

WTAMU ADVISING SERVICES – 2025-2026 Curriculum Guide

Major: Wildlife Biology, B.S.

Major Code: 141

Year 1: Fall		Year 1: Spring	
CORE 10 (Communication) – ENGL 1301 or 1311	3	CORE 30 (Life & Phys. Sci.) – BIOL 1411/1411L Botany or BIOL 1413/1413L Zoology	4
CORE 20 (Mathematics) – MATH 1314, 1316 or 2412	3-4	CORE 90 (Comp. Area Option) – ENGL 1302 or 2311	3
CORE 90 (Component Area Option) – IDS 1071	1	MATH 1316 Plane Trig or 2412 Pre-Calc or MATH 1342 Elem Stats or MATH 3360 Statistical Methods (if not taken for core 20)	3-4
CORE 30 (Life & Phys. Sci.) – BIOL 1413 Zoology or BIOL 1411 Botany	3	CORE 10 – COMM See checklist for options ¹	3
CORE 90 (Component Area Option) – BIOL 1413L or 1411L	1		
BIOL 2374 Wildlife Conservation	3		
Total:	14-15	Total:	13-14
Year 2: Fall		Year 2: Spring	
CHEM 1411/1411L Chemistry I	4	Wildlife Biology Electives – (Pick 6 – 3 with labs) – Choose 1 st (see checklist or ² below)	3-4 4
GEOL 1403/1403L Physical Geology or GEOL 1404/1404L Historical Geology	4	CHEM 1412/1412L Chemistry II	3
BIOL 3532/3532L Plant Classification	5	BIOL 3374 Wildlife Management	3
CORE 60 – See checklist for options ¹	3	CORE 60 – See checklist for options ¹	3
		CORE 70 – POSC 2305	
Total:	16	Total:	16-17
Year 3: Fall		Year 3: Spring	
BIOL 4310 General Ecology	3	Wildlife Biology Electives – (Pick 6 – 3 with labs) – Choose 4 th (see checklist or ² below)	3-4
BIOL 4210L General Ecology Lab	2	Wildlife Biology Electives – (Pick 6 – 3 with labs) – Choose 5 th (see checklist or ² below)	3-4
Wildlife Biology Electives – (Pick 6 – 3 with labs) – Choose 2 nd (see checklist or ² below)	3-4	CORE 40 – See checklist for options ¹	3
Wildlife Biology Electives – (Pick 6 – 3 with labs) – Choose 3 rd (see checklist or ² below)	3-4	CORE 70 – POSC 2306	3
CORE 50 – See checklist for options ¹	3		
Total:	14-16	Total:	12-14
Year 4: Fall		Year 4: Spring	
BIOL 4434/4434L Mammalogy	4	BIOL 4433/4433L Ornithology	4
Wildlife Biology Electives – (Pick 6 – 3 with labs) – Choose 6 th (see checklist or ² below)	4-5	BIOL 3424/3424L Wildlife Management Techniques	4
CORE 80 – See checklist for options ¹	3	Electives – as needed to total 120 hours overall	3+
Electives – as needed to total 120 hours overall	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 6 total from the following list, three of the 6 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.