

**West Texas A&M University
Advising Services
Degree Checklist
2020-2021**

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

NAME: _____ WT ID: _____ DATE: _____

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

CORE CURRICULUM COURSES: 42 HOURS ♦		HRS
Communication (Core 10)		
ENGL 1301 Introduction to Academic Writing and Argumentation	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 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; PSYC 2301; SOCI 1301 Choose 1	3	
Component Area Option (Core 90)		
See University Core Requirements below	(6)	
WILDLIFE BIOLOGY MAJOR REQUIREMENTS: 75-86 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* Research and Rhetoric OR ENGL 2311* Introduction to Professional and Technical Communication	3	
CORE 90 BIOL 1411L[1], BIOL 1413L[1] and and Fourth hour from MATH 2412[1], additional lab hour from Life & Physical Sciences, or IDS 1071	3	
WILDLIFE BIOLOGY: 48-55 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 4510, 4510L General Ecology	5	
BIOL 4433, 4433L Ornithology	4	
BIOL 4434, 4434L Mammalogy	4	

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

Take three courses from (include all labs): BIOL 3301 Genetics BIOL 3418, 3418L Wildland Soils BIOL 4098* Internship in Wildlife/Fisheries (minimum of 3 semester credit hours) BIOL 4335 Animal Behavior BIOL 4351* Conservation Biology BIOL 4416, 4416L Introductory Biometry BIOL 4480, 4480L Aquaculture ENVR 4302 Environmental Law	9-12	
Take three courses from (include all labs): BIOL 2572*, 2572L Microbiology BIOL 3099* Field Biology (minimum of 3 semester credit hours) BIOL 3510, 3510L Entomology BIOL 4425, 4425L Limnology BIOL 4431, 4431L Ichthyology BIOL 4432, 4432L Herpetology BIOL 4460*, 4460L Arachnology	11-15	
OTHER REQUIRED COURSES: 12-16 HOURS		
CHEM 1411*, 1411L Chemistry I	4	
CHEM 1412*, 1412L Chemistry II	4	
GEOL 1403, 1403L Physical Geology	4	
MATH 1316* Plane Trigonometry OR MATH 2412* Pre-Calculus (if not taken to satisfy Core 20)	0-4	
BACHELOR OF SCIENCE REQUIREMENTS		OPTION
Covered by requirements for major.		
ELECTIVES: 7-18 HOURS BY ADVISEMENT—SEE NOTE		
ELECTIVES ♦	7-18	
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. Some majors specify particular courses to meet core curriculum requirements when options are available.

* Indicates prerequisites—see catalog for more information.

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

*** Additional hours may be required for bachelor of arts option (120-124 total hours compared to 120 for a bachelor of science).

NOTE: 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. Additional advanced hours to provide a minimum of 39 hours should be selected from biology, chemistry, environmental science, geology, mathematics, or physics. 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. Upon completing 30 credit hours, students must request an official degree plan (using the online [Degree Plan Request](#) form) in order to progress. Students who have questions about their degree plan should contact the office of the dean of the Paul Engler College of Agriculture and Natural Sciences, which is located in the Happy State Bank Academic & Research Building, Suite 262 (phone 806-651-3570).

WTAMU ADVISING SERVICES

2020-2021 Curriculum Guide

Major: Wildlife Biology, B.S.

Major Code: 141

First Year Boldface type indicates major requirements.																																							
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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.

Identified Marketable Skills:

Top 3 Local Employers or Industries/Professional Programs/Possible Career Opportunities

Prerequisites/Important Sequences/Other degree Notes:

Note 1 - CORE: Wildlife Biology majors are required to take specific courses for Core 20, Core 30, and Core 90. For all other core 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.

Note 2 - BIOL Requirement: Choose from BIOL 3301, 3418, 4098 (minimum of 3 hours), 4335, 4351, 4416, 4480, or ENVR 4302.

Note 3 - BIOL Requirement: Choose from BIOL 2572, 3099 (minimum of 3 hours), 3510, 4425, 4431, 4432, or 4460.