

**West Texas A&M University
Advising Services
Degree Checklist
2014-2015**

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

NAME: _____ WT ID: _____ DATE: _____

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

CORE CURRICULUM COURSES: 42 HOURS ♦			
Specific course(s) required for this major are listed in the next section.			HRS
Communication (Code 10)			
ENGL 1301 (ENG 101) Introduction to Academic Writing and Argumentation	3		
COMM 1315 (SCOM 101, 1315), 1318 (SCOM 103, 1318), or 1321 (SCOM 201, 1321)	3		
Mathematics (Code 20)			
See University Core Requirements below	(3)		
Life and Physical Sciences (Code 30)			
See University Core Requirements below	(6)		
Language, Philosophy and Culture (Code 40)			
ANTH 2351 (201), ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311 (110), 2323, 2372 (210); PHIL 1301 (101), 2374 (204); SPAN 2311* (206), 2312** (207), 2313* or SPAN 2315**	3		Choose 1
Creative Arts (Code 50)			
HUMA 1315 (FA 101); ARTS 1303 (ART 151), ARTS 1304 (ART 152); DANC 2303; MUSI 1306 (MUS 101) or 1208 and 1209* (extra MUSI hour moves to Code 90); or THRE 1310 (105) Choose 1	3		
American History (Code 60)			
HIST 1301 (201), 1302 (202), 2301, 2381 Choose 2	6		
Government/Political Science (Code 70)			
POSC 2305 (101) and 2306 (102)	6		
Social and Behavioral Sciences (Code 80)			
AGBE 2317* (213); COMM 2377 (SCOM 255, 2377); CRIJ 1301 (CJ 105); ECON 2301 (ECO 201), 2302 (ECO 202); PSYC 2301 (PSY 201); SOCI 1301 (201) Choose 1	3		
Component Area Option (Code 90)			
See University Core Requirements below	(6)		
BIOLOGY MAJOR REQUIREMENTS: 51-63 HOURS			
A grade of "C" or better must be earned in all courses required for major.			
UNIVERSITY CORE REQUIREMENTS: 15 HOURS ♦			
CORE 20			
MATH 1314* (110), 1316* (111), or 2412*[3] (1348)	3		
CORE 30			
BIOL 1406[3] (101) and 1407*[3] (102) or BIOL 1411[3] (122) and 1413[3] (121)	6		
CORE 90			
ENGL 1302 (ENG 102) or 2311 (ENG 270)	3		
CORE 90			
BIOL 1406L[1] and 1407L[1] OR 1411L[1] and 1413L[1]; IDS 1071 or MATH 2412[1]	3		
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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**Bachelor of Science Degree
BS.BIOL (102)**

ADDITIONAL MAJOR REQUIREMENTS: 16-20 HOURS			
CHEM 1411*, 1411L (101, 101L) Chemistry I	4		
CHEM 1412*, 1412L (102, 102L) Chemistry II	4		
GEOL 1403, 1403L (101) Physical Geology AND GEOL 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 OR MATH 2412* (1348) Pre-Calculus	0-4		
ADVANCED ELECTIVES—SEE NOTE			
ADVANCED ELECTIVES (Courses must be at 3000- or 4000-level)			
Additional advanced hours to provide a minimum of 39 hours selected from biology, chemistry, biotechnology, environmental science, geology, mathematics or physics.			
BACHELOR OF SCIENCE REQUIREMENTS			OPTION
Covered by requirements for major.			
ELECTIVES—SEE NOTE			
ELECTIVES ♦ As needed to provide a total of 120 hours.			
MINIMUM HOURS REQUIRED TO COMPLETE DEGREE			120

♦ NOTE: The core curriculum must total **exactly 42 hours**; excess hours must be moved to the major as an elective or a major requirement and stay within the 120-hour requirement or approved total submitted to the Coordinating Board for degree requirements.

* Indicates prerequisites—see catalog for more information.

** Or an equivalent course (second year, second semester) in a foreign language.

NOTE: The number of elective and advanced elective hours needed cannot be determined without knowing your choice of biology courses. 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 (RELI) and six semester hours in physical education (PHED) courses can count toward a baccalaureate degree.

Note: This is NOT a degree plan. After completing 30 hours, students are 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). Students who have completed 45 hours will not be allowed to progress without requesting a degree plan.

