



This is not an official degree audit and it is subject to change. This chart is intended to be used by students who start out at Texas State. Please contact the College of Science Undergraduate Advising Center for advising.

**Note:** In addition to major courses, students must also complete all core and minor requirements (if applicable) and any other requirements for graduation.

**KEY:**  
Arrows indicate prerequisites.  
Arrows with dotted lines indicate co-requisites.  
Arrows with dash lines are recommended prerequisites.  
Courses taught specific semesters are indicated with the following codes:  
F-Fall Su-Summer Session I or II  
S-Spring  
Required WI courses: BIO 4416, 4423, ENG 3303  
Additional WI courses: BIO 4420, 4441, 4454, 4472

**Core courses must be completed:**  
— 6 credits Core 010 TXST options: ENG 1310, ENG 1320, ENG 1321, ENG 3303, COMM 1310  
— 3 credits Core 020 WLD required course: MATH 2321 or 2471  
— 6 credits Core 030 WLD required course: CHEM 1341/1141, 1342/1142, BIO 1330, 1331, PHYS 1315 or 1335 or 1430  
— 3 credits Core 040 TXST options: PHIL 1305 or 1320 preferred (contact advising if you completed a different 040)  
— 3 credits Core 050 TXST options: ART 2313, DAN 2313, MU 2313, TH 2313  
— 6 credits Core 060 TXST options:[HIST 1310/2327/2381] and [HIST 1320/2328/2382]  
— 6 credits Core 070 TXST options: POST 2310 & POSI 2320  
— 3 credits Core 080 TXST options: ANTH 1312, ECO 2301 or 2314, GEO 1310, PSY 1300, SOCI 1310, CA 2351, or PFW 1301  
— 6 credits Core 090, 091, 092, 093, and 094 See catalog for options: <http://mycatalog.txstate.edu/undergraduate/general-education-core-curriculum/>

US 1100 may be required for some students. Consult with an advisor regarding course choices.

# Elective Options for Wildlife Biology

## One Advanced Vertebrate Electives: Group I

- BIO 4350I Bird Conservation & Management (F)
- BIO 4418 Field Ornithology (Su)
- BIO 4420 Natural History of the Vertebrates (F,S)
- BIO 4421 Ornithology (S)
- BIO 4422 Mammalogy (F,S)
- BIO 4434 Herpetology (Su, S)
- BIO 4436 Tropical Biology (Su as Study Abroad)

*(check prerequisites)*

## Two Advanced Vertebrate Electives: Group II

- BIO 4324 Natural History and Conservation of Large Mammals (Su as Study Abroad)
- BIO 4338 Tropical Ecology & Conservation (Su as Study Abroad)
- BIO 4350I Bird Conservation and Management (F)
- BIO 4351Q International Ecology & Conservation of Wildlife (Su as Study Abroad)
- BIO 4418 Field Ornithology (Su)
- BIO 4420 Natural History of the Vertebrates (F,S)
- BIO 4421 Ornithology (S)
- BIO 4422 Mammalogy (F,S)
- BIO 4434 Herpetology (S)
- BIO 4436 Tropical Biology (Su as Study Abroad)
- BIO 4472 – Animal Behavior (F)

*(check prerequisites)*

## Two Advanced Botany electives:

- BIO 3406 – Economic Botany (F,S)
- BIO 3461- Plant Taxonomy (S)
- BIO 4351P International Ecology Conservation of Plants (Su as Study Abroad)
- BIO 4351F – Marine Ecology & Conservation
- BIO 4410 - Field Bio of Plants (F)
- BIO 4429 – Wetlands Plant Ecology & Management (S)
- BIO 4454 – Plant Ecology (S)

*(check prerequisites)*

## One Conservation elective:

- BIO 4319 Conservation of Biological Resources (S)  
*(coreq BIO 4416)*
- BIO 4307 Ecology of Rarity (S)*(Note: BIO 4307 can only be used to satisfy one degree requirement.)*
- BIO 4351P Ecology Conservation Abroad (Su as Study Abroad)
- BIO 4351Q Ecology Conservation Abroad Lab (Su as Study Abroad)

*(check prerequisites)*

## One Advanced Policy elective:

- BIO 4304 Wildlife & Recreation Management (S, Su as Study Abroad)
- BIO 4350M Wildlife Law (F)
- BIO 4307 Ecology of Rarity (S)
- BIO 4331 Human Dimensions of Wildlife and Fisheries (F)

*(check prerequisites)*

## One Advanced Physiology elective:

- BIO 3421 – Vertebrate Physiology (S)
- BIO 4343 – Fish Physiology (S)
- BIO 4350J – Environmental Physiology of Animals (F)
- BIO 4455 – Plant Physiology (F)

*(check prerequisites)*