ANIMAL ECOLOGY MINOR, 2021-2022

Required Courses + Additional Electives

At least 6 credits for the minor must be taken at Iowa State University.

Of the courses taken for the minor, 9 credits must be used only for the minor and not applied towards any other department, college, or university requirement.

They can, however, be used as free electives - additional credits needed to satisfy the minimum credit for graduation.

Courses may not be taken as pass / not pass.

To declare a minor complete the curriculum change form. For help completing the form, view the instructions page.

Questions? Contact Amanda Chung at achung@iastate.edu

15 CREDITS TOTAL

Required

- NREM 120 3cr Introduction to Renewable Resources
- A ECL 312 or NREM 311 4cr (Field) Ecology
- A ECL 365 4cr Vertebrate Biology

Additional Electives

- A ECL 321 3cr Fish Biology
- A ECL 333 2cr Fisheries Techniques
- A ECL 366 3cr Natural History of Iowa Vertebrates
- A ECL 371 or 372X 3cr Ecological Methods
- A ECL 401 1cr Intro. Aquatic Animal Health & Medicine
- A ECL 415 3cr Ecology of Freshwater Invert., Plants & Algae
- A ECL 418 3cr Stream Ecology
- A ECL 425 3cr Aquatic Insects

A ECL 440 3cr Fishery Management
A ECL 442 3cr Aquaculture
A ECL 451 3cr Wildlife Management
A ECL 454 3cr Principles of Wildlife Diseases
A ECL 455 3cr International Wildlife Issues
A ECL 457 (+Lab) 2-3cr Herpetology
A ECL 458 (+Lab) 2-3cr Ornithology
A ECL 459 (+Lab) 2-3cr Mammalogy
A ECL 471 3cr Introduction to Conservation Biology
A ECL 486 (+Lab) 3-4cr Aquatic Ecology
A ECL 516* 3cr Avian Ecology
A ECL 518* 3cr Stream Ecology
A ECL 520* 3cr Fish Ecology
A ECL 551* 3cr Behavioral Ecology
A ECL 570* 3cr Landscape Ecology
A ECL 589* 3cr Population Ecology
BIOL 472 3cr Community Ecology
NREM 270 3cr Foundations to Nat. Res. Policy & History
NREM 305 1-3cr Seminar (repeatable credit)
NREM 315 3cr Wildlife Genetics
NREM 330 3cr Principles of Interpretation
NREM 380 3cr Field Ecology Research & Teaching
NREM 385 3cr Natural Resource Policy
NREM 406X 3cr Wildlife Camp
NREM 446 3cr Integrating GPS & GIS for Nat. Res. Mgmt.
NREM 460 3cr Controversies in Renewable Resource Mgmt.
NREM 490A* 1-4cr Independent Study – A ECL
NREM 496* 1-5cr Travel Course – A ECL
NREM 535* 3cr Restoration Ecology

*Instructor permission required

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