Imagine a career managing wetland, forest or grassland habitats on public or private lands! You can realize your career goals through our habitat management option.

Make an appointment to learn more about options in our fisheries and wildlife major.

Contact Information
Dr. Mark Pegg
Undergraduate Coordinator
402 Hardin Hall
School of Natural Resources
University of Nebraska
Lincoln, NE 68583-0974
Phone: 402-472-6824
email: mpegg2@unl.edu

Elyse Watson
Recruitment Coordinator
102A Hardin Hall
School of Natural Resources
University of Nebraska
Lincoln, NE 68583-0981
Phone: 402-472-7472
email: elyse.watson@unl.edu

Career Path
Private Lands Biologist, Habitat Specialist, Refuge Manager, Environmental Educator, Research Technician, Invasive Species Biologist, Extension Educator, and Environmental Consultant

Special Emphasis Courses

Internships Available
Our students have enjoyed internships with the Nature Conservancy, the National Park Service, Nebraska Game and Parks Commission, U.S. Fish and Wildlife Service, U.S. Bureau of Land Management and other state and federal agencies and organizations.

COLLEGE OF AGRICULTURAL SCIENCES AND NATURAL RESOURCES
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Fisheries and Wildlife Major Requirements  
HABITAT MANAGEMENT OPTION  
2017-2018 Required Courses  
UNL College of Agricultural Sciences and Natural Resources

**Bolded credit hours** indicate the number of credits needed for that subject area. The classes listed below are the available options for that subject area and how many credit hours each class is worth.

### Required Courses

#### Field/Lab
- **4 credit hours**  
  - NRES 438 Grassland Conservation: Planning & Management  4

#### Zoology
- **4 credit hours**  
  - BIOS 381 Invertebrate Zoology  4
  - NRES 386 Vertebrate Zoology (BIOS 386)  4

#### Career Experience
- **1-3 credit hours**  
  - NRES 399 Independent Research  1-5
  - NRES 496 Independent Study  1-5
  - NRES 497 Career Experiences in Natural Resource Sciences  1-6
  - NRES 499 Thesis Research  3-6
  - NRES 499H Honors Thesis  3-6

#### Animal Course
- **3-4 credit hours**  
  - BIOS 475 Ornithology  3
  - BIOS 487 Field Parasitology  4
  - ENTO 402 & ENTO 402L Aquatic Insects (BIOS 485/NRES 402) & Lab (BIOS 485L/NRES 402L)  3
  - ENTO 411 Field Entomology (BIOS 482)  4
  - NRES 474 Herpetology (BIOS 474)  4
  - NRES 476 Mammalogy (BIOS 476)  4
  - NRES 489 Ichthyology (BIOS 489)  4

#### Plant Identification Course
- **3 credit hours**  
  - HORT 212 Landscape Plants I (LARC 212/NRES 212)  3
  - AGRO 442 Wildland Plants (NRES 442/RNGE 442)  3
  - NRES 426 Invasive Plants (AGRO 426/HORT 426)  3

#### Geographic Information Science (GIS)
- **2-4 credit hours**  
  - NRES 312 Introduction to Geospatial Information Sciences  3
  - NRES 412 Introduction to Geographic Information Systems  4
  - NRES 418 Introduction to Remote Sensing  4
  - NRES 427 Introduction to the Global Positioning System (GPS)  2

#### Grassland Systems
- **3 credit hours**  
  - NRES 245 Introduction to Grassland Ecology & Management (AGRO 245)  3
  - RNGE 440 Great Plains Ecosystem (AGRO 440/NRES 440)  3
  - RNGE 444 Ecosystem Monitoring & Assessment (AGRO 444/NRES 444)  3

#### Forest Systems
- **3-4 credit hours**  
  - NRES 310 Introduction to Forest Management  4
  - NRES 417 Agroforestry Systems in Sustainable Agriculture (HORT 418)  3
  - NRES 424 Forest Ecology  4

#### Aquatic Systems
- **3-4 credit hours**  
  - NRES 459 Limnology (BIOS 459/WATS 459)  4
  - NRES 463 & NRES 463L Fisheries Science & Lab  4

#### Soil Science
- **3 credit hours**  
  - MSYM 354 Soil Conservation & Watershed Management (SOIL 354/WATS 354)  3
  - AGRO 269 Principles of Soil Management (SOIL 269)  3
  - AGRO 477 Great Plains Field Pedology (NRES 477/SOIL 477)  4

#### Production Systems
- **3 credit hours**  
  - AGRO 204 Resource-Efficient Crop Management  3
  - RNGE 240 Forage Crop & Pasture Management (AGRO 240)  3
  - AGRO 435 Agroecology (HORT 435/NRES 435)  3
  - RNGE 340 Range Management & Improvement (AGRO 340)  3

#### Wildlife Focus
- **3-4 credit hours**  
  - NRES 431 Waterfowl Ecology & Management  3
  - NRES 438 Wildlife Damage Management  3
  - NRES 450 Biology of Wildlife Populations (BIOS 450)  4

### Optional Electives
- **15 credit hours**  
  - AECN 265 Resource & Environmental Economics I (NREE 265)  3
  - ENTO 115 Insect Biology (BIOS 115) & ENTO 116 Insect Identification (BIOS 116)  5
  - NRES 270 Biological Invaders (AGRO 270/HORT 270/PLPT 270)  3
  - NRES 348 Wildlife Damage Management  3
  - NRES 428 Leadership in Public Organizations (ALEC 428)  3
  - NRES 434 Environmental Education & Interpretation (ENVR 434)  3
  - NRES 492 International Study Tours in Natural Resource Management  1-3
  - NRES 495 Grasslands Seminar (AGRO 495/ENTO 495/GRAS 495/HORT 495/RNGE 495/SOIL 495)  1-2
  - PHIL 225 Environmental Ethics  3