

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

NAME: _____ WT ID: _____ DATE: _____

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

CORE CURRICULUM COURSES: 31 HOURS ♦ Number of hours does not include specific core requirements listed below.	HRS	
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	
BIOLOGY REQUIREMENTS: 47 HOURS Courses required for a degree in Biology.		
UNIVERSITY CORE REQUIREMENTS: 11 HOURS		
CORE 20 MATH 1314* (110) or 1324* (115)	3	
CORE 30 BIOL 1406, 1406L (101) and 1407, 1407L (102) (BIOLOGY) or BIOL 1411, 1411L (122) and 1413, 1413L (121) (BIOLOGY)	8	
BIOLOGY ELECTIVES: 20-28 HOURS—SEE NOTE Take six biology courses (2000, 3000 or 4000 level) of which five must include laboratories.		
BIOLOGY ELECTIVE		
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BIOLOGY ELECTIVE		

**Bachelor of Science Degree
BS.BIOL (102)**

BIOLOGY ELECTIVE		
CHEM 1411*, 1411L (101, 101L) Chemistry I	4	
CHEM 1412*, 1412L (102, 102L) Chemistry II	4	
GEO 1403, 1403L (101) Physical Geology and GEO 1404, 1404L (102) Historical Geology or PHYS 1401*, 1401L (101) General Physics I and PHYS 1402*, 1402L (102) General Physics II	8	
MATH 1316* (111) Plane Trigonometry MATH 2412 Pre-Calculus Choose 1	3-4	
ADVANCED ELECTIVES***		
ADVANCED ELECTIVES—SEE NOTE BELOW Additional advanced hours to provide a minimum of 36 hours selected from biology, chemistry, biotechnology, environmental science, geology, mathematics or physics.		
BACHELOR OF SCIENCE REQUIREMENTS Covered by requirements for major.		OPTION
ELECTIVES—SEE NOTE BELOW		
ELECTIVES As needed to provide a total of 120 hours.		
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: The number of elective and advanced elective hours needed cannot be determined without knowing your choice of biology courses. Please make sure you will have at least 36 advanced hours and at least 120 total credit hours.

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.