CHECK SHEET
B.S. – GEOLOGICAL SCIENCES

2003 - 2004 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)		
Two of the following four courses:		
GLG 335 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.