

First Year – Fall Semester			First Year – Spring Semester		
GEOL 111, 101L	Physical Geology for Science Majors with lab	4	GEOL 102, 102L	Historical Geology with lab	4
MATH 143	Pre-Calculus Algebra and Analytic Geometry MATH 108 with 'C' or better or sufficient test scores	3	CHEM 111, 111L	Principles of Chemistry I with Lab Sufficient math scores or min 'C' in CHEM 101, MATH 143, 160, or 170	4
MATH 144	Analytic Trigonometry Sufficient test scores	1	*MATH 170	Analytic Geometry and Calculus I MATH 143 with 'C' or better and 144, or sufficient exam scores	4
ENGL 101	Introduction to College Writing	3	ENGL 102	College Writing and Rhetoric ENGL 101 or sufficient test scores	3
	Humanities/Social Science Course	3			
Total Credits		14	Total Credits		15
Second Year – Fall Semester			Second Year – Spring Semester		
GEOL 212	Principles of Paleontology (Fall only) GEOL 102 recommended	4	GEOL 249	Mineralogy and Optical Mineralogy (Spring only) GEOL 111/111L or GEOL 101/101L and CHEM 111, 111L	4
*PHYS 111, 111L	General Physics I with lab MATH 143	4	GEOL 335	Geomorphology (Spring only) GEOL 101/101L, GEOL 102/102L, GEOL 111/111L, or GEOG 100/100L and MATH 143 with 'C' or better; or permission	3
*MATH 175	Analytic Geometry and Calculus II MATH 170 with 'C' or better	4	*COMM 101	Fundamentals of Oral Communication	2
	Humanities/Social Science Course	3		Humanities/Social Science Course	3
				American Diversity/International Course	3
Total Credits		15	Total Credits		15
Second Year - Summer					
GEOL 290	Field Geology Methods GEOL 101/101L, GEOL 111/111L, or GEOL 102/102L	3			
Total Credits		3			
Third Year – Fall Semester			Third Year – Spring Semester		
GEOL 324	Principles of Stratigraphy and Sedimentation (Fall only) GEOL 102/102L and MATH 143 with 'C' or better	4	ENGL 317	Technical Writing ENGL 102 and Sophomore standing or permission	3
GEOL 326	Igneous and Metamorphic Petrology (Fall only) GEOL 249 and MATH 143 with 'C' or better	4	GEOL 345	Structural Geology (Spring only) MATH 143 with 'C' or better, one semester HS trigonometry or MATH 144, and GEOL 101/101L or GEOL 111/111L, and PHYS 111/111L or PHYS 211/211L	4
GEOG 385	GIS Primer Basic knowledge of PC-based operating system	3	GEOL ELECTIVE	Geology Elective Prerequisites vary by course	3
	Humanities/Social Science Course	3		American Diversity/International Course	3
Total Credits		14	Total Credits		13
Third Year - Summer					
GEOL 490	Field Geology II GEOL 290 and GEOL 345 and MATH 143 with 'C' or better	3			
Total Credits		3			
Fourth Year – Fall Semester			Fourth Year – Spring Semester		
GEOL 423	Principles of Geochemistry (Fall only) GEOL 249	3	GEOL 422	Principles of Geophysics (Spring only) MATH 143 with 'C' or better	4
GEOL ELECTIVE	Geology Elective Prerequisites vary by course	3	GEOL ELECTIVE	Geology Elective Prerequisites vary by course	3
UPDV ELECTIVE	Other elective(s) as needed	9	UPDV ELECTIVE	Other elective(s) as needed	6
Total Credits		15	Total Credits		13

*Other option(s) available

Requirements subject to change. See UI Catalog for complete degree requirements and additional information. Courses in gold are prerequisites. Courses in italics are co-requisites. UPDV denotes "upper division"