

WILDLIFE MANAGEMENT (WMGT)

WMGT 2301. Principles of Wildlife Mgmt. 3 Hours.

The students in this course survey sustainable and profitable wildlife management techniques, habitats, and resources. Topics include alternative wildlife practices, animal and plant identification, ethical and economical considerations of wildlife and fisheries management, conservation, habitat alteration and renewal, and economic impact of the wildlife industry.

WMGT 2396. Special Topic. 3 Hours.**WMGT 3301. Wildlife Ranch Management. 3 Hours.**

The students in this course evaluate establishing, managing, and maintaining wildlife enterprises. The focus of this course is designing a profitable and sustainable ranch using both scientific and economic perspectives regarding livestock, as well as native and non-native wildlife species. Writing Enhanced.

Prerequisite: WMGT 2301.

WMGT 3381. Game Animal Production. 3 Hours.

A study of the principles and practices of game animal production. Game animals commonly used for economic diversification of agricultural enterprises are the central focus of the course. Topics include animal identification, population dynamics, nutrition, habitat preservation and modification, reproduction, game laws, and economic integration in traditional agricultural enterprises.

Prerequisite: ANSC 1319 and Sophomore or higher classification.

WMGT 3382. Habitat & Pond Management. 3 Hours.

Students in the course study wildlife habitat and riparian zone management, food plots for upland game birds and white-tailed deer, and pond management for largemouth bass, sunfish, and catfish production.

Prerequisite: WMGT 2301.

WMGT 4096. Directed Study. 1-6 Hours.

Arranged professional and developmental learning experiences incorporating a practical application of wildlife management skills and practices. To include internships, individual research and industry studies. Writing Enhanced. Variable Credit (1 to 6).

Prerequisite: Sophomore standing.

WMGT 4301. Cervid Breeding and Production. 3 Hours.

The students in this course will examine production of the cervid species with a focus on white-tailed deer. Reproductive management practices pertaining to preferred, selective genetics and breeding cycles are emphasized, with production based on an effective confinement management system. The primary topics include general industry cycles, reproductive techniques and cycles, weaning of offspring and vaccination protocols, immobilization, and interstate/intrastate movement of cervid species.

Prerequisite: WMGT 2301 and ANSC 4395.

WMGT 4302. Cervid Management. 3 Hours.

The students in this course examine the cervid industry from breeding to parturition. Cervid management is based on a confinement setting and focuses on anatomy and physiology, cervid nutrition during this stage of production, and feed types and feeding programs, cost of production, state and federal regulations, diseases and treatments, and fawn care.

Prerequisite: WMGT 2301 and ANSC 3373.

WMGT 4369. Special Topic. 3 Hours.