

## GEOLOGY BACHELOR OF SCIENCE (B.S.) DEGREE REQUIREMENTS

CORE COURSES (29 cr)			ELECTIVE COURSES (9 cr)
Cred	Number	Title	Choose three from the following
4	GEOL 101	Physical Geology	GEOL 313-Stratigraphy & paleoenvironments
4	ENSCI 100	Our planet in the 21 <sup>st</sup> century	GEOL 347- Principles of hydrology
4	GEOL 102	Historical geology	GEOL 349- Environmental geology
3	GEOL 200	Geologic methods	GEOL 363- GIS in the geosciences
4	GEOL 201	Earth materials	GEOL 370- Biogeochemistry
4	GEOL 208	Sedimentology and landscape evolution	ENSCI 200- Earth systems science
3	GEOL 214	Earth's internal processes	ENSCI 203- Environmental microbiology
3	GEOL 361	Geology in the field	<i>Additional elective courses may be offered</i>
<b>REQUIRED MATH AND SCIENCE</b>			
	Two semesters of calculus [Math 151 + 152 <i>or equivalent</i> ]		
	Two semesters of Chemistry with laboratory [Chem 113.4 + 113.1 <b>AND</b> Chem 114.4 + 114.1]		
	Two semesters of Physics with laboratory [Phys 121.4 + 121.1 & 122.4+122.1 <b>OR</b> 145.4+ 145.1 & 146.4+146.1] <span style="background-color: yellow;"><i>Depending on a student's career goals, a semester of Biology (with lab) may be substituted for Physics with permission of the Geology advisor</i></span>		