

# EQUINE STUDIES MAJOR: EQUINE INDUSTRY AND MANAGEMENT OPTION (B.S.)

<https://colsa.unh.edu/agriculture-nutrition-food-systems/program/bs/equine-studies-major-equine-industry-management-option>

## Description

This option is designed for:

- Students interested in a traditional equine career, such as riding instruction, training, or stable management.
- Students interested in a career in equine business, such as competition management, sales, marketing, or equine business management.

Courses for this option include business classes and hands-on equine classes, such as teaching, training, stable management, and facility management.

In addition to the standard core courses for all Equine Studies majors, students in Equine Management take courses in anatomy and physiology, agricultural business management, nutrition, and forages. Students then select 20 approved credits to allow them to focus in the areas most relevant to their desired career. Those courses may include classes in equipment and facility management, equine training, riding instruction, equine conformation, animal behavior, accounting, and marketing.

## Requirements

A minimum grade of C-minus or better must be earned in all Equine Studies courses required by the major.

Code	Title	Credits
<b>Core Equine Studies Requirements</b>		
ANSC 411	Freshman Seminar in Equine Science	1
ANSC 437	Equine Husbandry Techniques	4
ANSC 504	Equine Physiology	4
ANSC 522	Intermediate Horsemanship Theory	3
or ANSC 405	Theory of Horsemanship	
ANSC 547	Equine Stable Management	3
ANSC 665	Principles of Horse Trials Management <sup>1</sup>	2
ANSC 600	Field Experience <sup>1</sup>	1-4
ANSC 612	Genetics of Animals	4
or GEN 604	Principles of Genetics	
ANSC 796	Equine Senior Seminar	2
ANSC 725	Equine Sports Medicine	4
ANSC 797	Equine Capstone Experience	4
BIOL 411	Introductory Biology: Molecular and Cellular	4
BIOL 412	Introductory Biology: Evolution, Biodiversity and Ecology	4
ENGL 501	Introduction to Creative Nonfiction	4
or ENGL 419	How to Read Anything	
or ENGL 502	Professional and Technical Writing	
or ENGL 503	Persuasive Writing	
or ANSC 543	Technical Writing in Animal Sciences	
EREC 411	Environmental and Resource Economics Perspectives	4
or ECON 402	Principles of Economics (Micro)	
<b>Industry and Management Requirements</b>		
AAS 432	Introduction to Forage and Grassland Management	3

ANSC 511 & ANSC 512	Anatomy and Physiology and Anatomy and Physiology <sup>1</sup>	8
ANSC 546	Animal Business Applications	4
ANSC 548	Agricultural Business Management	4
or ANSC 635	Nonprofit Management for Agriculture Business	
ANSC 609	Principles of Animal Nutrition <sup>1</sup>	4
ANSC 724	Reproductive Management and Artificial Insemination	4
or ANSC 701	Physiology of Reproduction	
or ANSC 750	Collaborative Farm Design and Development	
or BMS 718	Mammalian Physiology	
<b>Industry and Management Electives: Choose 20 credits from the following:</b>		
AAS 434	Equipment and Facilities Management	3
ADMN 502	Financial Accounting	4
ANSC 426	Equine Conformation and Lameness	4
ANSC 500	Equine Assisted Activities and Therapies	4
ANSC 507	Survey of Equine Training Techniques	3
ANSC 536	Preparation and Competition Techniques for the Modern Sport Horse	4
ANSC 538	Equine Handling/Longeing	1
ANSC 602	Animal Rights and Societal Issues	4
ANSC 640	Principles of Riding Instruction	4
ANSC 641	Principles of Dressage Instruction	2
ANSC 642	Principles of Jumping Instruction	2
ANSC 643	Principles of Therapeutic Riding Instruction	4
ANSC 695	Supervised Teaching Experience	1-2
ANSC 701	Physiology of Reproduction	4
ANSC 750	Collaborative Farm Design and Development	4
EDUC 500	Exploring Teaching	4
MGT 535	Organizational Behavior	4
MKTG 530	Survey of Marketing	4
PSYC 720	Animal Cognition	4
SML 560	Sport Psychology	4
SML 565	Principles of Coaching	4
ZOOL 613	Animal Behavior	5

