ANIMAL SCIENCE (ANSC)

ANSC 100. Animal Science and Industry. (3 Credits)
This is a concurrent enrollment course with designated high schools to acquaint high school students with animal science and industry. It offers an introduction to farm and companion animal production and its affiliated industries with emphasis on the biological nature of animals, infrastructures and economic uniqueness of affiliated industries, animal products and services, and the management of animal enterprises. 3 credits (minimum of 45 lecture hours), spring semester

ANSC 101. Intro to Animal Science. (3 Credits)
An introductory course in Animal Sciences for students interested in a career path in the animal industries. This course will introduce students to the various animal industries, including both agricultural and companion animals. Topics covered will include housing, handling, reproduction, health, genetics and breeding, as well as current topics on welfare and sustainability. 3 credits (2 lecture, 2 lab)

ANSC 110. Livestock Production Mgmt/Tech. (3 Credits)
Livestock Production Management and Techniques will provide an overview of animal agriculture with a focus on management practices related to health, husbandry, feeing, breeding, and marketing of beef cattle, small ruminants, swine, poultry, and alternative agricultural species. This will be accomplished through lectures and hands-on experiences during laboratory sessions. Live animals will be used during laboratories in accordance with federal regulations, and all laboratories will be conducted with respect for the animals. 3 Credits (2 lecture hours, 2 laboratory hours)

ANSC 150. Live Animal Evaluation. (2 Credits)
Live Animal Evaluation is a hands-on two credit hour lecture/laboratory course concentrating on the science and art of live animal evaluation. The lectures will cover all aspects of improving the selection of meat animals and the efficiency of meat animal production. Laboratory activities will include the evaluation of market animals and the evaluation and selection of breeding animals of all meat animal species. Worksheets on calculating carcass grades and performance data will be given to complement in class activities. This course is an excellent introduction for all livestock production courses and will provide a baseline of information for students interested in intercollegiate livestock judging. 2 credits (1 lecture hour, 2 laboratory hours).

ANSC 200. Sheep Industry/Production Syst. (3 Credits)
This course will teach the principles of modern sheep production including all aspects of sheep production management systems and the U.S./Global Sheep Industry. The course will incorporate genetics, nutrition, reproduction, disease control, management and marketing of sheep. Concentrating on the U.S. Sheep market, the course will include the international perspective of the industry. Students will gain an understanding of the world's sheep industry and how it affects the U.S market. From flock management to marketing strategies, students will leave ANSC 200 with a well round knowledge of the entire sheep industry. Prerequisite: ANSC 110 3 credits (2 Lecture Hours, 2 Laboratory Hours).