**WILD - Fish & Wildlife Science & Mgmt**

**WILD 201. Intro to Fish and Wildlife. 1 Credit.** (1 Sem) F
An introduction to the career opportunities and current issues associated with management of fisheries and wildlife. For Fish and Wildlife Majors or those interested in the profession.

**WILD 209R. Undergraduate Research. 1-6 Credits.** (1 Ind; 6 cr max) F.S
PREREQUISITES: Consent of instructor and approval of department head. Directed undergraduate research which may culminate in a written work or other creative project. Course will address responsible conduct of research. May be repeated.

**WILD 291. Special Topics. 1-4 Credits.** (1-4 Lec; 12 cr max) On Demand
PREREQUISITE: None required but some may be determined necessary by each offering department. Courses not required in any curriculum for which there is a particular one-time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number.

**WILD 292. Independent Study. 1-3 Credits.** (1-3 Ind; 6 cr max) On Demand
PREREQUISITE: Consent of instructor and approval of department head. Directed research and study on an individual basis.

**WILD 301. Princ of Fish & Wildlife Mgmt. 3 Credits.** (3 Lec) S
PREREQUISITE: BIOE 160 and BIOE 170FN and junior standing. Overview of history and ecological principles underlying fish and wildlife management. In-depth discussion of current issues.

**WILD 325. Wildlife-Livestock Nutrition. 3 Credits.** (3 Lec) S
PREREQUISITE: ANSC 100 and NRSM 101 and NRSM 102. Nutrition of free ranging ungulates including deer, elk, antelope, bison, sheep, cattle and feral horses. Topics will include digestive systems, intake, food habits, feeding behavior and management on rangelands.

**WILD 355. Wildlife and Livestock Habitat Restoration. 3 Credits.** (1 Lec, 2 Lab) F
PREREQUISITE: NRSM 101 or ENSC 110 or WILD 301, and BIOE 230, and NRSM 240 or BIOE 370. Improvement and rehabilitation of rangeland, forest, and desert habitats used by wildlife and free-ranging livestock in the western United States. Topics include methods used to improve wildlife habitat as well as livestock forage. Design criteria for stock ponds, off-site water development, construction of burdonsmall mammal guzzlers, use of prescribed fire, mechanical, chemical and biological techniques to rehabilitate and improve rangeland, forest, and desert vegetation communities.

**WILD 373. Wildlife Techniques. 3 Credits.** (1 Lec, 2 Lab) On Demand
PREREQUISITE: Junior standing and minimum 3.0 GPA or consent of instructor. The goal of this class is to introduce students to the suite of techniques routinely employed by natural resource professionals for gaining knowledge of the ecology and status of wildlife populations.

**WILD 401RN. Fish and Wildlife Capstone. 4 Credits.** (2 Lec, 2 Lab) S
PREREQUISITE: Completion of STAT 216Q or BIOE 318, and BIOE 370, and WILD 301, and Fish and Wildlife Ecology and Management option, or consent of instructor. Senior capstone course. Course emphasizes solving problems related to management of fish and wildlife. Students will be introduced to field techniques, analysis approaches, and scientific literature used to answer questions related to conservation and management of terrestrial and aquatic vertebrates.

**WILD 420. Range & Wildlife Policy and Planning. 3 Credits.** (3 Lec) S
PREREQUISITE: BIOE 103 or NRSM 101 or ENSC 110 and Junior Standing. Course explores primary rangeland and wildlife policy in North America, how it developed and how it is currently administered. Emphasis will be on the multidisciplinary application of policy for land resource and wildlife management planning. Animal & Range Sciences.

**WILD 426. Wildlife Habitat Management. 3 Credits.** (3 Lec) S
PREREQUISITE: NRSM 240 or BIOE 370 or consent of instructor. Emphasis is placed on wildlife habitat management in coordination with other land uses (i.e. agriculture, recreation, and development). Students gain insight into the details of wildlife habitat management by delving into historical and contemporary literature. Students develop proficiency in applied wildlife management through consideration of the three components (animal, habitat, human) common to all successful wildlife management efforts. Real world issues and solutions based on case study examples are emphasized.

**WILD 429. Yellowstone Wildlife Habitat Ecology. 2 Credits.** (2 Lec) S
PREREQUISITE: Junior standing and a Biology course or consent of instructor. This course will describe the communities of the internationally prominent northern Yellowstone winter range for wild ungulates. The ecology of many organisms, both plant and animal will be studied. Plant identification skills will be incorporated with an emphasis on the recognition of the Yellowstone northern range's flora and its importance as wildlife habitat. Ecosystem interrelationships will form the basis for understanding the ecology of the range and interpreting the consequences of management alternatives.

**WILD 438. Wildlife Habitat Ecology. 3 Credits.** (3 Lec) S
PREREQUISITE: NRSM 240 or BIOE 370 or consent of instructor. Principles of habitat importance and management. Habitat requirements within wildlife population constraints will be emphasized with consideration of other natural resource demands. Students will be required to learn the ecological characteristics and gain proficiency in the identification of 40 important woody plants.

