**Wildlife**

**LOWER DIVISION**

WLDF 111. Introduction to Wildlife [1]. Introduction to the scope of the wildlife management & conservation fields: animals involved, founding scientific principles, current issues, career paths and guest speakers. [CR/NC. Rep.]


**UPPER DIVISION**

In all classes, weekend trips may substitute for some scheduled labs, lectures, or discussions. Labs may begin before B.D.D. at M. and last more than three hours, allowing for travel.

WLDF 300B. Wildlife Ecology & Management [3]. Important wildlife habitats and their characteristic plants/animals. Identification, life histories, and ecology of important species. Scientific principles upon which field is founded. [Prereq: lower division science GE. BUD for non-majors; may not count for credit by majors.]

WLDF 301. Principles of Wildlife Management [3]. Plant/animal ecology; population dynamics; philosophy. [Prereq: MATH 101T or MATH 102; WLDF 210 or ESM 105; BIOL 105 or BOT 105 or ZOOL 110. Weekly: 2 hrs lect, 1 hr disc/quiz; or 3 hrs lab; BUD.]


WLDF 311. Wildlife Techniques [4]. Management and research techniques. [Prereq: WLDF 244, WLDF 301, STAT 109 or equivalent; or IA. Weekly: 2 hrs lect, 1 hr disc, 3 hrs lab.]

WLDF 365. Ornithology [3]. Classification, life histories, ecology, behavior; and special adaptations of birds. Identification in field and lab. [Prereq: BIOL 105 and ZOOL 110, or their equivalents. Weekly: 2 hrs lect, 3 hrs lab.]

WLDF 420. Wildlife Management [Waterfowl] [3]. Life histories, ecology, behavior; management of waterfowl and allied species. [Prereq: WLDF 311; WLDF 365. Weekly: 2 hrs lect, 3 hrs lab.]


WLDF 422. Wildlife Management [Mammals] [3]. Life histories, ecology, management. [Prereq: WLDF 311, ZOOL 356, or IA. Weekly: 2 hrs lect, 3 hrs lab.]


WLDF 426. Field Trip [1-3]. Group tour of important wildlife management developments and/or wildlife and their habitats. [Prereq: WLDF 311 or IA.]


WLDF 450. Principles of Wildlife Diseases [3]. Role of disease in wildlife populations; host/parasite relationships; strategies in controlling diseases. [Prereq: BIOL 105, WLDF 301, ZOOL 110; or their equivalents. Weekly: 2 hrs lect, 3 hrs lab.]

WLDF 460. Conservation Biology [3]. Endangered species management, reserve design, conservation genetics, related concepts. [Prereq: WLDF 301 [BIOL 330 may substitute]; or IA.]


WLDF 468. Spatial Wildlife Ecology [3]. Methods and theory for studying spatial wildlife relationships; home range analysis; habitat selection and distribution models; corridor modeling and connectivity. [Prereq: WLDF 311, and GSP 270, or IA. Weekly: 2 hrs lect, 3 hrs lab.]

WLDF 470. Animal Energetics [3]. How mammals and birds acquire, conserve, and exploit energy and other resources. Microclimates; relationships to habitat management. [Prereq: BIOL 105, WLDF 311; or IA. Rec: ZOOL 310. Weekly: 2 hrs lect, 3 hrs lab.]

WLDF 475. Wildlife Ethology [3]. Behavior of vertebrates. Relationships between animal behavior and wildlife management/research. [Prereq: WLDF 311 or equivalent, or IA. Weekly: 2 hrs lect, 3 hrs lab.]


WLDF 480. Selected Topics in Wildlife Management [1-3]. [Prereq: IA. Lect/lab as appropriate. Lab sections CR/NC. Rep.]

WLDF 482. Wildlife Conclave [1]. Preparation for student competitions in discipline of wildlife management and conservation; research presentation, professional development, networking. [Wildlife majors only. CR/NC. Rep. 7 times.]


WLDF 490. Honors Thesis [3]. Independent research conducted under faculty supervision. [Prereq: WLDF 311 and GPA 3.0 or higher. Must take in last semester or IA.]

WLDF 492S. Senior Project, Service [3]. Independent service learning with a professional partner engaged in wildlife management and conservation. Coursework includes pre- and post-service reflection, report writing, and professional presentation. [Prereq: WLDF 311, senior standing, and IA. Rec: at least one additional 400-level WLDF course.]

WLDF 495. Senior Project [3]. Independent research, including proposal writing, fieldwork, and completion of a scientific paper. [Prereq: WLDF 311. Must take in last semester or IA. Rep.]


**GRADUATE**


WLDF 531. Advanced Wildlife Habitat Ecology [2]. Theoretical and applied aspects of vertebrate habitat ecology; habitat selection study design, analysis, and interpretation; habitat quality, effects of spatial and temporal scale; habitat conservation and management. [Prereq: WLDF 311, and WLDF 430 or WLDF 431, or IA.]


WLDF 550L. Advanced Topics in Wildlife Diseases Lab [1-2].

WLDF 565. Advanced Topics in Ornithology [1-3]. Ecology and management of birds. Emphasis on individual work. [Prereq: WLDF 301, WLDF 365, WLDF 465; or IA.]

WLDF 565L. Advanced Topics in Ornithology Lab [1-2].

WLDF 578. Advanced Ecology of Wildlife Populations [3]. Theory and practice of estimating demographic parameters in marked and unmarked populations. Emphasis on contemporary approaches to maximum likelihood parameter estimation with field-collected data. Individual projects are emphasized. [Prereq: STAT 333 and grad standing, or IA.]

Wildlife 2019-2020 Humboldt State University Catalog
WLDF 580. Behavioral Ecology (1-3). Relationships between behavior, ecology, and management of wildlife populations. [Prereq: WLDF 475 or equivalent, or IA. Variable format: recitations, labs.]


WLDF 690. Thesis (1-3). Restricted to students in NR grad program, wildlife option. [Rep.]

WLDF 695. Advanced Field Problems (1-3). Directed field experience in individual thesis problems. [Rep.]

WLDF 699. Independent Study (1-3). Selected problems. [Prereq: grad standing and IA. Rep.]