







<u>GRADUATION REQUIREMENTS</u>		
1) First Category US-1	0-3	
2) Second Category US-2	0-3	
3) Third Category US-3	0-3	
Please note: A minimum of three courses in the Upper Division General Education pattern must have a topic/learning outcome oriented toward one of the following topic areas (overlays):		
Area B6 Upper Division Science course	3	
Area C4 Upper Division Humanities course	3	
Area D4 Upper Division Social Sciences course	3	
GEOL 297 - Introductory Field Experience Units: 1	1	
GEOL 260 - Introduction to GIS in Earth and Environmental Sciences 3		

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GEOL 460 - Geographic Information Systems for Earth and Environmental Sciences Units: 4		
GEOL 490 - Independent Study Units: 1-3		
GEOL 497 - Issues in Geosciences Units: 3		

UDGE B6	COURSE:	OVERLAY:	3
LD Major	GEOL 297	Introductory Field Experience	1
UD Major	GEOL 360	Mineralogy and Optical Crystallography	4
Elective			3
Elective			3
		<i>TOTAL:</i>	14
UDGE D4	COURSE:	OVERLAY:	3
UD Major	GEOL 361	Igneous & Metamorphic Petrology	4
UD Major	GEOL 371	Sedimentary Geology and Stratigraphy	4
Elective			3
		<i>TOTAL:</i>	14
UDGE C4	COURSE:	OVERLAY:	3
UD Major	GEOL 381	Structural Geology	5
UD Major Elect			3
Elective			3
Elective			3
		<i>TOTAL:</i>	17