West Texas A&M University
Advising Services
Degree Checklist
2026-2027
(For assistance completing this form, contact Advising Services at 806-651-5300)

NAME:_____ **WT ID:**_____ **DATE:**_____

Wildlife Biology
Department of Natural Sciences
NSB 106 (806) 651-2940

Bachelor of Science Degree
BS.BIOL.WILDLIFE (141)

CORE CURRICULUM COURSES: 42 HOURS	HRS	
Communication (Core 10)		
ENGL 1301 Intro. to Academic Writing & Argumentation **OR** ENGL 1311 Writing About Ideas	3	
COMM 1315, 1318, or 1321	3	
Mathematics (Core 20)		
See **University Core Requirements** below	(3)	
Life and Physical Sciences (Core 30)		
See **University Core Requirements** below	(6)	
Language, Philosophy and Culture (Core 40)		
ANTH 2351, ENGL 2321*, 2326*, 2331*, 2341*, 2343*; HIST 2311, 2323, 2372; MCOM 1307; PHIL 1301, 2374; SPAN 2311*, 2312*/**, 2313*, 2315*, or 2371 **Choose 1**	3	
Creative Arts (Core 50)		
ARTS 1301, 1303, 1304; DANC 2303; MUSI 1306, 1307 (for music majors), 1310; or THRE 1310 **Choose 1**	3	
American History (Core 60)		
HIST 1301, 1302, 2301, 2381, or 2382 **Choose 2**	6	
Government/Political Science (Core 70)		
POSC 2305 and 2306	6	
Social and Behavioral Sciences (Core 80)		
AGBE 2317*; COMM 2377; CRIJ 1301; ECON 2301, 2302; GEOG 1302; PSYC 2301; SOCI 1301 **Choose 1**	3	
Component Area Option (Core 90)		
See **University Core Requirements** below	(6)	
WILDLIFE BIOLOGY MAJOR REQUIREMENTS: 76-89 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 1411[3] Botany	3	
CORE 30 BIOL 1413[3] Zoology	3	
CORE 90 ENGL 1302* Academic Writing & Research **OR** ENGL 2311* Intro. to Professional & Technical Comm.	3	
CORE 90 BIOL 1411L[1] and 1413L[1]; **and** Fourth hour from MATH 2412[1], fourth hour from other Core 30 course, or IDS 1071	3	
WILDLIFE BIOLOGY: 61-74 HOURS		
BIOL 2374* Wildlife Conservation	3	
BIOL 3374 Wildlife Management	3	
BIOL 3424*, 3424L Wildlife Management Techniques	4	
BIOL 3532*, 3532L Plant Classification	5	
BIOL 4310, 4210L General Ecology	5	
BIOL 4433*, 4433L Ornithology	4	
BIOL 4434*, 4434L Mammalogy	4	

Take seven courses from (three must have labs): BIOL 2420*, 2420L Applied Microbiology **OR** BIOL 2572*, 2572L Microbiology BIOL 3099* Field Biology *(minimum of 3 semester credit hours)* BIOL 3301 Genetics BIOL 3418, 3418L Wildland Soils BIOL 3510, 3510L Entomology BIOL 4098* Internship in Wildlife/Fisheries *(minimum of 3 semester credit hours)* BIOL 4335 Animal Behavior BIOL 4351* Conservation Biology BIOL 4352 Conservation Genetics BIOL 4416, 4416L Introductory Biometry BIOL 4425, 4425L Limnology BIOL 4431, 4431L Ichthyology BIOL 4432*, 4432L Herpetology BIOL 4460, 4460L Arachnology BIOL 4480, 4480L Aquaculture ENVR 4302 Environmental Law ENVR 4305, 4305L Intro. to Geographic Info. Systems PSES 3350, 3350L Rangeland Plants **OR** PSES 3354 Ecology of Rangeland & Agri. Systems **OR** PSES 4302*, 4302L Range/Forage/Wildlife Mgt. **OR** PSES 4352*, 4352L Int. Grazing & Wildlife Habitat Mgmt.	21-30	
OTHER REQUIRED COURSES: 12-16 HOURS		
CHEM 1411*, 1411L Chemistry I	4	
CHEM 1412*, 1412L Chemistry II	4	
GEOL 1403, 1403L Physical Geology **OR** GEOL 1404, 1404L Historical Geology	4	
MATH 1316* Plane Trigonometry **OR** MATH 1342 Elementary Statistical Methods **OR** MATH 2412* Pre-Calculus **OR** MATH 3360* Statistical Methods **(if not taken to satisfy Core 20)**	0-4	
BACHELOR OF SCIENCE REQUIREMENTS **Covered by requirements for major.**		**OPTION**
ELECTIVES: 4-17 HOURS BY ADVISEMENT		
ELECTIVES	4-17	
MINIMUM HOURS REQUIRED TO COMPLETE DEGREE	**120**	

* Indicates prerequisites—see catalog for more information.
** Or an equivalent course (second year, second semester) in a foreign language.

