	
Clim Thermo/Energy Transfer	EESC	GU4040				Sobel		
Global Assmt-Remote Sens	EESC	GU4050	Small		Small		Small	
Geodynamics	EESC	GU4085			Buck			
Geochronology & Thermochron	EESC	GU4090		TBD (Hemming Sabbatical)				Hemming
Forest Ecology	EEEB	GU4100			Griffin			
Intro to Mineralogy	EESC	GU4113			Moussallam			Moussallam
Geophysical Fluid Dynamics	EESC/APAM	GU4210		Polvani		Polvani		Polvani
Glaciology	EESC	GU4220		Kingslake		Kingslake		Kingslake
Sedimentary Geology	EESC	GU4223			TBD			
Crustal Deformation	EESC	GU4230		TBD		TBD		TBD
Sea Level Change	EESC	GU4235		(Austermann Leave)		Austermann		Austermann
Earth's Deep Interior	EESC	GU4300		Ekström				Ekström
Terrestrial Paleoclimate	EESC	GU4330			Schaefer			
Paleobio & Earth Sys	EESC	GU4480					Olsen	

Biogeochemistry	EESC	GU4524				TBD		
Plant Ecophysiology	EESC	GU4550	Griffin			Griffin		
Earth Resources & Sus Dev	EESC	GU4600	Kelemen		Kelemen		Kelemen	
Air-Sea Interaction	EESC	GU4630				Zappa		
Intro to Igneous Petrology	EESC	GU4701		Kelemen				Kelemen
Wetlands & Climate	EESC	GU4835	Peteet				Peteet	
Chem Continental Waters	EESC	GU4885		Anderson				Anderson
Isotope Geology I	EESC	GU4887			Goldstein		Goldstein	
Stable Isotope Geochemistry	EESC	GU4888				Linsley		
Earth Human Interactions	EESC	GU4917			Eisenberger		Eisenberger	
Paleoceanography	EESC	GU4920		McManus				McManus
Biological Oceanography	EESC	GU4923			Juhl			
Intro to Atmospheric Chem	EESC	GU4924				Commane		Commane
Physical Oceanography	EESC	GU4925	Abernathy		Thurnherr		Abernathy	
Chemical Oceanography	EESC	GU4926				Anderson		
Earth's Oceans & Atmosphere	EESC	GU4930		Gordon		Gordon		Gordon
Cenozoic Paleocanography	EESC	GU4937				Hönisch & Raymo		
Plate Tectonics	EESC	GU4947		TBD		TBD		TBD
Intro to Seismology	EESC	GU4949			Waldhauser			
Courses for Graduate Students (6000 to 9000 level)								
Course Name	Dept	Course #	Fall 2021	Spring 2022	Fall 2022	Spring 2023	Fall 2023	Spring 2024
Inverse Theory	EESC	GR6300		Menke				Menke
Communicating Earth & Env Sci	EESC	GR6400			Dyhrman			
Magmatism & Volcanism	EESC	GR6700		(Plank Leave)		(Plank Sabbatical)		Plank
Ig&Met Processes	EESC	GR6701						
The Carbon Cycle	EESC	GR6810						
Microbial Oceanography	EESC	GR6823	Dyhrman				Dyhrman	
Research Computing in Earth Sciences	EESC	GR6901	Abernathy		Abernathy		Abernathy	
QMDA	EESC	GR6908	Malinverno		Menke		Malinverno	
Dynamics of Climate	EESC	GR6920				Miller		
Atmospheric Dynamics	EESC	GR6921	Miller		Miller		Miller	
Atmospheric Radiation	EESC	GR6922				Chowdhary		
Idealized Models - Climate	EESC	GR6926				McKinley		
Tropical Oceanography	EESC	GR6927						
Tropical Meteorology	EESC	GR6928		Sobel				Sobel
Ocean Dynamics	EESC	GR6930				TBD		
Instrumentation in Atm/Ocean	EESC	GR6935	Commane					
Marine Seismology	EESC	GR6940						
Advanced Seismology	EESC	GR6949				Ekström		
Electromagnetic Geophysics	EESC	GR6950				Key		
Field Geology	EESC	GR8010						
Advanced Geochemistry	EESC	GR8884		Hofmann		Hofmann		Hofmann
Seminar in Biogeoscience	EESC	GR9523				Juhl		
Paleoceanography Seminar	EESC	GR9600		TBN	TBN	McManus		
Seminar in Advanced Petrology	EESC	GR9701	Moussallam			Moussallam		
Geochemistry Seminar	EESC	GR9802		Hofmann		Hofmann		Hofmann
Seminar in Race, Climate, & Env. Justice	EESC	GR9810		TBD		TBD		TBD

Research Skills for Earth & Env. Sci.	EESC	GR9902	Nettles				Nettles	
Seminar in Atmospheric Science	EESC	GR9910		Sobel				Sobel
Seminar: Machine Learning for Climate	EESC+			McKinley/TBA				
Past/Present/Future Ocean Sem	EESC	GR9931	Gordon		Gordon (sabbatical)			
Co-listed Courses in Other Units								
Course Name	Dept	Course #	Fall 2021	Spring 2022	Fall 2022	Spring 2023	Fall 2023	Spring 2024
Field Methods Environ Eng	EAEE	E 4006		McGillis		McGillis		McGillis
Intro to Numerical Methods	APMA	E 4300	Spiegelman	Spiegelman				
Numerical Methods for PDEs	APMA	E 4301		Mandli		Mandli/Spiegelman		Mandli/Spiegelman
Systematics & Biogeography	AMNH	RGGS501		Burbrink/Wheeler		Burbrink/Wheeler		Burbrink/Wheeler
Evolution	AMNH	RGGS503	Smith, Hopkins, et al.		Smith, Hopkins, et al.		Smith, Hopkins, et al.	
GIS Methods & Applications	AMNH	RGGS602	Sterling/Blair		Blair et al.		Blair et al.	
Vertebrate Paleobiology	AMNH	RGGS658		Meng, Flynn et al.			Meng, Flynn et al.	
Geometric Morphometrics	AMNH	RGGS669				Hopkins, et al.		
Topics in Invertebrate Paleontology	AMNH	RGGS624						Hopkins, et al. (potential)
Atmospheric Aerosols	CHEN	GU4600		McNeill		McNeill		McNeill
Courses for Masters in Climate and Society								
Course Name	Dept	Course #	Fall 2021	Spring 2022	Fall 2022	Spring 2023	Fall 2023	Spring 2024
Dynamics of Climate Variability & Change	EESC	GU5400	Marvel		Nissan/Marvel		Marvel	
Quantitative Models of Climate-Sensitive Natural & Human Systems	EESC	GU5401	Ting/Mason		Ting/Mason		Ting/Mason	
Managing & Adapting to Climate	EESC	GU5403	Orlove		Orlove		Orlove	
Regional Climate & Climate Impacts	EESC	GU5404		Robertson/Biasutti		Robertson/Biasutti		Robertson/Biasutti
Applications in Climate & Society	EESC	GU5407		Kahn/Kruczkiewicz		Kahn/Kruczkiewicz		Kahn/Kruczkiewicz