

Curriculum Map	
Degree:	B.A. Geology

Instructions - Enter a course ONLY if that course is part of the requirement of the major (core/option requirement or elective).	
Levels:	I = Introduce, D = Develop, M = Master, and A = Assess

Serial #	Course #	Course Title	PLO1	PLO2	PLO3	PLO4	PLO5
	GEOL 210	Physical and Environmental Geology	I	I	I		D
	GEOL 211	Historical Geology	I	I	I		D
	GEOL 260	Introduction to GIS		D	D		
	GEOL 297	Introductory Field Experience	D	I		I	
	GEOL 301	Mineralogy and Optical Mineralogy	M, A	D	D		
	GEOL 302	Igneous and Metamorphic Petrology	M	M, A	D, A		
	GEOL 311	Geomorphology	D	D	M		I
	GEOL 341	Oceanography	D		D	I	D
	GEOL 342	Planetary Geology	D		D	I	D
	GEOL 343	Atmospheric Science	D		D	I	D
	GEOL 371	Sedimentary Geology and Stratigraphy	M, A	D	I, D		
	GEOL 381	Structural Geology	D	M, A	M, A	D, A	
	GEOL 397	Advanced Field Experience	M	D	D	M	D
	GEOL 431	Applied Geophysics		D	D		
	GEOL 432	Hydrogeology	I		M, A	D	D
	GEOL 441	Earthquake Geology	D		D	D	D
	GEOL 499	Senior Seminar			M, A	M, A	M, A

PLO 1	PLO 2	PLO 3	PLO 4	PLO 5
Develop foundational knowledge in geologic Materials, Processes & Time (Knowledge), Processes & Time (Knowledge)	Develop fundamental geological field and laboratory skills and computer competence (Skills)	Integrate and analyze geologic information through synthesis & critical thinking (Analysis)	Develop oral and written communication, and collaborative skills (Communication)	Understand the impact of the Earth Sciences on local-to-global sustainability and their role as an ethical scientist (Global)
ILO 1: Critical Thinking ILO 4: Collaboration ILO 6: Specialized Knowledge	ILO 1: Critical Thinking ILO 3: Diversity ILO 4: Collaboration ILO 5: Sustainability ILO 6: Specialized Knowledge	ILO 1: Critical Thinking ILO 4: Collaboration ILO 5: Sustainability ILO 6: Specialized Knowledge	ILO 1: Critical Thinking ILO 2: Communication ILO 3: Diversity ILO 4: Collaboration ILO 6: Specialized Knowledge	ILO 1: Critical Thinking ILO 2: Communication ILO 3: Diversity ILO 4: Collaboration ILO 5: Sustainability