**WILD 490R. Undergrad Research. 1-6 Credits.** (1 Ind; 12 cr max) F.S,Su
PREREQUISITE: Junior standing, consent of instructor and approval of department head. Directed undergraduate research which may culminate in a research paper, journal article, or undergraduate thesis. Course will address responsible conduct of research. May be repeated.

**WILD 491. Special Topics. 1-3 Credits.** (1-3 Lec; 12 cr max) On Demand
PREREQUISITE: Course prerequisites as determined for each offering. Courses not required in any curriculum for which there is a particular one-time need, or given on a trial basis to determine acceptability and demand.

**WILD 492. Independent Study. 1-3 Credits.** (1-3 Ind; 6 cr max) On Demand
PREREQUISITE: Junior standing, consent of instructors, and approval of department head. Directed research and study on an individual basis.

**WILD 494. Seminar. 1 Credit.** (1 Sem; 4 cr max) On Demand
PREREQUISITE: Junior standing and as determined for each offering. Topics offered at the upper division level which are not covered in regular courses. Students participate in preparing and presenting discussion material.

**WILD 498. Internship. 1-4 Credits.** (1-4 Ind; 8 cr max) On Demand
PREREQUISITE: Junior Standing, approval of intern program by consent of instructor and approval of department head. An individualized assignment arranged with an agency, business, or other organization to provide guided experience in the field. May be repeated.

**WILD 501. Applied Population Ecology. 3 Credits.** (2 Lec, 1 Lab) S
PREREQUISITE: BIOE 370 or WILD 301. An in-depth review of the (1) key theories of population ecology, (2) the application of the internationally prominent contemporary population management, and (3) managing populations in the face of uncertainty.

**WILD 502. Population & Habitat Data. 3 Credits.** (2 Lec, 1 Lab) S
PREREQUISITE: BIOME 370 or WILD 301. An in-depth review of the (1) key theories of population ecology, (2) the application of the internationally prominent contemporary population management, and (3) managing populations in the face of uncertainty.

**WILD 504. Wildlife-Habitat Relationships. 3 Credits.** (2 Lec, 1 Lab) S
Offered in alternate spring semesters in even numbered years PREREQUISITE: Completion of or concurrent enrollment in a five-hundred level statistics course. Study of the theory and methods of sampling and analyzing population data for vertebrates. Estimation of population size, survival, and recruitment using competing models that relate population states and rates to habitat conditions and other covariates of interest. Computer lab.

**WILD 506. Wildlife-Habitat Relationships. 3 Credits.** (2 Lec, 1 Lab) S
Offered in alternate spring semesters in even numbered years PREREQUISITE: Completion of a 500-level statistics course. This course will help students develop a conceptual and practical understanding of wildlife-habitat relationships and the use, application, and limitations of the analytical tools used to analyze these data. Course will be a blend of discussion and lecture; students will be responsible for written assignments based on readings and data sets.

**WILD 510. Fisheries Science. 3 Credits.** (2 Lec, 1 Lab) S
Offered in alternate spring semesters in even numbered years PREREQUISITE: BIOME 415, WILD 301. An in-depth review of fisheries data types and the analysis and interpretation of those data as it relates to freshwater fisheries research and management.

**WILD 513. Fisheries Habitat Management. 3 Credits.** (3 Lec) F
Offered in alternate spring semesters in even numbered years PREREQUISITE: Junior standing and as determined for each offering. Topics offered at the upper division level which are not covered in regular courses. Students participate in preparing and presenting discussion material.

**WILD 525. Human Dimensions of Fisheries and Wildlife Management. 3 Credits.** (3 Lec) S, alternate years, to be offered even years.
PREREQUISITE: Graduate standing. This course provides fisheries and wildlife management graduate students with an understanding of how social, cultural, behavioral, and demographic characteristics of humans affect fisheries and wildlife management.
WILD 548. Research Perspectives. 2 Credits. (2 Lec) S
PREREQUISITE: Graduate standing or consent of instructor. An introduction to the philosophical underpinnings of resource science and management, with the goal of helping students to develop their own ideological perspective. A broad array of interdisciplinary readings is used to survey philosophical worldviews and explore their influence on science.

WILD 575. Professional Paper and Project. 1-4 Credits. (1 Ind; 4 cr max)
F,S,Su
Max 4 cr. Graduate standing and committee approval and consent of instructor. A research or professional paper or project dealing with a topic in the field. The topic must be mutually agreed upon by the student and his or her major advisor and graduation committee.

WILD 591. Special Topics. 1-3 Credits. (1-3 Lec; 12 cr max) On Demand
PREREQUISITE: Upper division courses and others as determined for each offering. Courses not required in any curriculum for which there is a particular one time need, or given on a trial basis to determine acceptability and demand before requesting a regular course number.
Font Notice

This document should contain certain fonts with restrictive licenses. For this draft, substitutions were made using less legally restrictive fonts. Specifically:

Times was used instead of Adobe Garamond Pro.

The editor may contact Leepfrog for a draft with the correct fonts in place.