<sup>1</sup> Waived for TSAS equine management graduates

## Degree Plan

Sample Student Schedule by Semester - Equine Industry and Management

Course	Title	Credits
<b>First Year</b>		
<b>Fall</b>		
ANSC 402	Horsemanship Lab	1
ANSC 411	Freshman Seminar in Equine Science	1
ANSC 437	Equine Husbandry Techniques	4
ANSC 522	Intermediate Horsemanship Theory	3
BIOL 411	Introductory Biology: Molecular and Cellular	4
ENGL 401	First-Year Writing	4
<b>Credits</b>		<b>17</b>
<b>Spring</b>		
ANSC 426	Equine Conformation and Lameness	4
BIOL 412	Introductory Biology: Evolution, Biodiversity and Ecology	4
Discovery Course		4
Discovery Course		4
<b>Credits</b>		<b>16</b>

**Second Year****Fall**

AAS 432	Introduction to Forage and Grassland Management	3
ANSC 511	Anatomy and Physiology	4
ANSC 546	Animal Business Applications	4
ANSC 547	Equine Stable Management	3
<b>Credits</b>		<b>14</b>

**Spring**

AAS 434	Equipment and Facilities Management (Elective)	3
ANSC 512	Anatomy and Physiology	4
ANSC 536	Preparation and Competition Techniques for the Modern Sport Horse	4
ANSC 548	Agricultural Business Management	4
EREC 411	Environmental and Resource Economics Perspectives	4
<b>Credits</b>		<b>19</b>

**Third Year****Fall**

ANSC 504	Equine Physiology	4
ANSC 612	Genetics of Animals	4
ANSC 640	Principles of Riding Instruction (Elective)	4
ANSC 665	Principles of Horse Trials Management	2
Discovery Course		4
<b>Credits</b>		<b>18</b>

**Spring**

ANSC 641 & ANSC 642	Principles of Dressage Instruction and Principles of Jumping Instruction	4
ENGL 501	Introduction to Creative Nonfiction	4
Discovery Course		4
ANSC Writing Intensive		4
<b>Credits</b>		<b>16</b>

**Summer**

ANSC 600 or ANSC 795W	Field Experience or Investigations	1-4
<b>Credits</b>		<b>1-4</b>

**Fourth Year****Fall**

ANSC 507	Survey of Equine Training Techniques	3
ANSC 538	Equine Handling/Longeing	1
ANSC 609	Principles of Animal Nutrition	4
ANSC 725	Equine Sports Medicine	4
ANSC 796	Equine Senior Seminar	2
Discovery Course		4
<b>Credits</b>		<b>18</b>

**Spring**

ANSC 724	Reproductive Management and Artificial Insemination	4
ANSC 797	Equine Capstone Experience	4
Discovery Course		4

Elective	4
<b>Credits</b>	<b>16</b>
<b>Total Credits</b>	<b>135-138</b>

## Student Learning Outcomes

All students who graduate from the B.S. in Equine Studies program will be able to:

- Identify, explain, and demonstrate safe, effective, and humane equine handling and stable management skills.
- Identify, explain, and demonstrate equine health management practices and basic equine first aid.
- Explain guidelines for equine nutrition, feeding, and parasite management.
- Demonstrate technical proficiency with English tack, boots, bandages, and blankets.
- Demonstrate safe, competent longeing technique using a trained horse.
- Demonstrate an understanding of the principles of riding practices in equestrian sport.
- Communicate effectively, in written and verbal form, about professional topics in the equine industry.

Equine Industry & Management option:

- Analyze and identify both ideal conformation and movement faults as related to equine form and function.
- Demonstrate advanced handling, grooming, and longeing skills, beyond those required of all equine studies majors.
- Demonstrate knowledge of veterinary care beyond the basic level required of all equine studies majors, and demonstrate application of this knowledge to real-world emergency and management situations.
- Demonstrate knowledge of management practices for riding arenas, horse trailers, and large equipment.
- Demonstrate working knowledge of key elements in equine business planning, management, and development.