

# EQUINE SCIENCE (EQSC)

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**EQSC 2364. Equine Science. 3 Hours.**

A survey of the working and pleasure horse industry; breed selection, breeding, feeding, diseases, unsoundness and management. Laboratory work involves evaluation, care and grooming, tack and equipment, and basic management.

**Prerequisite:** ANSC 1319.

**EQSC 2390. Selection & Eval Of Horses. 3 Hours.**

This course will allow the student to become familiar with the basic concepts necessary to select and evaluate horses from a judge's perspective. Evaluation of conformation, balance, symmetry, cadence, suppleness, and impulsion will be used to understand these concepts. The ability to prepare and present oral reasons to support critical thinking and decision making skills will be reviewed.

**EQSC 2396. Special Topic. 3 Hours.**

This course will examine special topics/issues in Equine Science at an introductory level. This course may be repeated up to three times as topics and subject matter changes. Credits 3.

**EQSC 3340. Equine Behavior & Training I. 3 Hours.**

This course will aid in developing skills to increase horsemanship ability and knowledge so that the student can more effectively communicate with the young horse. The fundamentals of equine behavior will be studied. Ground training methods will also be applied to teach the young horse discipline while increasing the training and value of the horse. Stable management, equipment, and pedigrees will also be discussed. Sophomore standing.

**Prerequisite:** EQSC 2364 or concurrent enrollment.

**EQSC 4096. Directed Study. 1-6 Hours.**

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

**Prerequisite:** Sophomore standing.

**EQSC 4367. Stock Horse Equitation. 3 Hours.**

The course will be an in-depth study of equitation including simple and advanced maneuvers that are essential to various types of equine performance events. Students will be expected to strengthen communication skills between horse and rider through various exercises. The university equestrian team will be developed from this course. Junior standing.

**Prerequisite:** EQSC 3340.

**EQSC 4369. Special Topic. 3 Hours.**

Individual study in specialized areas of Equine Science. To be directed and approved by the Animal Science advisor. This course is designed to be a multi-topic course. The student can take the course under various special topics being offered.

**Prerequisite:** Junior standing.

**EQSC 4373. Equine Reproduction. 3 Hours.**

General principles and applications of equine reproduction will be presented. Course material will include reproductive anatomy of the mare and the stallion and endocrinology as related to reproduction.

**Prerequisite:** EQSC 2364 and Junior standing.

**EQSC 4379. Equine Nutrition. 3 Hours.**

An overall evaluation of the equine digestive system in regards to anatomy, physiology, digestive processes, nutrient requirements, feedstuffs, management, and health care. Current topics in equine nutrition research will also be discussed. Junior standing.

**Prerequisite:** EQSC 2364.

**EQSC 4391. Equine Behavior & Training II. 3 Hours.**

A study of equine behavior, safety, and training techniques. Laboratory work involves planning record keeping systems, feeding and breeding schedules, tack and equipment, training young stock for work and pleasure, and specialized management practices.

**Prerequisite:** EQSC 3340 and Sophomore standing.