

**West Texas A&M University**  
**Advising Services**  
**Degree Checklist**  
**2022-2023**

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

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

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

<b>CORE CURRICULUM COURSES: 42 HOURS ♦</b>			
Specific course(s) required for this major are listed in the next section.			
<b>Communication (Core 10)</b>			
ENGL 1301 Intro. to Academic Writing & Argumentation OR ENGL 1311 Writing About Ideas	3	FPC	
COMM 1315, 1318, or 1321	3		
<b>Mathematics (Core 20)</b>			
See University Core Requirements below	(3)		
<b>Life and Physical Sciences (Core 30)</b>			
See University Core Requirements below	(6)		
<b>Language, Philosophy and Culture (Core 40)</b>			
ANTH 2351, ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311, 2323, 2372; MCOM 1307; PHIL 1301, 2374; SPAN 2311*, 2312**/**, 2313*, 2315*, or 2371 <b>Choose 1</b>	3		
<b>Creative Arts (Core 50)</b>			
ARTS 1301, 1303, 1304; DANC 2303; MUSI 1306, 1307 (for music majors), 1310; or THRE 1310 <b>Choose 1</b>	3		
<b>American History (Core 60)</b>			
HIST 1301 or 2381, 1302 or 2382, 2301 <b>Choose 2</b>	6		
<b>Government/Political Science (Core 70)</b>			
POSC 2305 and 2306	6		
<b>Social and Behavioral Sciences (Core 80)</b>			
AGBE 2317*; COMM 2377; CRIJ 1301; ECON 2301, 2302; PSYC 2301; SOCI 1301 <b>Choose 1</b>	3		
<b>Component Area Option (Core 90)</b>			
See University Core Requirements below	(6)		
<b>BIOLOGY MAJOR REQUIREMENTS: 51-63 HOURS</b>			
A grade of "C" or better must be earned in all courses required for major.			
<b>UNIVERSITY CORE REQUIREMENTS: 15 HOURS ♦</b>			
<b>CORE 20</b> MATH 1314*, 1316*, or 2412*[3]	3	FPC	
<b>CORE 30</b> BIOL 1406[3] and 1407*[3] or BIOL 1411[3] and 1413[3]	6	FPC	
<b>CORE 90</b> ENGL 1302* Research and Rhetoric OR ENGL 2311* Introduction to Professional and Technical Communication	3	FPC	
<b>CORE 90</b> BIOL 1406L[1] and 1407L[1] OR 1411L[1] and 1413L[1]; and Fourth hour from MATH 2412[1], additional lab hour from Life & Physical Sciences, or IDS 1071	3		
<b>BIOLOGY ELECTIVES: 20-28 HOURS—SEE NOTE</b>			
Take six biology courses (2000, 3000 or 4000 level) of which five must include laboratories.			
BIOLOGY ELECTIVE WITH LAB			
BIOLOGY ELECTIVE WITH LAB			
BIOLOGY ELECTIVE WITH LAB			
BIOLOGY ELECTIVE WITH LAB			
BIOLOGY ELECTIVE WITH LAB			
BIOLOGY ELECTIVE			

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

<b>ADDITIONAL MAJOR REQUIREMENTS: 16-20 HOURS</b>			
CHEM 1411*, 1411L Chemistry I	FPC	4	
CHEM 1412*, 1412L Chemistry II	FPC	4	
GEOL 1403, 1403L Physical Geology AND GEOL 1404, 1404L Historical Geology OR PHYS 1401*, 1401L General Physics I AND PHYS 1402*, 1402L General Physics II	FPC	8	
<b>Take one of the following (if not taken for University Core):</b>			
MATH 1316* Plane Trigonometry MATH 1342 Elementary Statistical Methods MATH 2412* Pre-Calculus MATH 3360* Statistical Methods	FPC	0-4	
<b>ADVANCED ELECTIVES—SEE NOTE</b>			
ADVANCED ELECTIVES (Courses must be at 3000- or 4000-level)			
Additional advanced hours to provide a minimum of 36 hours selected from biology, chemistry, biotechnology, environmental science, geology, mathematics or physics. <b>(NOTE: Advanced hours taken for Biology Electives count towards these 36 hours.)</b>			
<b>BACHELOR OF SCIENCE REQUIREMENTS</b>			
Covered by requirements for major.			<b>OPTION</b>
<b>ELECTIVES—SEE NOTE</b>			
ELECTIVES ♦ As needed to provide a total of 120 hours.			
<b>MINIMUM HOURS REQUIRED TO COMPLETE DEGREE</b>			<b>120</b>

♦ 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: At least 36 hours of advanced work (3000- or 4000-level courses) for which tuition is paid 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. All undergraduate students must request an official degree plan from their academic dean's office by the time they have completed 30 credit hours.**

**WTAMU ADVISING SERVICES**  
**2022-2023 Curriculum Guide**

**Major:** Biology, B.S.

Major Code: 102

First Year <span style="font-weight: normal; font-size: small;">Boldface type indicates major requirements</span>	
Fall	Spring
Semester Hours	Semester Hours

Second Year	
Fall	Spring
Semester Hours	Semester Hours

Third Year	
Fall	Spring
Semester Hours	Semester Hours

Fourth Year	
Fall	Spring
Semester Hours	Semester Hours

**Degree Total Hours 120**

**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 30 hours. Students should always seek the advice of their academic adviser before scheduling classes.

<b>Identified Marketable Skills:</b>
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<b>Top 3 Local Employers or Industries/Professional Programs/Possible Career Opportunities</b>
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<b>Prerequisites/Important Sequences/Other degree Notes:</b>
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