animal behavior, including physiology of behavior, communication, social behaviors, and others. S, SSI.

Reproductive Physiology (4). Prerequisites: ANSC 2202 and 2306 or 3405. Physiological approach to reproductive processes in farm animals. Study includes anatomy, endocrinology, estrous cycles, egg and sperm physiology, fertilization, gestation, parturition, and artificial insemination. F.

Animal Breeding and Genetics (4). Prerequisites: ANSC 1401, MATH 1320 or higher. Fundamental principles of cellular, population, and quantitative genetics applied in selection and mating systems to make genetic improvements in farm animals. F.

Selection, Care, Processing, and Cooking of Meats (4). A general course in selecting, preserving, inspecting, grading, and cooking meats. S.

Consumer Selection and Utilization of Meat Products (4). A course for nonmajors who desire general knowledge of meat purchasing, selection, and cooking. Aspects of hazard analysis, food safety, and sanitation will be studied. F, SS.

Advanced Physiology of Animals (4). Prerequisites: ANSC 2202 and honors student status or consent of instructor. Physiology of domestic animals for advanced or honors students. Lecture and laboratory emphasizing whole animal physiology. Parturition, and artificial insemination. F. (Writing Intensive)

Internship (VI-12). Prerequisite: Consent of instructor. A supervised study course providing in-service training and practice in the various areas of animal science. F, S, SS.

Special Problems in Animal Science (VI-6). Prerequisite: Approval of instructor. Individual investigation. May be repeated for credit. F, S, SS.

Artificial Insemination of Livestock (2). Prerequisites: ANSC 2401 and consent of instructor. Anatomy and physiology of reproductive organs, palpation, insemination techniques, handling frozen semen, estrous detection, synchronization of estrus and ovulation, and pregnancy determination. Intersession.