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, BIOL 002 or equivalent; 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. 2 Credits.
Breeding biology, behavior, habitat management, and population ecology of wetland wildlife with emphasis on waterfowl. Prerequisites: WFB 174, NR 103.

WFB 272. Wetlands Wildlife Laboratory. 1 Credit.
Laboratory and field assessment of the ecology and management of wetland habitats and their associated wildlife populations. Prerequisite: Previous or concurrent enrollment in WFB 271 or NR 260.

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. Prerequisite: WFB 174.

WFB 274. Terrestrial Wildlife Lab. 1 Credit.
Laboratory and field experience related to terrestrial species and management of their habitat. Field project required. Prerequisite: Previous or concurrent enrollment in WFB 273.

WFB 275. Wildlife Behavior. 3 Credits.
Behavior and social organization of game and nongame species as they pertain to population management. Prerequisites: One year of Biology; an ecology course; WFB 074 or WFB 174 recommended.

WFB 279. Marine Ecology. 3 Credits.
Structure and function of major marine communities, including open ocean, benthos, coral reefs, and estuaries. Emphasis on unique ecological insights gained in the marine environment. Prerequisites: BIOL 001 and BIOL 002, an ecology course, or Instructor permission.

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

WFB 285. Advanced Special Topics. 1-6 Credits.

WFB 311. Ecology of Fishes. 3 Credits.
Structure of fish assemblages, zoogeography, morphology, life history strategies, bioenergetics, competition, predation, and fish effect on ecosystems. Prerequisites: Graduate standing or Instructor permission; NR 140 or STAT 201; an ecology course.

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: NR 140 or STAT 211; an ecology course.

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. Prerequisite: Instructor Permission.

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. Prerequisite: Instructor Permission.