

repeated once for a total of 6 hours of academic credit.) Prerequisite: Sophomore standing or permission of department head. Field experience fee \$75.

**485-v Theatre Seminar. (Credit variable)** Content varies according to the needs of students. When topic varies, course may be repeated for credit.

**486-v Theatre Problems. (Credit variable)** A course featuring independent study in theatre. Research and discussion under personal direction of an instructor. Topics will vary according to student need. Open to students of senior classification with approval of department head.

### **WILDLIFE MANAGEMENT (WLDM)**

**101-1 Introduction to Wildlife Management. (1-0)** (TCCNS = AGRI 1327) A seminar course for Wildlife Management majors that introduces students to the field of Wildlife Management; acquaints students with academic facilities, programs, and requirements; and teaches study skills for successful college and lifetime learning.

**201-3 Avian Science. (2-2)** An introduction to the study of birds, their structure, physiology, reproduction, ecology and behavior. Relates gamebird production and biology to basic ornithological principles. Laboratory covers production of game birds from conception and incubation to marketing and sales. Gamebirds studied are various quail, pheasant, partridge, and wild turkey species. Credit for both WLDM 201 and ANSC 201 will not be awarded. Prerequisites: Sophomore classification or approval of the department head. Course fee \$10.

**221-3 Wildlife Conservation and Management. (3-0)** An introduction to the principles and practices of managing wildlife and habitat; factors regulating wildlife populations including behavior, disease, predation, and harvest; and public policy related to wildlife conservation. Credit for both R&RM 221 and WLDM 221 will not be awarded. Prerequisites: ENGL 111, 112, and MATH 107 or higher. Course fee \$5.

**305-3 GIS for Natural Resource Managers. (2-2)** An introductory course on use of geographic information systems (GIS) in natural resource management. Laboratory exercises will apply knowledge learned in lectures to solve real world problems in natural resource management using GIS software. Cross-listed with AGRN 305 and RNRM 305: credit will not be given for multiple enrollments in these cross-listed courses. Prerequisites: WLDM 221 or RNRM 221 or junior classification. Lab fee \$15.

**310-3 Wildlife Management Techniques. (2-2)** Field and laboratory techniques used in wildlife management and research. Determining age and food habits, population analysis, habitat analysis, and introduction to research. Credit for both R&RM 310 and WLDM 310 will not be awarded. Prerequisite: WLDM 221 and one semester statistics. Modest costs of field trips will be borne by the student. Course fee \$5.

**311-3 Wildlife Diseases. (3-0)** Basic mechanisms of diseases as they occur in wildlife populations; interplay of habitat requirements, individual physiological requirements and disease producing mechanisms of varied wildlife species. Control/Prevention of infectious, non-infectious, parasitic diseases and parasites. Prerequisite: WLDM 221 and sophomore classification or approval of department head. Course fee \$5.

**375-3 Conservation of Natural Resources. (3-0)** Principles and philosophies associated with the development, management, and use of natural resources are studied in the relationship to the ecological and social implications inherent in management alternatives involving the natural

environment and use of renewable natural resources. Prerequisite: Junior classification. Course fee \$5.

- 385-3 Fish and Wildlife Laws and Administration. (3-0)** A review and analysis of state and federal laws and international treaties and conventions affecting fish and wildlife; their application and administration. The organizational structure of state, federal and international agencies; their objectives, policies and practices. Prerequisite: WLDM 221 and junior classification. Course fee \$5.
- 399-6 Cooperative Education. (0-6)** This course is designed to offer students the opportunity to integrate academic study with work experience that is germane to their major or minor. Enrollment requires a two-semester minimum commitment that may be accomplished by 1) alternating semesters of full-time study with semester of curriculum-related employment, or 2) enrolling in courses at least half-time (6 semester hours) and working part-time in parallel position of curriculum-related employment. The department Cooperative Education advisor will supervise the student's experience and assign the final grade based on the student's final report, which is required to complete the course. Students may participate in the Cooperative Education program for an unlimited number of semesters but a maximum of 6 hours credit may be counted toward a degree. Prerequisites: Completion of 30 semester hours which includes 12 hours in the major or minor discipline in which the Cooperative Education course is desired, minimum overall GPA of 2.5 and a minimum GPA of 3.0 in the appropriate major or minor field, and department head approval. Field experience fee \$75.
- 401-3 Population Dynamics. (3-0)** An introduction to population biology, including models of simple population growth, competition, and predator-prey interactions; demographic rates and life tables; and techniques for estimating demographic parameters.
- 405-3 Urban Wildlife and Fisheries. (3-0)** Urban wildlife and fisheries trains students to establish and maintain diverse, self-sustaining urban wildlife and fish populations at levels in harmony with ecological, social, and economic values of the human community and to develop optimal levels of public appreciation and use of urban wildlife and fish resources and associated habitats. Includes discussions on conservation education as a tool for furthering urban wildlife and fisheries appreciation. Prerequisites: WLDM 221, 310, 375 or approval of department head. Course fee \$5.
- 426-3 Big Game Ecology and Management. (2-2)** Survey of distributions and life histories of North American big game species. Productivity, food habits, economic significance and management will be examined. Will include a study of current management strategies employed on deer farms in North America with a focus on the Texas deer industry and impacts on traditional wildlife management. Credit for both ANSC 426 and WLDM 426 will not be awarded. Prerequisites: WLDM 221 and 8 hours of advanced ANSC/WLDM or approval of the department head. Modest cost of field trips will be borne by the student. Course fee \$5.
- 440-3 Wildlife Field Studies. (0-6)** A field course in which students capture, measure, and mark animals; collect descriptive measures of vegetation that characterize wildlife habitat; and record field observations using a journal. This course requires a one-week field trip at student's expense (in addition to field experience fee). Prerequisites: WLDM 221, 310. Field experience fee \$75.

- 484-3 Internship. (0-6)** Formally arranged and approved on-the-job training with a cooperating sponsor in government or private sector of the wildlife management or natural resources field. A minimum of 40 hours of training is required for each hour of academic credit. A maximum of six hours may be earned by internship completion. Oral and written reports of internship experience required. Prerequisite: Advanced standing and approval of department head. Field experience fee \$75.
- 485-1 Seminar. (1-0)** A review of current issues and developments in wildlife management and natural resources; professional opportunities and responsibilities; individual investigations and reports using scientific and popular literature. Prerequisites: WLDM 221, 310, 375 and senior classification in WLDM.
- 486-3 Problems. (3-0)** Individualized study of current topics in wildlife management, natural resource management or a supporting discipline. Specific content and credit depend upon student's interests, needs, and depth of study. Maximum undergraduate credit, six semester hours. Prerequisite: Senior classification and advance approval by academic advisor.
- 490-3 Special Topics. (3-0)** Selected topics in wildlife and natural resource management. May be repeated for credit when topics vary, with a maximum of six hours. Prerequisite: WLDM 221, 310, advanced classification and approval of department head.
- 590-3 Special Topics. (3-0)** Selected topics in the wildlife sciences. May be repeated for credit when topics vary, for a maximum of six hours. Prerequisites: Approval of department head.