

The following courses are for the major requirements and are offered in no particular order. Please consult with your advisor for scheduling sequence.

<u>COURSE</u>	<u>USP</u>	<u>CREDITS</u>	<u>PREREQUISITES</u>
<input type="checkbox"/> MATH 1450 Algebra and Trigonometry (MATH 1450 can be completed with MATH 1400 and MATH 1405)	QA	5.0	C in MATH 0925 or Level 3 Math Placement or Math ACT23,SAT600
<input type="checkbox"/> MATH 2200 Calculus I	QB	4.0	C in MATH 1405or1450 Or level 5 on Math Placement or Math ACT 27,SAT 600
<input type="checkbox"/> or MATH 2350 Business Calculus	QB	4.0	C in MATH 1400 or level 4 on Math Placement or Math ACT 26 or SAT 600
<input type="checkbox"/> STAT 2050 Fundamentals of Statistics	QB	4.0	C in MATH 1000, 1400 or equiv
<input type="checkbox"/> COSC 1200 Computer Information Systems		3.0	level 2 Math Placement
<input type="checkbox"/> CHEM 1020 General Chemistry I	SP	4.0	Math ACT 23 or concur MATH 1400, or 1405 or 1450
<input type="checkbox"/> CHEM 1030 General Chemistry II	SP	4.0	CHEM 1020
<input type="checkbox"/> LIFE 1010 General Biology	SB	4.0	C in MATH 0921 or Level 2 on Math Placement or Math ACT 21, SAT 600
<input type="checkbox"/> LIFE 2022 Animal Biology (spring)		4.0	C in LIFE 1010
<input type="checkbox"/> LIFE 3050 Genetics		4.0	LIFE 1010 & 1 of LIFE 2022, 2023 or MICR/MOLB 2021 w/C in ea.
<input type="checkbox"/> LIFE 3400 General Ecology		3.0	LIFE 1010 & one of LIFE 2022, 2023 or MICR/MOLB 2021 w/grade of C
<input type="checkbox"/> LIFE 3410 Introduction to Field Ecology (F)		2.0	LIFE 3400 Concur or Consent
<input type="checkbox"/> LIFE 2023 Biology of Plants and Fungi (F) <i>LIFE 2023 Required for Certification in Terrestrial Option Only</i>		4.0	C in LIFE 1010
<input type="checkbox"/> ZOO 2450 Principles of Fish & Wildlife Mgmt (S)		3.0	LIFE 1010 & 2022
<input type="checkbox"/> ZOO 4100 Writing in Zoology	WC, L	3.0	WA, WB & prior or concur reg for upper division ZOO, BOT, LIFE/BIOL course
<input type="checkbox"/> ZOO 4190 Comparative Environmental Physiology (S)		4.0	LIFE 2022 & 1 yr CHEM
<input type="checkbox"/> ZOO 4400 Population Ecology (S)		3.0	LIFE 1010, 2400 & STAT 2050 or Consent
<input type="checkbox"/> ZOO 4970 Internship in Wildlife Management (F)		1.0 (max1)	Consent
Choose One of the Following Three:			
<input type="checkbox"/> PHYS 1110 General Physics I (fall)	SP	4.0	MATH 1450, 1405
<input type="checkbox"/> GEOL 1100 Physical Geology	SE	4.0	none
<input type="checkbox"/> SOIL 2010 Introduction to Soil Science	SE	4.0	none

Specialty Courses (a minimum of 23 credit hours required)

Terrestrial Option:

Required:

- | | | |
|---|-----|----------------------|
| <input type="checkbox"/> BOT 4700 Vegetation Ecology (F) | 4.0 | LIFE 2400 or Consent |
| <input type="checkbox"/> ZOO 4300 Wildlife Ecology and Management (F) | 5.0 | LIFE 2400 |

Recommended:

- | | | |
|---|-----|--|
| <input type="checkbox"/> ZOO 4350 Ornithology (S)
<i>ZOO 4350 Required for Certification</i> | 3.0 | LIFE 2022 |
| <input type="checkbox"/> ZOO 4370 Mammalogy (F)
<i>ZOO 4370 Required for Certification</i> | 3.0 | LIFE 2022 |
| <input type="checkbox"/> ZOO/BOT 4420 Conservation Biology | 3.0 | LIFE 3400 and one of
ENR 3500, STAT 2050,
or STAT 2070 |

2 courses in BOT and/or REWM (5-6 credits)/Required for Certification:

- | | | | |
|--|-------|-------|-------|
| <input type="checkbox"/> Course: _____ | _____ | _____ | _____ |
| <input type="checkbox"/> Course: _____ | _____ | _____ | _____ |

1 course in Aquatic Biology from Aquatic Option list (3-4 credits), see list below:

- | | | | |
|---|--------|-------|-------------------|
| <input type="checkbox"/> Course: _____ | _____ | _____ | _____ |
| <input type="checkbox"/> BOT/GEOG 4040 Conservation of Natural Resources | CS | 3.0 | 6 hrs GEOG or ENR |
| <input type="checkbox"/> or ENR 4000 Approaches to Envir & Nat Res Prob-Solv | CS, WB | 3.0 | WA |
| <i>BOT 4040 or ENR 4000 Required for Certification/meets 'Human Dimensions' requirement</i> | | | |

Aquatic Option:

Required:

- | | | |
|--|-----|---|
| <input type="checkbox"/> ZOO 4330 Ichthyology (S) | 3.0 | LIFE 2022 |
| <input type="checkbox"/> ZOO 4430 Limnology Laboratory (F) | 2.0 | ZOO 4440 Concur or
Consent |
| <input type="checkbox"/> ZOO 4440 Limnology (F) | 3.0 | LIFE 1010, 2400 & one
year of CHEM or
Consent |

Recommended:

- | | | |
|--|-----|-----------------------------|
| <input type="checkbox"/> ZOO 4310 Fisheries Management (F)
<i>ZOO 4310 Required for Certification</i> | 3.0 | ZOO 4330 or Consent |
| <input type="checkbox"/> CHEM 2230 Quantitative Analysis (S) | 4.0 | CHEM 1030, 1060 or
equiv |
| <input type="checkbox"/> ZOO 4540 Invertebrate Zoology (F) | 4.0 | LIFE 2022 |

1 course in Terrestrial Zoology from Terrestrial Option list, see list above:

- | | | | |
|--|-------|-------|-------|
| <input type="checkbox"/> Course: _____ | _____ | _____ | _____ |
|--|-------|-------|-------|

- | | | | |
|---|--------|-----|-------------------|
| <input type="checkbox"/> BOT/GEOG 4040 Conservation of Natural Resources | CS | 3.0 | 6 hrs GEOG or ENR |
| <input type="checkbox"/> or ENR 4000 Approaches to Envir & Nat Res Prob-Solv | CS, WB | 3.0 | WA |
| <i>BOT 4040 or ENR 4000 Required for Certification/meets 'Human Dimensions' requirement</i> | | | |

Credit hour requirements:

- A total of 128 credit hours must be completed.
- A minimum of 42 credit hours at a grade of C or better must be completed in the major courses.