

DEGREE MAP

The following sequence is an example of how this degree can be completed in two years. This sequence is based on satisfaction of all Basic Skills requirements and prerequisites, and presumes a fall start date. An individual's program may vary depending on transfer institution, career objectives, or individual needs. See your counselor for other options and to monitor your progress.

Program Name: Equine Science and Management-Associate of Applied Science Degree

Location(s) Offered:

Douglas Campus (Requires one summer session.)

Learning Outcomes: *Students who successfully complete this program will be able to do the following:*

1. Explain the evolution and fundamentals of Equus—its anatomical systems, the hoof, nutrition, disease, and health management—and identify breeds, classes, and methods of identification.
2. Demonstrate safe horsemanship and appropriate riding skills of the western horse.
3. Evaluate a horse's conformation and explain how it relates to structural soundness, athletic ability, trainability, longevity, and performance potential.
4. Manage the daily operations of an equine facility with current industry standards of health and nutrition including safe and effective horse handling techniques.
5. Identify the anatomy and physiology of equine body systems and explain how they apply to raising, conditioning, training, and managing horses.
6. Identify the causes of common lamenesses in horses and explain appropriate treatments. Apply appropriate rehabilitative and conditioning techniques.
7. Explain the equine reproductive systems of the mare and stallion as they relate to breeding, selection, and the growth and development of the foal.

Course or program prerequisite(s) not included in the degree:

ENG 101 Composition requires appropriate English placement score (or see advisor).
MAT 132 Applied Mathematics requires appropriate mathematics placement score (or see advisor).
This program requires RDG 122 Reading Critically or exemption.
Prior to enrollment, students must meet the following requirements: 1) Score of 75% or higher on horsemanship practical entrance exam, 2) Passing evaluation of their horse during the entrance exam, 3) Documentation of current vaccines and negative Coggins test, and 4) Acceptance into the equine program.

Program Reviewed: Feb 22, 2016

Key:

IW=Intensive Writing
F2F=Face-to-Face Instruction
ITV=Instructional Television
VC=Virtual Campus/Online

<i>Requirements</i>	<i>Course(s) Recommended</i>	<i>Delivery Method</i>	<i>Credits</i>
First Semester (Fall):			
Core Curriculum	AGR 237 Equine Science and Management	F2F	4
Core Curriculum	EQS 105 Western Equitation I	F2F	3
Core Curriculum	EQS 120 Equine and Stable Management I	F2F	3
General Education-Composition	ENG 101 Composition	F2F,VC	3
General Education-Liberal Arts	COM 102 Essentials of Communication	F2F	3
Second Semester (Spring):			
Core Curriculum	EQS 205 Western Equitation II	F2F	3
Core Curriculum	EQS 220 Equine and Stable Management II	F2F	3
General Education-Composition	ENG 102 English Composition	F2F	3
General Education-Mathematics	MAT 132 Applied Mathematics or higher	F2F,VC	3-4
General Education-Technology Literacy	CIS 116 Computer Essentials or CIS 120 Intro to Info Systems	F2F,VC	3
Core Curriculum (Summer I)	AGR 220 Agriculture Practicum	F2F	4
Third Semester (Fall):			
Core Curriculum	BIO 100 General Biology (for non-majors)	F2F	4
Core Curriculum	EQS 115 Equine Evaluation	F2F	3
Core Curriculum	EQS 145 Equine Anatomy and Physiology	F2F	3
General Education-Liberal Arts	PSY 101 Introduction to Psychology	F2F,VC	3
Fourth Semester (Spring):			
Core Curriculum	BUS 143 Principles of Management	ITV	3
Core Curriculum	EQS 215 Equine Lameness	F2F	3
Core Curriculum	EQS 245 Equine Reproduction	F2F	3
Elective		F2F,VC	3
Elective		F2F,VC	3-4

Total credits required:

64

Notes: