

**West Texas A&M University
Advising Services
Degree Checklist
2012-2013**

(For assistance completing this form, contact Advising Services at 806-651-5300)

NAME: _____ WT ID: _____ DATE: _____

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

CORE CURRICULUM COURSES: 42 HOURS ♦		HRS
Specific course(s) required for this major are listed in the next section.		
Communication (10)		
ENGL 1301 (ENG 101) Introduction to Academic Writing and Argumentation	3	
See University Core Requirements below	(3)	
Communication (11)		
COMM 1315 (SCOM 101, 1315), 1318 (SCOM 103, 1318), or 1321 (SCOM 201, 1321)	3	
Mathematics (20)		
See University Core Requirements below	(3)	
Natural Sciences (30)		
See University Core Requirements below	(8)	
Humanities (40-41)		
ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311 (110), 2323, 2372 (210); MCOM 1307 (MC 107); PHIL 1301 (101), 2374 (204); SPAN 2312*/** (207) or SPAN 2315*/** Choose 1	3	
Visual and Performing Arts (50)		
HUMA 1315 (FA 101); ARTS 1303 (ART 151), ARTS 1304 (ART 152); DANC 2303; MUSI 1306 (MUS 101) or 1208 and 1209*; or THRE 1310 (105) Choose 1	3	
Social and Behavioral Sciences (60)		
HIST 1301 (201) or 1303; 1302 or 1304; 2301; 2381 Choose 2	6	
Social and Behavioral Sciences (70)		
POSC 2305 (101) or 2370; 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); COMM 2377 (SCOM 255, 2377); SOCI 1301 (201); or SOCW 2361 (SOWK 201) Choose 1	3	
Institutionally Designated Option (90)		
ANSC 2370; CIDM 1105, 1301 (CIS, IDM 1301), 1315 (CIS, IDM 1315), 2345; CS 1301; IDS 1071; PHIL 2303 (203) Choose 1	1-3	
GEOLOGY MAJOR REQUIREMENTS: 79-86 HOURS A grade of "C" or better must be earned in all courses required for major.		
UNIVERSITY CORE REQUIREMENTS: 14-15 HOURS		
CORE 10 ENGL 2311* (ENG 270) Introduction to Professional and Technical Communication	3	
CORE 20 MATH 1316* (111) Plane Trigonometry OR MATH 2412* (1348) Pre-Calculus	3-4	
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 of even years) Mineralogy	4	

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GEOL 2475*, 2475L (205) (spring of odd years) Petrology	4	
GEOL 3311*, 3311L (311) Structural Geology	3	
GEOL 3312* (312) Geomorphology	3	
GEOL 4305*, 4305L (405) Field Methods	3	
ADVANCED GEOLOGY ELECTIVES	6-8	
REQUIRED COURSES FROM OTHER DEPARTMENTS: 15-16 HRS		
MATH 2413* (240) Calculus I OR MATH 3360* (360) Statistical Methods	3-4	
BIOL 1411, 1411L (122) Botany	4	
BIOL 1413, 1413L (121) Zoology	4	
PHYS 1401* 1401L (101) General Physics I	4	
ADVANCED ELECTIVES: 19-24 HOURS BY ADVISEMENT		
ADVANCED ELECTIVES (Courses must be at 3000- or 4000-level) Additional advanced hours to provide a minimum of 39 hours selected from biology, biotechnology, chemistry, environmental science, geology, mathematics, computer science or physics.	19-24	
BACHELOR OF SCIENCE REQUIREMENTS		
Covered by requirements for major.		OPTION
ELECTIVES: 4-13 HOURS		
ELECTIVES As needed to provide a total of 120 hours.	4-10	
TOTAL HOURS REQUIRED TO COMPLETE DEGREE	120	

♦ A minimum of 42 hours from the core curriculum is required. Some majors specify particular courses to meet core-curriculum requirements when options are available.
* Indicates prerequisites—see catalog for more information.
** Or an equivalent course (second year, first or second semester) in French or German.

NOTE: At least 39 hours of advanced work (3000- or 4000-level courses) for which tuition is paid must be earned at WTAMU, and 30 of the final 36 hours counted toward the degree must be earned at WTAMU. A maximum of six semester hours in religion and six semester hours in physical education (PHED) courses can count toward a baccalaureate degree.

Note: This is NOT a degree plan. Before completion of 60 hours, students are allowed and encouraged to request an official 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). After completing 60 hours, students will not be allowed to progress without requesting a degree plan.