

**West Texas A&M University
Advising Services
Degree Checklist
2015-2016**

(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.		
Communication (Code 10)		
ENGL 1301 Introduction to Academic Writing and Argumentation	3	
COMM 1315, 1318, or 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, ENGL 2321*, 2326*, 2331*, 2341*, 2343*, HIST 2311, 2323, 2372; PHIL 1301, 2374; SPAN 2311*, 2312*/**, 2313*, or 2315* Choose 1	3	
Creative Arts (Code 50)		
ARTS 1303, ARTS 1304; DANC 2303; HUMA 1315; MUSI 1306 or 1208 and 1209* (extra MUSI hour moves to Code 90); OR THRE 1310 Choose 1	3	
American History (Code 60)		
HIST 1301, 1302, 2301, 2381 Choose 2	6	
Government/Political Science (Code 70)		
POSC 2305 and 2306	6	
Social and Behavioral Sciences (Code 80)		
AGBE 2317*; COMM 2377; CRIJ 1301; ECON 2301, 2302; PSYC 2301; SOCI 1301 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*, 1316*, or 2412*[3]	3	
CORE 30		
BIOL 1406[3] and 1407*[3] or BIOL 1411[3] and 1413[3]	6	
CORE 90		
ENGL 1302* Research and Rhetoric OR ENGL 2311* Introduction to Professional and Technical Communication	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 Chemistry I	4	
CHEM 1412*, 1412L Chemistry II	4	
GEOG 1403, 1403L Physical Geology AND GEOG 1404, 1404L Historical Geology OR PHYS 1401*, 1401L General Physics I AND PHYS 1402*, 1402L General Physics II	8	
MATH 1316* Plane Trigonometry OR MATH 2412* 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		
Covered by requirements for major.	OPTION	
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 (REL) 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 and Natural Sciences, 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.



First Year					
Fall			Spring		
H o u r s 14	CORE 10-ENGL 1301	3	H o u r s 17	CORE 90-ENGL 1302 or 2311	3
	CORE 20-MATH 1314, 1316 or 2412	3		MATH 1316 OR 2412	3
	CORE 30-LAB SCIENCE 1406/1406L or 1413/1413L	4		CORE 30-LAB SCIENCE 1407/1407L or 1411/1411L	4
	CORE 80 See Checklist for Options	3		CORE 10-COMM 1315, 1318 or 1321	3
	CORE 90-IDS 1071	1		CHEM 1411/1411L	4

Second Year					
Fall			Spring		
H o u r s 15	BIOL ELECTIVE*	4	H o u r s 14	BIOL ELECTIVE*	4
	BIOL ELECTIVE*	4		BIOL ELECTIVE*	4
	CHEM 1412/1412L	4		CORE 70-POSC 2305 or 2306	3
	CORE 70-POSC 2305 or 2306	3		CORE 40 See Checklist for Options	3

Third Year					
Fall			Spring		
H o u r s 15	BIOL ELECTIVES*	4	H o u r s 16	BIOL ELECTIVE*	4
	GEOL OR PHYS 1403/1403L or 1401/1401L	4		GEOL OR PHYS 1404/1404L or 1402/1402L	4
	ADV ELECTIVE	4		ADV ELECTIVE	4
	CORE 50-ARTS See Checklist for Options	3		ADV ELECTIVE	4

Fourth Year					
Fall			Spring		
H o u r s 15	ADV ELECTIVES	3	H o u r s 14	ADV ELECTIVES	4
	ADV ELECTIVES	3		ADV ELECTIVES	4
	ADV ELECTIVES	3		ELECTIVE	3
	CORE 60-HIST 1301, 1302, 2301 or 2381	3		CORE 60-HIST 1301, 1302, 2301 or 2381	3
	ELECTIVE	3			

DISCLAIMER: This curriculum guide should be used in conjunction with the corresponding degree checklist for general planning purposes only. The degree checklist (later a student's official degree plan) should be referred to as the comprehensive list of all courses required for the degree. An official degree plan is required after completing 45 hours. Students should always seek the advice of their academic adviser before scheduling classes.

Notes: * Of the six required Biology Electives, five must have a lab.
 Advanced Electives: needed to provide a minimum of 39 hours selected from BIOL, CHEM, BIOT, ENVR, GEOL, MATH or PHYS.