

## CHECK SHEET B.S. – GEOLOGICAL SCIENCES

2005 - 2006 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 \_\_\_\_\_

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

<b>GEOLOGICAL SCIENCES MAJOR REQUIREMENTS</b>		
<b>Required Courses</b> (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	
<b>Branch Courses</b> (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	
<b>Geological Sciences Electives</b>		
(6 hours, upper division)		
<b>Science/Math Courses (28 hrs)</b>		
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.