WILDLIFE & FISHERIES BIOLOGY (WFB)

Courses

WFB 232. Ichthyology. 3 Credits.
Biology of fishes. Focus is on form and function, morphology, physiology, behavior, life history, and ecology of modern fishes. Prerequisites: BIOL 001 and BIOL 002, or BCOR 011 and BCOR 012; Junior standing. Alternate years.

WFB 261. Fisheries Management. 3 Credits.
Principles of fisheries management, including population assessment, analytical methods, harvest allocation models, human dimensions, policy and emerging issues. Prerequisites: BIOL 001, BIOL 002, WFB 161.

WFB 271. Wetlands Wildlife. 4 Credits.
Ecology, behavior, and population dynamics of wetland wildlife with emphasis on policy and management for waterfowl in North America. Prerequisites: WFB 174; NR 103 or BCOR 102.

WFB 273. Terrestrial Wildlife. 3 Credits.
Integration of ecological principles, wildlife biology, land use, and human dimensions in wildlife. Emphasis on development and maintenance of terrestrial wildlife habitat, and population regulation of terrestrial species. Prerequisites: WFB 174, and NR 103 or BCOR 102.

WFB 274. Terrestrial Wildlife Lab. 1 Credit.
Laboratory and field experience related to terrestrial species and management of their habitat. Field project required.

WFB 275. Wildlife Behavior. 3 Credits.
Behavior and social organization of game and nongame species as they pertain to population management. Prerequisites: BIOL 001 and BIOL 002, or BCOR 011 and BCOR 012, and NR 103 or BCOR 102.

WFB 279. Marine Ecology & Conservation. 3 Credits.
The science of conservation biology and ecology in marine systems. Topics such as the components and processes of marine ecosystems, fisheries management, endangered species, and marine protected areas will be explored. Prerequisites: NR 103 or BCOR 102; Junior standing.

WFB 283. Terrestrial Wildlife. 4 Credits.
Wildlife ecology with an emphasis on management and conservation of species, populations, and ecosystems. Prerequisite: WFB 174, and NR 103 or BCOR 012.

WFB 311. Ecology of Fishes. 3 Credits.
Structure of fish assemblages, zoogeography, morphology, life history strategies, bioenergetics, competition, predation, and fish effect on ecosystems. Prerequisite: Graduate standing.

WFB 352. Population Dynamics & Modeling. 4 Credits.
Modeling and analysis of animal population dynamics, as influenced by environmental, ecological, and management factors; estimation of population size, density, survivorship, reproduction, and migration. Prerequisite: Graduate standing.

WFB 387. Graduate Special Problems. 1-6 Credits.
Advanced readings or special investigation dealing with a topic beyond the scope of existing formal courses or thesis research, culminating in an acceptable paper.

WFB 388. Graduate Special Problems. 1-3 Credits.
Advanced readings or special investigation dealing with a topic beyond the scope of existing formal courses or thesis research, culminating in an acceptable paper.

WFB 396. Special Topics. 1-18 Credits.
See schedule of courses for specific titles.