

# Fisheries and Wildlife Major Requirements

2017-2018 Required Courses (120 credit hours)

UNL College of Agricultural Sciences and Natural Resources

Bolded **credit hours** indicate the number of credits needed for that subject area.  
Subject areas may have multiple classes to choose from to fulfill that requirement.

## CASNR REQUIRED COURSES

### CASNR INTEGRATED COURSE **3 credit hours**

SCIL 101 Science and Decision-Making for a Complex World	3
<i>NOTE: This course will be waived for students entering the major with &gt; 15 credits.</i>	

### MATH AND STATISTICS

#### Mathematics (ACE 3) **3-5 credit hours**

MATH 104 Applied Calculus	3
MATH 106 Calculus I	5

#### Statistics **3 credit hours**

STAT 218 Introduction to Statistics	3
STAT 380 Statistics & Applications (NOTE: STAT 380 requires MATH 107)	3

### COMMUNICATIONS

#### Written Communication (ACE 1) **3 credit hours**

ENGL 150, ENGL 151, ENGL 254, JGEN 120, JGEN 200, JGEN 300	3
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#### Oral communication (ACE 2) **3 credit hours**

ALEC 102, COMM 101, COMM 209, COMM 210, COMM 215, COMM 283, COMM 286, JGEN 300, MRKT 257, NRES 260, TMFD 121	3
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#### Communication/Interpersonal Skills Elective **3 credit hours**

ALEC 102, ENGL 150, ENGL 151, ENGL 254, JGEN 120, JGEN 200, JGEN 300, COMM 101, COMM 209, COMM 210, COMM 215, COMM 283, COMM 286, MRKT 257, NRES 260, TFMD 121, MLSC 102 & MLSC 202, MLSC 301	3
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### ECONOMICS, HUMANITIES AND SOCIAL SCIENCES

#### Economics (ACE 6) **3 credit hours**

ECON 200, ECON 211, ECON 212, AECN 141	3
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#### ACE Courses **12 credit hours**

ACE 5 - Humanities	3
ACE 7 - Arts	3
ACE 8 - Civics, Ethics, and Stewardship	3
ACE 9 - Global Diversity	3

### BASIC SCIENCES

#### Chemistry **8 credit hours**

CHEM 105 & CHEM 106 Chemistry in Context I & II	8
CHEM 109 & CHEM 110 General Chemistry I & II	8

## CASNR REQUIRED COURSES

### Biological Sciences **16 credit hours**

LIFE 120 & LIFE 120L Fundamentals of Biology I & Lab	4
LIFE 121 & LIFE 121L Fundamentals of Biology II & Lab	4
AGRO 315 Genetics or BIOS 206 General Genetics	4
Choose one: NRES 220 & NRES 222 Principles of Ecology & Lab (BIOS 220 & BIOS 222) <i>or</i> BIOS 207 Ecology & Evolution	4

### Earth Sciences **3-4 credit hours**

SOIL 153 Soil Resources (AGRO 153/HORT 153)	4
GEOL 100 Introduction to Geology	3
GEOL 101 or GEOL 101H Physical Geology	4
GEOL 106 Environmental Geology	3
GEOL 109 Oceanography	3
<i>NOTE: SOIL 153 is strongly recommended for students in the Habitat Management and Wildlife Ecology and Management options.</i>	

### Physical Sciences **4-5 credit hours**

MSYM 109 Physical Principles in Agriculture & Life Sciences	4
PHYS 141 Elementary General Physics I	5
PHYS 151 Elements of Physics	4
PHYS 211 General Physics I	4
<i>NOTE: MSYM 109 or PHYS 151 are recommended for students only taking one semester of physics.</i>	

## Fisheries and Wildlife Required Courses

### Orientation **1 credit hour**

NRES 101 Natural Resources Orientation	1
<i>NOTE: This course will be waived for students entering the major with &gt; 15 credits.</i>	

### Natural Resource Policy Course **3 credit hours**

AECN 345 Policy Issues in Agriculture & Natural Resources	3
AECN 357 Natural Resource & Environmental Law (NREE 357)	3
CRPL 470 Environmental Planning & Policy	3
NRES 323 Natural Resources Policy	3

### Ecology **6 credit hours**

NRES 311 Wildlife Ecology & Management	3
NRES 315 Human Dimensions of Fish & Wildlife Management	3

Approximately half of the 120 credits needed to earn a degree in Fisheries and Wildlife will come from these required courses. The other half will come from the chosen program option(s) picked by the student.