

Name: _____
 Plan: Geology, B.S.
 SubPlan/Option: _____
 Min. Units Required: **120 units**

Geophysics / Earth Exploration Emphasis Electives (continued from previous page):

GSC4150 - Engineering Geology II (2) and
 GSC4150L - Engineering Geology II Laboratory (1)

GSC4320 - Soil Physics (2) and
 GSC4320L - Soil Physics Laboratory (1)

GSC4440 - Tectonics (2) and
 GSC4440L - Tectonics Laboratory (1)

GSC4700 - Volcanology (2) and
 GSC4700L - Volcanology Laboratory (1)

GSC4800 - Quantitative and Computer Skills in the Geosciences (3)
 GSC4910L - Field Module Laboratory (1-2)

GSC5330 - Advanced Topics in Structural Geology and Tectonics (2) and
 GSC5330L - Advanced Topics in Structural Geology and Tectonics Laboratory (1)

GSC5640 - Advanced Shallow Subsurface Geophysics (2) and
 GSC5640L - Advanced Shallow Subsurface Geophysics Laboratory (1)

GSC5680 - Topics in Advanced Seismology (2) and
 GSC5680L - Topics in Advanced Seismology Laboratory (1)
 GSC XXXX - Other GSC course by petition (varies)

Environmental Resources Emphasis :06411: **18 units**

Emphasis Required :107073: **12 units**

GSC3040 - Meteorology (3) (B5) or
 GSC3200 - Studies of a Blue Planet (3) (B5)

GSC3350 - Exploring Earth's Oceans: Oceanography (3) (B5)
 GSC4010 - GIS Applications for Earth and Environmental Scientists (1)
 GSC4010L - GIS Applications for Earth and Environmental Scientists Laboratory (2)
 GSC4320 - Soil Physics (2)
 GSC4320L - Soil Physics Laboratory (1)

Emphasis Electives :107074: **6 units**

BIO3040 - Environment and Society (3) (B5)
 GEO3030 - Climatology (3) (B5)

GEO4400 - Advanced GIS (2) and
 GEO4400L - Advanced GIS Laboratory (1)

GEO4430 - Quantitative Spatial Analysis (2) and
 GEO4430L - Quantitative Spatial Analysis Laboratory (1)

GSC1100 - Water in a Changing World (3) (B1)

GSC4340 - Shallow Subsurface Geophysics (2) and
 GSC4340L - Shallow Subsurface Geophysics Laboratory (1)

GSC4910L - Field Module Laboratory (1-2)

GSC5450 - Advanced Hydrogeology (2) and
 GSC5450L - Advanced Hydrogeology Laboratory (1)

GSC5850 - Isotope Geochemistry (2) and
 GSC5850L - Isotope Geochemistry Laboratory (1)

PLT2310 - Basic Soil Science (2) and
 PLT2310L - Basic Soil Science Laboratory (1)

PLT4310 - Soil Chemistry (2) and
 PLT4310L - Soil Chemistry Laboratory (1)

RS4200 - Watershed Restoration (2) and
 RS4200L - Watershed Restoration Laboratory (1)

URP4820 - California Water (3) (D4)

Unrestricted Electives :109522: **0-3 units**

Select a sufficient number of courses so that the total from "Major Required", "Major Electives", "GE", and "Unrestricted Electives" is at least 120 units.