

# Fisheries and Wildlife Major Requirements

## 2016-2017 Required Courses (120 credit hours)

### UNL College of Agricultural Sciences and Natural Resources

Course numbers in **green** are Metropolitan Community College direct equivalents

#### CASNR Required Courses

##### CASNR INTEGRATED COURSE 3 CREDIT HOURS

SCIL 101 Science and Decision-Making for a Complex World	Waived if transfer with more than 52 credits	3
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##### MATH AND STATISTICS

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

MATH 104 Applied Calculus	MATH 1930	3
MATH 106 Calculus I		5

##### Statistics 3 credit hours

STAT 218 Introduction to Statistics	MATH 1410	3
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##### COMMUNICATIONS

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

ENGL 150, ENGL 151, ENGL 254, JGEN 120, JGEN 200, JGEN 300	ENGL 1010, 1020	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	SPCH 1110 HMRL 1010	3
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##### Communication/Interpersonal Skills Elective 3 credit hours

NRES 260 is strongly recommended - or any other ACE 1 or ACE 2 certified course	Take at UNL	3
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##### ECONOMICS, HUMANITIES AND SOCIAL SCIENCES

ECON 211, ECON 212 or AECN 141 (ACE 6)	ECON 1000 ECON 1100	3
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##### ACE Courses 12 credit hours

ACE 5 - Humanities	ENGL 2450, 2470 HIST 1010, 1020	3
ACE 7 - Arts	ARTS 1110, 1120 MUSC 1010, 1050	3
ACE 8 - Civics, Ethics, and Stewardship	ECON 1000, 1100 PHIL 1010, 1030	3
ACE 9 - Global Diversity	ENGL 2470, 2530 GEOG 1050, 2150 HIST 1110, 1120 PHIL 1030, 2200	3

##### BASIC SCIENCES

##### Biological Sciences 16 credit hours

LIFE 120 & LIFE 120L Fundamentals of Biology I & Lab	BIOS 1111, 1121, & 1130	4
LIFE 121 & LIFE 121L Fundamentals of Biology II & Lab		4
AGRO 315 Genetics or BIOS 206 General Genetics	BIOS 2050	4
NRES 220 & NRES 222 Principles of Ecology & Lab (BIOS 220 & BIOS 222) or BIOS 207 Ecology & Evolution	Take at UNL	4

#### CASNR Required Courses

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

SOIL 153 Soil Resources (AGRO 153/HORT 153) GEOL 100 Introduction to Geology GEOL 101 or GEOL 101H Physical Geology GEOL 106 Environmental Geology GEOL 109 Oceanography	GEOG 1210	3-4
NOTE: SOIL 153 is strongly recommended for students in the Habitat Management and Wildlife Ecology and Management options.		

##### Chemistry 8 credit hours

CHEM 105 & CHEM 106 Chemistry in Context I & II	CHEM 1010, CHEM 106 AT UNL	8
CHEM 109 & CHEM 110 General Chemistry I & II	CHEM 1210/1211 & CHEM 1220	8

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

MSYM 109 Physical Principles in Agriculture & Life Sciences PHYS 141 Elementary General Physics I PHYS 151 Elements of Physics PHYS 211 General Physics I	PHYS 110ABC	4-5
NOTE: MSYM 109 or PHYS 151 are recommended for students only taking one semester of physics.		

#### Fisheries and Wildlife Required Courses

##### Orientation 1 credit hour

NRES 101 Natural Resources Orientation	Waived if transfer with more than 15 credits	1
NOTE: This course will be waived for students entering the major with > 15 credits.		

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

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

##### Ecology 3 credit hours

NRES 311 Wildlife Ecology & Management	Take at UNL	3
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**Note: In addition to these requirements, students must select and meet the requirements of one of the majors options, depending on their needs and interests.**