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.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ANSC 411</td>
<td>Anatomy and Physiology</td>
<td>8</td>
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<tr>
<td>&amp; ANSC 512</td>
<td>Anatomy and Physiology</td>
<td>3</td>
</tr>
<tr>
<td>ANSC 546</td>
<td>Animal Business Applications</td>
<td>4</td>
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<tr>
<td>ANSC 548</td>
<td>Agricultural Business Management</td>
<td>4</td>
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<tr>
<td>or ANSC 635</td>
<td>Nonprofit Management for Agriculture Business</td>
<td>3</td>
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<tr>
<td>ANSC 609</td>
<td>Principles of Animal Nutrition</td>
<td>4</td>
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<tr>
<td>ANSC 724</td>
<td>Reproductive Management and Artificial Insemination</td>
<td>4</td>
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<tr>
<td>or ANSC 701</td>
<td>Physiology of Reproduction</td>
<td>3</td>
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<tr>
<td>or ANSC 750</td>
<td>Collaborative Farm Design and Development</td>
<td>3</td>
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<tr>
<td>or BMS 718</td>
<td>Mammalian Physiology</td>
<td>2</td>
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</table>

Industry and Management Electives: Choose 20 credits from the following:

- AAS 434 Equipment and Facilities Management
- ADMIN 502 Financial Accounting
- ANSC 436 Equine Conformation and Lameness
- ANSC 509 Equine Assisted Activities and Therapies
- ANSC 507 Survey of Equine Training Techniques
- ANSC 536 Preparation and Competition Techniques for the Modern Sport Horse
- ANSC 538 Equine Handling/Longeing
- ANSC 602 Animal Rights and Societal Issues
- ANSC 640 Principles of Riding Instruction
- ANSC 641 Principles of Dressage Instruction
- ANSC 642 Principles of Jumping Instruction
- ANSC 643 Principles of Therapeutic Riding Instruction
- ANSC 695 Supervised Teaching Experience
- ANSC 701 Physiology of Reproduction
- ANSC 750 Collaborative Farm Design and Development
- EDUC 500 Exploring Teaching
- MGT 535 Organizational Behavior
- MKTG 530 Survey of Marketing
- PSYC 730 Animal Cognition
- SML 560 Sport Psychology
- SML 566 Principles of Coaching
- ZOOL 613 Animal Behavior

1 Waived for TSAS equine management graduates

Degree Plan

Sample Student Schedule by Semester · Equine Industry and Management

<table>
<thead>
<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>First Year</td>
<td>Title</td>
<td>Credits</td>
</tr>
<tr>
<td>Fall</td>
<td>ANSC 402</td>
<td>Horsemanship Lab</td>
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<tr>
<td></td>
<td>ANSC 411</td>
<td>Freshman Seminar in Equine Science</td>
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<tr>
<td></td>
<td>ANSC 437</td>
<td>Equine Husbandry Techniques</td>
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<tr>
<td></td>
<td>ANSC 522</td>
<td>Intermediate Horsemanship Theory</td>
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<td></td>
<td>ANSC 547</td>
<td>Equine Stable Management</td>
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<tr>
<td></td>
<td>ANSC 665</td>
<td>Principles of Horse Trials Management 1</td>
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<tr>
<td></td>
<td>ANSC 660</td>
<td>Field Experience 1</td>
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<tr>
<td></td>
<td>ANSC 612</td>
<td>Genetics of Animals</td>
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<td></td>
<td>GEN 604</td>
<td>Principles of Genetics</td>
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<td></td>
<td>ANSC 796</td>
<td>Equine Senior Seminar</td>
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<tr>
<td></td>
<td>ANSC 725</td>
<td>Equine Sports Medicine</td>
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<tr>
<td></td>
<td>ANSC 797</td>
<td>Equine Capstone Experience</td>
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<tr>
<td></td>
<td>BIOL 411</td>
<td>Introductory Biology: Molecular and Cellular</td>
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<tr>
<td></td>
<td>BIOL 412</td>
<td>Introductory Biology: Evolution, Biodiversity and Ecology</td>
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<td></td>
<td>ENGL 501</td>
<td>Introduction to Creative Nonfiction</td>
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<tr>
<td></td>
<td>ENGL 419</td>
<td>How to Read Anything</td>
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<tr>
<td></td>
<td>ENGL 502</td>
<td>Professional and Technical Writing</td>
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<td></td>
<td>ENGL 503</td>
<td>Persuasive Writing</td>
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<td></td>
<td>ANSC 543</td>
<td>Technical Writing in Animal Sciences</td>
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<td></td>
<td>EREC 411</td>
<td>Environmental and Resource Economics Perspectives</td>
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<tr>
<td></td>
<td>ENGL 402</td>
<td>Principles of Economics (Micro)</td>
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Industry and Management Requirements

- AAS 432 | Introduction to Forage and Grassland Management          | 3       |

Credits 17

Spring

<table>
<thead>
<tr>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>ANSC 426</td>
<td>Equine Conformation and Lameness</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 412</td>
<td>Introductory Biology: Evolution, Biodiversity and Ecology</td>
<td>4</td>
</tr>
</tbody>
</table>

Credits 16

Discovery Course

<table>
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<tr>
<th>Course</th>
<th>Title</th>
<th>Credits</th>
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</thead>
</table>

Credits 4

Discovery Course

| Course | Title                                           | Credits |

Credits 4
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

Credits 14

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

Credits 19

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

Credits 18

Spring
ANSC 641 Principles of Dressage Instruction & ANSC 642 Principles of Jumping Instruction 4
ENGL 501 Introduction to Creative Nonfiction 4
Discovery Course 4
ANSC Writing Intensive 4

Credits 16

Summer
ANSC 600 Field Experience or ANSC 795W Investigations 1-4

Credits 1-4

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

Credits 18

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

Elective 4

Credits 16

Total Credits 135-138

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.