

West Texas A&M University
Advising Services
Degree Checklist
2025-2026

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

Name: _____ WT ID: _____ Date: _____

Biology B.A./B.S.	
Department of Life, Earth and Environmental Sciences (NSB-106) (651-2570)	
Degree: Bachelor of Arts (B.A.) or Bachelor of Science (B.S.) May be either depending on option selected; see the "Requirements for Baccalaureate Degrees" section of the Catalog.	
Major: Biology	BA/BS.BIOL
Major Code: 102	
University Core Curriculum Requirements (42 hours)	Semester Credit Hours
Core 10 - Communication (3 hours from ENGL options) • ENGL 1301 or ENGL 1311	3
Core 10 - Communication (3 hours from COMM options) • COMM 1315; COMM 1318; or COMM 1321	3
Core 20 - Mathematics (3 hours) • See Major-Specific University Core Requirements below	
Core 30 - Life and Physical Sciences (6 hours) • See Major-Specific University Core Requirements below	
Core 40 - Language, Philosophy and Culture (3 hours) • ANTH 2351; ENGL 2321; ENGL 2326; ENGL 2331; ENGL 2341; ENGL 2343; HIST 2311; HIST 2323; HIST 2372; MCOM 1307; PHIL 1301; PHIL 2374; SPAN 2311; SPAN 2312 [or an equivalent course (second year or intermediate level) in a foreign language]; SPAN 2313; SPAN 2315; or SPAN 2371	3
Core 50 - Creative Arts (3 hours) • ARTS 1301; ARTS 1303; ARTS 1304; DANC 2303; MUSI 1306; MUSI 1307; MUSI 1310; or THRE 1310	3
Core 60 - American History (6 hours) • HIST 1301; HIST 1302; HIST 2301; HIST 2381; or HIST 2382	3
Core 70 - Government / Political Science (6 hours) • POSC 2305 and POSC 2306	3
Core 80 - Social and Behavioral Sciences (3 hours) • AGBE 2317; COMM 2377; CRIJ 1301; ECON 2301; ECON 2302; GEOG 1302; PSYC 2301; or SOCI 1301	3
Core 90 - Component Area Option (6 hours or fewer; may depend on major requirements) • See Major-Specific University Core Requirements below	

Biology Major Requirements (51-63 hours)			
***** C or better required in all courses in the Major Requirements *****			
Major-Specific University Core Requirements (15 hours)			
The following courses are required for their specific Core areas <u>instead of</u> the courses listed above in the general University Core Curriculum.			
Core 20 - Mathematics (3 hours) <ul style="list-style-type: none"> MATH 1314 - College Algebra or MATH 1316 - Plane Trigonometry or MATH 2412 - Pre-Calculus Math (Fourth hour of MATH 2412, if taken, will count towards Core 90.)	3		
Core 30 - Life and Physical Sciences (6 hours) <ul style="list-style-type: none"> BIOL 1406 - Basic and Contemporary Biology I and BIOL 1407 - Basic and Contemporary Biology II or <ul style="list-style-type: none"> BIOL 1411 - Botany and BIOL 1413 – Zoology (Lab hours will count towards Core 90.)	3	3	
Core 90 - Component Area Option (6 hours) <ul style="list-style-type: none"> ENGL 1302 - Academic Writing and Research or ENGL 2311 - Introduction to Professional and Technical Communication Lab hours from BIOL 1406/1407 or BIOL 1411/1413 and fourth hour from MATH 2412 (if taken) or from fourth hour of other Core 30 course or from IDS 1071 	3		
	1	1	1
Biology Elective Requirements (20-28 hours)			
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			
Additional Course Requirements (16-20 hours)			
CHEM 1411 - Chemistry I	4		
CHEM 1412 - Chemistry II	4		
One set: GEOL 1403 - Physical Geology and GEOL 1404 - Historical Geology or PHYS 1401 - General Physics I and PHYS 1402 - General Physics II	4,4		
If not taken for University Core 90: MATH 1316 - Plane Trigonometry or MATH 1342 - Elementary Statistical Methods or MATH 2412 - Pre-Calculus Math or MATH 3360 - Statistical Methods	0-4		
Advanced Electives Requirements (See NOTE)			
Additional advanced hours to provide a minimum of 36 hours selected from biology, chemistry, biotechnology, environmental science, geology, geosciences, mathematics or physics. NOTE: Advanced hours taken for Biology Electives count toward these 36 hours.			

B.A./B.S. Requirements (0-12 hours)	
Complete the requirements for your specific degree.	
B.A. Degree In addition to the core curriculum, a minimum of 12 hours as follows: <ul style="list-style-type: none"> • At least six hours of foreign language, and • Six hours chosen from art, communication studies, dance, English, history, media communications, modern languages, music, philosophy, religion, and theatre. 	6 6
or	or
B.S. Degree Requirements are satisfied by the Major Requirements.	0
Electives (See NOTE)	
***** C or better required in all courses in the Major Subject *****	
Electives NOTE: As needed to provide a total of 120 hours, of which at least 36 must be advanced.	
Total hours required to complete degree: 120 hours	
Depending on transfer credits and other substitutions/waivers, student may need to take additional electives as needed to total a minimum of 120 hours or the minimum total hours required for this degree, of which at least 36 must be advanced (3000/4000 level) and earned at WTAMU.	
Prerequisites	
Some courses may require prerequisites. See the University Catalog for more information.	
Advising Notes	
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. In addition, this document is used as an advising resource. For official information, please refer to the University Catalog.	