This Bachelor of Science degree plan may include courses in preparation for The Wildlife Society (WLD) certification as an Associate Wildlife Biologist, and it does not require a minor.

**Core Courses:**
- MATH 2321 (F,S) Calculus for Life Sciences I
- CHEM 1341 or 1141
- BIO 1330
- MATH 2322 (F,S) Calculus for Life Sciences II
- CHEM 1342 or 1142
- BIO 1130
- MATH 2323 (F,S) Calculus for Life Sciences III
- CHEM 1330 or 1130
- BIOL 1306 or 1106

**Required WI Courses:**
- BIO 4416 (F,S) Wildlife Management
- BIO 4301 (F,S) Evolution
- BIO 4425 (F,S) Biometry
- BIO 4435 (F,S) Techniques in Wildlife Management

**Additional WI Courses:**
- BIO 4420, 4441, 4442, 4443, 4444, 4445
- BIO 4421, 4422, 4423, 4424
- BIO 4425 (F,S) Biometry

**Check Prerequisites:**
- BIO 1310, 1320, 1330, 1340, 1359, 1360 or 1371
- ENG 2310, 2320, 2330, 2340, 2359, 2360 or 2371

**Core Courses must be completed:**
- 6 credits Core 010
- 6 credits Core 020
- 6 credits Core 030
- 6 credits Core 040
- 8 credits Core 050
- 6 credits Core 060
- 6 credits Core 070
- 3 credits Core 080
- 6 credits Core 090, 091, 092, or 094

**Additional WI Courses:**
- BIO 4416, 4423, ENG 3303
- BIO 4420, 4441, 4454, 4472

**Additional WI Courses:**
- BIO 4416, 4441, 4454, 4472

**Check MATH prerequisites:**

**See catalog for options:**
http://mycatalog.txstate.edu/undergraduate/general-education-core-curriculum/
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 4400 – Plants Important for Wildlife (F)
- 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)*