

Upper Division Electives 2022-2023

Summer Session 1 2022

Course	Course Title	Units	Instructor
LDA 150/ABT 150	Introduction to Geographic Information Systems. Offered every quarter.	4	McConnell

Summer Session 2 2022

Course	Course Title	Units	Instructor
GEL 150C	Biological Oceanography <i>Offered at Bodega Marine Lab (application required)</i>	4	Hill
ESP 152	Coastal Oceanography <i>Offered at Bodega Marine Lab (application required)</i>	3	Largier

Fall 2022

Course	Course Title	Units	Instructor
GEL 131	Risks and Natural Hazards	3	Rundle
GEL 163	Planetary Geology and Geophysics	3	Stewart
GEL 181	Math and Science Teaching – Middle School	2	Salim
GEL 183	Math and Science Teaching – High School	3	Pinter
GEL 186	Learning Assistant Seminar	1	Stevenson
GEL 190	Seminar	1	TBD
ECI 175	Geotechnical Earthquake Engineering	4	DeJong
ESM 100	Principles of Hydrologic Science	4	Grismer
HYD 144	Groundwater Hydrology	4	Harter
LDA 150/ABT 150	Introduction to Geographic Information Systems	4	Greco
SSC 100	Principles of Soil Science	5	Lazcano Larkin

Winter 2023

Course	Course Title	Units	Instructor
GEL 141	Evolutionary History of Vertebrates	3	Motani
GEL 148	Stable Isotopes and Tracers	3	Atekwana
GEL 150B	Geological Oceanography	3	Griffin
GEL 162	Geophysics of the Solid Earth	3	Rudolph
GEL 181	Math and Science Teaching – Middle School	2	Salim
GEL 183	Math and Science Teaching – High School	3	Pinter
GEL 186	Learning Assistant Seminar	1	Stevenson
GEL 190	Seminar	1	TBD
CHE 100	Environmental Water Chemistry	3	TBD
ECI 171+171L	Soil Mechanics	5	TBD
ESM 186	Environmental Remote Sensing	5	TBD
HYD 146	TBD - Hydrogeology and Contaminant Transport	5	TBD

LDA 150/ABT 150	Introduction to Geographic Information Systems	4	TBD
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Spring 2023

Course	Course Title	Units	Instructor
GEL 116N	Oceanography	3	Griffin
GEL 120	Big Bang to Today	3	Osleger
GEL 134	Environmental Geology and Land Use Planning	3	Oskin
GEL 146	Radiogenic Isotope Geochemistry and Cosmochemistry	3	Yin
GEL 161	Geophysical Field Methods	3	Billen
GEL 181	Math and Science Teaching – Middle School	2	Salim
GEL 183	Math and Science Teaching – High School	3	Pinter
GEL 186	Learning Assistant Seminar	1	Stevenson
GEL 190	Seminar	1	TBD
ECI 171+171L	Soil Mechanics	5	TBD
LDA 150/ABT 150	Introduction to Geographic Information Systems	4	TBD

Upper Division Electives 2023-2024 (*tentative*)

Summer Session 1 2023

Course	Course Title	Units	Instructor
LDA 150/ABT 150	Introduction to Geographic Information Systems. Offered every quarter.	4	TBD

Summer Session 2 2023

Course	Course Title	Units	Instructor
GEL 150C	Biological Oceanography <i>Offered at Bodega Marine Lab (application required)</i>	4	Hill
ESP 152	Coastal Oceanography <i>Offered at Bodega Marine Lab (application required)</i>	3	Largier

Fall 2023

Course	Course Title	Units	Instructor
GEL 110C	TBD	4	Rudolph
GEL 131	Risks and Natural Hazards	3	Rundle
GEL 144	Historical Ecology	3	Grettenberger
GEL 181	Math and Science Teaching – Middle School	2	Salim
GEL 183	Math and Science Teaching – High School	3	Pinter

GEL 186	Learning Assistant Seminar	1	Stevenson
GEL 190	Seminar	1	TBD
ECI 175	Geotechnical Earthquake Engineering	4	TBD
ESM 100	Principles of Hydrologic Science	4	TBD
HYD 144	Groundwater Hydrology	4	TBD
LDA 150/ABT 150	Introduction to Geographic Information Systems	4	TBD
SSC 100	Principles of Soil Science	5	TBD

Winter 2024

Course	Course Title	Units	Instructor
GEL 116N	Oceanography	3	Hill
GEL 133	Environmental Geochemistry	3	Mukhopadhyay
GEL 141	Evolutionary History of Vertebrates	3	Motani
GEL 146	Radiogenic Isotope Geochemistry and Cosmochemistry	3	Yin
GEL 160	Geological Data Analysis	3	Rudolph
GEL 181	Math and Science Teaching – Middle School	2	Salim
GEL 183	Math and Science Teaching – High School	3	Pinter
GEL 186	Learning Assistant Seminar	1	Stevenson
GEL 190	Seminar	1	TBD
CHE 100	Environmental Water Chemistry	3	TBD
ECI 171+171L	Soil Mechanics	5	TBD
ESM 186	Environmental Remote Sensing	5	TBD
HYD 146	TBD – Hydrogeology and Contaminant Transport. Rarely offered.	5	TBD
LDA 150/ABT 150	Introduction to Geographic Information Systems	4	TBD

Spring 2024

Course	Course Title	Units	Instructor
GEL 120	Big Bang to Today	3	Osleger
GEL 136	Ecogeomorphology	5	Pinter
GEL 144	Historical Ecology	3	TBD
GEL 150A	Physical and Chemical Oceanography	4	Gaylord
GEL 181	Math and Science Teaching – Middle School	2	Salim
GEL 183	Math and Science Teaching – High School	3	Pinter
GEL 186	Learning Assistant Seminar	1	Stevenson
GEL 190	Seminar	1	TBD
ECI 171+171L	Soil Mechanics	5	TBD
LDA 150/ABT 150	Introduction to Geographic Information Systems	4	TBD