

**West Texas A&M University
STARR Center
Degree Checklist
2008-2009**

NAME: _____ WT ID: _____ DATE: _____

**Geology
Department of Life, Earth and Environmental Sciences
ANS 348A 651-2570**

CORE CURRICULUM COURSES: 31 HOURS ♦		HRS	
Number of hours does not include specific core requirements listed below.			
Communication (10)			
ENGL 1301 (ENG 101); 1302* (ENG 102) or 2311* (ENG 270)	6		
Communication (11)			
SCOM 1315 (101), 1318 (103), or 1321 (201)	3		
Mathematics (20)			
See University Core Requirements below	(3)		
Natural Sciences (30)			
See University Core Requirements below	(8)		
Humanities (40-41)			
ENGL 2321* (NEW), 2326* (NEW), 2331* (NEW), 2341* (NEW), 2343* (NEW); HIST 2311 (110), 2372 (210); MCOM 1307 (MC 107); PHIL 1301 (101), 2374 (204); or SPAN 2312*/** (207) Choose 1	3		
Visual and Performing Arts (50)			
HUMA 1315 (FA 101); ARTS 1303 (ART 151), ARTS 1304 (ART 152); DANC 2303 (NEW); MUSI 1306 (MUS 101) or 1208 and 1209; or THRE 1310 (105) Choose 1	3		
Social and Behavioral Sciences (60)			
HIST 1301 (201), 1302 (202), 2301 Choose 2	6		
Social and Behavioral Sciences (70)			
POSC 2305 (101) or POSC 2370 (NEW); 2306 (102)	6		
Social and Behavioral Sciences (80)			
AGBE 2317 (213), ANTH 2351 (201); CRIJ 1301 (CJ 105); ECON 2301 (ECO 201), 2302 (ECO 202), 2371; GEOG 1302 (202); PSYC 2301 (PSY 201); SCOM 2377 (255); SOCI 1301 (201); or SOCW 2361 (SOWK 201) Choose 1	3		
Institutionally Designated Option (90)			
PHED 1111 (SES 101); PHED/ANSC activity course; DANC 1241 (1070), 2241* (2370); MUEN 1026 Upon written recommendation of the University physician or the coordinator for Student Disability Services, students may substitute a one hour elective course in lieu of physical education course.	1-2		
GEOLOGY REQUIREMENTS: 82-83 HOURS			
Courses required for a degree in Geology.			
UNIVERSITY CORE REQUIREMENTS: 11 HOURS			
CORE 20 MATH 1314* (110) or 1324* (115)	3		
CORE 30 CHEM 1411*, 1411L (101) Chemistry I	4		
CORE 30 CHEM 1412*, 1412L (102) Chemistry II	4		
GEOLOGY CORE REQUIREMENTS: 31-33 HOURS			
GEOL 1403, 1403L (101, 101L) Physical Geology	4		
GEOL 1404, 1404L (102, 102L) Historical Geology	4		
GEOL 2471*, 2471L (201) (Fall Only) Mineralogy	4		
GEOL 2475* (205) (Spring Only) Petrology	4		
GEOL 3311*, 3311L (311) Structural Geology	3		
GEOL 3312* (312) Geomorphology	3		

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GEOL 4305* (405) Field Methods	3	
ADVANCED GEOLOGY ELECTIVE	3-4	
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REQUIRED COURSES FROM OTHER DEPARTMENTS: 19-20 HRS		
MATH 1316* (111) Plane Trigonometry MATH 2412* Pre-calculus Math Choose 1	3-4	
MATH 2413* (240) Calculus I	4	
BIOL 1411, 1411L (122) Botany	4	
BIOL 1413, 1413L (121) Zoology	4	
PHYS 1401* 1401L (101) General Physics I	4	
ADVANCED ELECTIVES: 19-21 HOURS BY ADVISEMENT***		
ADVANCED ELECTIVES Additional advanced hours to provide a minimum of 36 hours selected from biology, biotechnology, chemistry, environmental science, geology, mathematics, computer science or physics.	19-21	
BACHELOR OF SCIENCE REQUIREMENTS		
Covered by requirements for major.		OPTION
ELECTIVES: 6-7 HOURS		
ELECTIVES As needed to provide a total of 120 hours.	6-7	
TOTAL HOURS REQUIRED TO COMPLETE DEGREE	120	

♦ Core curriculum courses should be taken during the first two years of enrollment. For a list of core courses with descriptions see www.wtamu.edu/starr/.
* Indicates prerequisites—see [catalog](#) for more information.
** Or an equivalent course (second year, second semester) in French or German.
*** At least 36 hours of advanced work (courses at the 3000- or 4000-level) are required to receive a bachelor's degree. At least 30 must be earned in residence at WTAMU.

Note: This is NOT a degree plan. Upon completion of 60 hours, apply for a degree plan in the office of the dean of the College of Agriculture, Science and Engineering located in the Agriculture and Natural Sciences Building, Room 106, or call 651-2585.