

**CHECK SHEET
B.S. – GEOLOGICAL SCIENCES**

2004 - 2005 Catalog

Name _____

A Geological Sciences major (B.S.) consists of at least 39 semester hours of Geological Sciences, plus related courses in chemistry, physics, and mathematics.

Semester hours transferred: Lower Division _____

Upper Division _____

UNIVERSITY GENERAL STUDIES REQUIREMENTS		
First -Year Composition	Hours	Grade
Literacy/Critical Inquiry (3 hrs upper div.)		
L satisfied by GLG 451		
L satisfied by GLG 452		
Numeracy		
MA satisfied by MAT 270		
CS may be satisfied by GLG 410		
Humanities and Fine Arts (6 to 9 hrs)		
HU		
HU		
Social and Behavioral Sciences (6 to 9 hrs)		
SB		
SB		
Sciences		
SG satisfied by GLG 102 and 104		
SQ satisfied by GLG 101 and 103		
Awareness Areas		
Cultural (C)		
Global (G) satisfied by GLG 101		
Historical (H) satisfied by GLG 102		
COLLEGE (CLAS) REQUIREMENTS		
Second Language		
Humanities (6 hours upper div.)		
Social Behav. Sci. (6 hours upper div)		
Bridge Course (3 hours: see CLAS list)		
Natural Sciences/Mathematics (6 to 8 hours)		
satisfied by PHY 121/122		
satisfied by CHM 113		

GEOLOGICAL SCIENCES MAJOR REQUIREMENTS		
Required Courses (27 hours)	Hours	Grade
GLG 101 Intro.Geol I- Physical	3	
GLG 102 Intro. Geol II-Historical	3	
GLG 103 Intro. Physical Lab	1	
GLG 104 Intro. Historical Lab	1	
GLG 310 Structural Geology	3	
GLG 321 Mineralogy	3	
GLG 400 Colloquium	1	
GLG 424 Petrology	3	
GLG 435 Sedimentology	3	
GLG 451 Field Geology I	3	
GLG 452 Field Geology II	3	
Branch Courses (6 hours)		
<i>Two of the following four courses:</i>		
GLG 430 Paleontology	3	
GLG 418 Geophysics	3	
GLG 470 Hydrogeology	3	
GLG 481 Geochemistry	3	
Geological Sciences Electives		
(6 hours, upper division)		
Science/Math Courses (28 hrs)		
PHY 121 Univ. Physics I	3	
PHY 122 Univ. Physics I Lab	1	
PHY 131 Univ. Physics II	3	
PHY 132 Univ. Physics II Lab	1	
CHM 113 Gen Chemistry I	4	
CHM 116 Gen Chemistry II	4	
MAT 270 Calculus I*	4	
MAT 271 Calculus II*	4	
MAT 272 Calculus III**	4	

* MAT 290/291 is an acceptable substitute for MAT 270/271/272. ** MAT 274 may be substituted for MAT 272.
NOTE: At least 45 upper division (300 level and above) hours are required. This is often difficult to achieve without careful planning.