



<b>Emphasis Electives</b>	<b>9 units</b>	RS4200 - Watershed Restoration (2) <i>and</i> RS4200L - Watershed Restoration Laboratory (1)
GSC3040 - Meteorology (3) (B5)		
GSC3210 - Engineering Geology I (2) (B5) <i>and</i> GSC3210L - Engineering Geology I Laboratory (1) (B5)		URP4820 - California Water (3) (D4)
GSC4010 - GIS Applications for Earth and Environmental Scientists (1) <i>and</i> GSC4010L - GIS Applications for Earth and Environmental Scientists Laboratory (2)		<b>Unrestricted Electives</b> <b>0-3 units</b>
GSC4150 - Engineering Geology II (2) <i>and</i> GSC4150L - Engineering Geology II Laboratory (1)		Select a sufficient number of courses so that the total from "Major Required", "Major Electives", "GE", and "Unrestricted Electives" is at least 120 units.
GSC4320 - Soil Physics (2) <i>and</i> GSC4320L - Soil Physics Laboratory (1)		
GSC4440 - Tectonics (2) <i>and</i> GSC4440L - Tectonics Laboratory (1)		
GSC4700 - Volcanology (2) <i>and</i> 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) <i>and</i> GSC5330L - Advanced Topics in Structural Geology and Tectonics Laboratory (1)		
GSC5640 - Advanced Shallow Subsurface Geophysics (2) <i>and</i> GSC5640L - Advanced Shallow Subsurface Geophysics Laboratory (1)		
GSC5680 - Topics in Advanced Seismology (2) <i>and</i> GSC5680L - Topics in Advanced Seismology Laboratory (1) GSC XXXX - Other GSC course by petition (varies)		
<b>Environmental Resources Emphasis</b>	<b>18 units</b>	
<b>Emphasis Required</b>	<b>12 units</b>	
GSC3040 - Meteorology (3) (B5) <i>or</i> 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)		
<b>Emphasis Electives</b>	<b>6 units</b>	
BIO3040 - Environment and Society (3) (B5) GEO3030 - Climatology (3) (B5)		
GEO4400 - Advanced GIS (2) <i>and</i> GEO4400L - Advanced GIS Laboratory (1)		
GEO4430 - Quantitative Spatial Analysis (2) <i>and</i> GEO4430L - Quantitative Spatial Analysis Laboratory (1)		
GSC1100 - Water in a Changing World (3) (B1)		
GSC4340 - Shallow Subsurface Geophysics (2) <i>and</i> GSC4340L - Shallow Subsurface Geophysics Laboratory (1)		
GSC4910L - Field Module Laboratory (1-2)		
GSC5450 - Advanced Hydrogeology (2) <i>and</i> GSC5450L - Advanced Hydrogeology Laboratory (1)		
GSC5850 - Isotope Geochemistry (2) <i>and</i> GSC5850L - Isotope Geochemistry Laboratory (1)		
PLT2310 - Basic Soil Science (2) <i>and</i> PLT2310L - Basic Soil Science Laboratory (1)		
PLT4310 - Soil Chemistry (2) <i>and</i> PLT4310L - Soil Chemistry Laboratory (1)		