

BACHELOR OF SCIENCE (B.S.) MAJOR IN WILDLIFE BIOLOGY

**Minimum required: 127
semester credit hours**

General Requirements

1. The general education core curriculum courses are listed in the degree plan below along with the statewide component code number. See the General Education Core Curriculum (<http://mycatalog.txstate.edu/undergraduate/general-education-core-curriculum>) section of this catalog for the Texas State requirements and options in the core curriculum, including Honors courses.
2. Majors must complete a minimum of 36 advanced hours (3000 or 4000 level courses).
3. The minimum number of hours required for this degree program is 127. The number of elective hours a student will complete depends on the number of hours a student may need to achieve the required 127 total or 36 advanced hours.
4. Nine semester credit hours must be writing intensive (WI).
5. If two years of the same foreign language were taken in high school, then no additional language hours will be required. In the absence of such high school language, two semesters of the same modern language must be taken at the college level.
6. This Bachelor of Science degree plan includes courses in preparation for The Wildlife Society certification as a Wildlife Biologist, but does not require a minor.
7. For transfer students, 24 semester credit hours in biology, chemistry and physics (or their equivalents) may be transferred from a Texas public institution of higher education for the Biology Field of Study and be applied to the Bachelor of Science degree with a major in Wildlife Biology at Texas State University. More information about the Field of Study (<http://mycatalog.txstate.edu/undergraduate/general-information/academic-policies/texas-legislative-requirements>) is available in the Academic Policies section of this catalog. The transferable Texas Common Course Number (TCCN) is listed below the Texas State University course number in the following course list.

Code	Title	Hours
BIO 1330	Functional Biology	3
TCCN: BIOL 1306		
BIO 1130	Functional Biology Laboratory	1
TCCN: BIOL 1106		
BIO 1331	Organismal Biology	3
TCCN: BIOL 1307		
BIO 1131	Organismal Biology Laboratory	1
TCCN: BIOL 1107		
CHEM 1341	General Chemistry I	3
TCCN: CHEM 1311		
CHEM 1141	General Chemistry Laboratory I	1
TCCN: CHEM 1111		
CHEM 1342	General Chemistry II	3
TCCN: CHEM 1312		
CHEM 1142	General Chemistry Laboratory II	1
TCCN: CHEM 1112		

CHEM 2341	Organic Chemistry I	3
TCCN: CHEM 2323		
CHEM 2141	Organic Chemistry Laboratory I	1
TCCN: CHEM 2123		
PHYS 1315	General Physics I	3
TCCN: PHYS 1301		
PHYS 1115	General Physics I Laboratory	1
TCCN: PHYS 1101		
Total Hours		24

Course Requirements

				Freshman
First Semester	Hours	Second Semester	Hours	
BIO 1330 (Life & Physical Sciences Component Code 030)	3	BIO 1331 (Life & Physical Sciences Component Code 030)	3	
BIO 1130	1	BIO 1131	1	
CHEM 1141	1	CHEM 1142	1	
CHEM 1341	3	CHEM 1342	3	
US 1100	1	ENG 1320 (Communication Component Code 010)	3	
ENG 1310 (Communication Component Code 010)	3	HIST 1310 (American History Component Code 060)	3	
POSI 2310 (Government/Political Science Component Code 070)	3			
		15	14	

				Sophomore
First Semester	Hours	Second Semester	Hours	
BIO 2450	4	BIO 2411	4	
CHEM 2130	1	PHYS 1315 & PHYS 111	4	
CHEM 2330	3	MATH 2328	3	
MATH 2321 (Mathematical Component Code 020)	3	ENG (Literature Component Area Option Code 090/094)	3	

ART 2313, DAN 2313, MU 2313, or TH 2313 (Creative Arts Component Code 050)	3 POSI 2320 (Government/ Political Science Component Code 070)	3
HIST 1320 (American History Component Code 060)	3	
	17	17

- ² Choose one Advanced Physiology course from: BIO 3421 (Fall or Spring), BIO 4455 (Fall), or BIO 4441 (Spring).
- ³ Choose one Advanced Biology elective from: BIO 4421 (Spring) or BIO 4418 (Summer I) or BIO 4350I (Fall).
- ⁴ Choose two Advanced Biology electives from: BIO 4420 (Summer I), BIO 4422 (Fall), BIO 4434 (Spring) or BIO 4324 (Summer I).
- ⁵ Choose one course from: BIO 4304 (Fall), BIO 4350M (Fall), or BIO 4350U (Spring) or BIO 4331 (Fall).
- ⁶ BIO 4350U may satisfy only one degree course requirement.

First Semester	Hours	Second Semester	Hours	Summer	Junior Hours
BIO 2410		4 BIO Advanced Physiology ²		4 Summer I:	
BIO Advanced Elective ¹		4 BIO Advanced Electives ¹		4 PHIL 1305 or 1320 (Language, Philosophy & Culture Component Code 040)	3
BIO 4416		4 BIO Advanced Electives ³		3 Social & Behavioral Sciences Component Code 080	3
COMM 131C (Component Area Option 090/091)		3 ENG 3303		3 Summer II:	
				BIO Advanced Electives ⁴	4
	15		14		10

First Semester	Hours	Second Semester	Hours	Senior
BIO 4304 ⁵		3 BIO 4301		3
BIO Advanced Electives ⁴		4 BIO 4425		4
BIO 4423		4 BIO 4435		4
		BIO 4319 or 4350U ⁶		3
	11		14	

Total Hours: 127

¹ Choose two Advanced Biology electives from: BIO 3406 (Fall or Spring), BIO 3461 (Spring), BIO 4400 (Fall or Spring), BIO 4410 (Fall/Summer I) or BIO 4454 (Spring).