

**West Texas A&M University**  
**STARR Center**  
**Degree Checklist**  
**2007-2008**

**NAME:** \_\_\_\_\_ **WT ID:** \_\_\_\_\_ **DATE:** \_\_\_\_\_

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

<b>CORE CURRICULUM COURSES (42 hrs)</b>	<b>HRS</b>
ENGL 1301 (ENG 101) Composition and Reading	3
ENGL 1302* (ENG 102) Composition and Reading	3
SCOM 1315 (101), 1318 (103), or 1321 (201) (SPEECH COMMUNICATIONS)	3
MATH 1314* (110) or 1324* (115)	3
CHEM 1411*, 1411L (101) (CHEMISTRY)	4
CHEM 1412*, 1412L (102)	4
ENGL 2332* (ENG 201), 2333* (202), 2371* (203); HIST 2372 (210); PHIL 1301 (101); or SPAN 2312*/** (207) (ENGLISH, HISTORY, PHILOSOPHY, SPANISH) <b>Choose 1</b>	3
HUMA 1315 (FA 101); ARTS 1303 (ART 151), ARTS 1304 (ART 152); MUSI 1306 (MUS 101) or 1208 and 1209; or THRE 1310 (105) (FINE ARTS, ARTS, MUSIC, THEATRE) <b>Choose 1</b>	3
HIST 1301 (201) America, 1492-1877	3
HIST 1302 (202) America Since 1877	3
POSC 2305 (101) American National Government POSC 2370 (NEW) Constitutional American Government <b>Choose 1</b>	3
POSC 2306 (102) American State and Local Government	3
ANTH 2351 (201) ECON 2301 (ECO 201), GEOG 1302 (202), PSYC 2301 (PSY 201), SOCI 1301 (201) (ANTHROPOLOGY, ECONOMICS, GEOGRAPHY, PSYCHOLOGY, SOCIOLOGY) <b>Choose 1</b>	3
PHED 1111 (SES 101) (PHYSICAL EDUCATION) 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
<b>GEOLOGY REQUIREMENTS (31-33 HOURS)</b>	
GEOLOG 1403, 1403L (101, 101L) Physical Geology	4
GEOLOG 1404, 1404L (102, 102L) Historical Geology	4
GEOLOG 2471*, 2471L (201) (Fall Only) Mineralogy	4
GEOLOG 2475* (205) (Spring Only) Petrology	4
GEOLOG 3311*, 3311L (311) Structural Geology	3
GEOLOG 3312* (312) Geomorphology	3
GEOLOG 4305* (405) Field Methods	3
ADVANCED GEOLOGY ELECTIVE	3-4
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<b>REQUIRED COURSES FROM OTHER DEPARTMENTS (19 HOURS)</b>	
MATH 1316* (111) Plane Trigonometry MATH 1348* (140) Pre-Calculus <b>Choose 1</b>	3
MATH 2413* (240) Calculus I	4
BIOL 1411, 1411L (122) (BIOLOGY) Botany	4

**Bachelor of Science Degree**  
**BS.GEOL (109)**

BIOL 1413, 1413L (121) Zoology	4
PHYS 1401* 1401L (101) (PHYSICS) General Physics I	4
<b>BACHELOR OF SCIENCE REQUIREMENTS (12 HOURS)</b>	
Six hours chosen from biology, chemistry, geology, geosciences, mathematics, physics and natural sciences. <b>(Covered by major)</b>	0
Six hours chosen from agricultural business and economics; agriculture; animal science; anthropology; biology; biotechnology; chemistry; computer information systems; computer science; economics; engineering; engineering technology; environmental science; geography; geology; geosciences; history; integrated pest management; mass communications; mathematics; mathematics and physical science; mechanical engineering; physics; plant, soil and environmental science; political science; psychology; sociology; speech; and sports and exercise sciences. <b>(Covered by major)</b>	0
<b>ELECTIVES*** (19-21 HOURS BY ADVISEMENT)</b>	
<b>ADVANCED ELECTIVES (19-21 HOURS)</b> Select from biology, chemistry, environmental science, geology, mathematics, or physics.	19-21
<b>ANY-LEVEL ELECTIVES (7 HOURS)</b>	7
<b>TOTAL HOURS REQUIRED TO COMPLETE DEGREE</b>	<b>120</b>

\* 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.  
 \*\*\*\* Bachelor of arts degree requires additional total hours to complete: 125-127 compared to 120 for a bachelor of science degree.

**NOTE: Additional advanced hours to provide a minimum of 36 hours should be selected from biology, chemistry, environmental science, geology, mathematics, or physics.**

Revised 5/07  
 geol.bs

**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 Old Main, Room 402, or call 651-2585.**