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 – 2026-2027 Curriculum Guide

Major: Wildlife Biology, B.S. **BS.BIOL.WILDLIFE (141)**

Year 1: Fall		Year 1: Spring	
CORE 10 (Communication) – ENGL 1301 or 1311	3	CORE 10 (Communication) – COMM 1315, 1318 or 1321	3
CORE 20 (Mathematics) – MATH 1314, 1316 or 2412	3-4	CORE 30 (Life & Phys. Sci.) – BIOL 1411 Bot. or BIOL 1413 Zool.	3
CORE 30 (Life & Phys. Sci.) – BIOL 1411 Bot. or BIOL 1413 Zool.	3	CORE 90 (Component Area Option) – BIOL 1411L **or** 1413L	1
CORE 90 (Component Area Option) – BIOL 1411L **or** 1413L	1	CORE 90 (Comp. Area Option) – ENGL 1302 **or** 2311	3
CORE 90 (Component Area Option) – IDS 1071	1	MATH 1316 Plane Trig **or** MATH 1342 Elem States **or** 2412 Pre-Calc **or** MATH 3360 Statistical Methods (if not taken for core 20)	0-4
BIOL 2374 Wildlife Conservation	3		
Total:	14-15	Total:	10-14
Year 2: Fall		**Year 2: Spring**	
CORE 60 (American History) – See checklist for options[1]	3	CORE 60 (American History) – See checklist for options[1]	3
BIOL 3532/3532L Plant Classification	5	CORE 70 (Govt/Political Science) – POSC 2305	3
CHEM 1411/1411L Chemistry I	4	BIOL 3374 Wildlife Management	3
GEOL 1403/1403L Phys. Geo. **or** GEOL 1404/1404L Hist. Geo.	4	CHEM 1412/1412L Chemistry II	4
		Wildlife Biology Electives[2] – (Pick 7 – 3 w/labs) – Choose 1st (see checklist or [2] below)	3-4
Total:	16	Total:	16-17
Year 3: Fall		**Year 3: Spring**	
CORE 50 (Creative Arts) – See checklist for options[1]	3	CORE 40 (Lang., Phil. & Culture) – See checklist for options[1]	3
BIOL 4310/4210L General Ecology	5	CORE 70 (Govt/Political Science) – POSC 2306	3
Wildlife Biology Electives[2] – (Pick 7 – 3 w/labs) – Choose 2nd (see checklist or [2] below)	3-4	Wildlife Biology Electives[2] – (Pick 7 – 3 w/labs) – Choose 4th (see checklist or [2] below)	3-4
Wildlife Biology Electives[2] – (Pick 7 – 3 w/labs) – Choose 3rd (see checklist or [2] below)	3-4	Wildlife Biology Electives[2] – (Pick 7 – 3 w/labs) – Choose 5th (see checklist or [2] below)	3-4
Total:	14-16	Total:	12-14
Year 4: Fall		**Year 4: Spring**	
CORE 80 (Social & Behav. Sci) – See checklist for options[1]	3	BIOL 3424/3424L Wildlife Management Techniques	4
BIOL 4434/4434L Mammalogy	4	BIOL 4433/4433L Ornithology	4
Wildlife Biology Electives[2] – (Pick 7 – 3 w/labs) – Choose 7th (see checklist or [2] below)	4-5	Wildlife Biology Electives[2] – (Pick 7 – 3 w/labs) – Choose 7th (see checklist or [2] below)	3
Electives (as needed to total 120 hours overall)	3	Electives (as needed to total 120 hours overall)	0-3
Total:	14-15	Total:	11+

[1] **CORE:** Wildlife Biology majors are required to take specific courses for Core 20, Core 30, and Core 90. For all other categories, they may select from any available options (see degree checklist). Apart from the major-specific core requirements, there is no set order in which core courses must be taken.

[2] **Wildlife Biology Electives:** Choose 7 total from the following list, three of the 7 classes chosen must have a lab: BIOL 2420 or 2572, BIOL 3309, BIOL 3301, BIOL 3418, BIOL 3510, BIOL 4098 (3 hrs min.), BIOL 4335, BIOL 4351, BIOL 4416, BIOL 4425, BIOL 4431, BIOL 4432, BIOL 4460, BIOL 4480, ENVR 4302, ENVR 4305, or one class from PSES 3350 or 3354 or 4302 or 4352.

Identified Marketable Skills	Top Three Local Employers or Industries/Professional Programs/Possible Career Opportunities

Additional notes:

- 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. Some majors specify particular courses to meet core curriculum requirements when options are available.
- 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.

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.