

Current B.A. Geology Program	59-60 cr	Proposed B.A. Geology Program	61-62 cr
A. Core Requirements	35-36 cr	A. Core Requirements	34 cr
One of the following two courses:		One of the following two courses:	
Geo 100 - Physical Geology	3	Geo 100 - Physical Geology	3
Oce 100 - Oceanography	3	Oce 100 - Oceanography	3
Geo 100L - Physical Geology Laboratory	1	Geo 100L - Physical Geology Laboratory	1
Geo 200/200L - Historical Geology & Laboratory	4	Geo 200/200L - Historical Geology & Laboratory	4
Geo 310 - Mineralogy	4	Geo 310 - Mineralogy	4
Geo 330 - Structural Geology	4	Geo 330 - Structural Geology	4
Geo 416 - Igneous and Metamorphic Petrology	4	Geo 416 - Igneous and Metamorphic Petrology	4
Geo 481 - Field Geology	6	Geo 420 - Sedimentation and Stratigraphy	4
Two of the following four courses:		Geo 440 - Invertebrate Paleontology	4
Geo 417 - Sedimentary Petrology	3	Geo 481 - Field Geology	6
Geo 320 - Sedimentology	3		
Geo 420 - Stratigraphy	3	B. Electives	3-4 cr
Geo 440 - Paleontology	3	One of the following four courses:	
One of the following four courses:		Geo 301 - Environmental Geology for Majors	4
Geo 301 - Environmental Geology for Majors	4	Geo 315 - Earth's Fury	3
Geo 335 - Surface Water Hydrology	3	Geo 335 - Surface Water Hydrology	3
Geo 430 - Hydrogeology	3	Geo 340 - Geophysics	3
Geo 450 - Geomorphology	3	Geo 417 - Sedimentary Petrology	3
B. Electives	0 cr	Geo 430 - Hydrogeology	3
		Geo 450 - Geomorphology	3
C. Cognate Requirements	24 cr	Geo 475 - Geochemistry & Laboratory	4
Mat 210 - Calculus I	4	Geo 480 - Tectonics	3
Mat 220 - Calculus II	4	Geo 486 - Field Techniques	3
Phy 111 - College Physics I	4	C. Cognate Requirements	24 cr
Phy 212 - College Physics II	4	Mat 210 - Calculus I	4
Che 111 - General Chemistry	4	Mat 220 - Calculus II	4
Che 212 - General Chemistry	4	Phy 111 - College Physics I	4
		Phy 212 - College Physics II	4
		Che 111 - General Chemistry	4
		Che 212 - General Chemistry	4