

Equine Production and Management

Degree Offered

- Associate of Applied Science

Nature of Program

This two-year career degree program enables the student to obtain practical knowledge and experience in the equine industry, including the study of business, equine care, and associated services. The curriculum concentrates on equine health, management, nutrition, reproduction, selection and training. Students gain much practical and hands on experience working with the college's American Quarter Horse herd on the Potomac State College farms.

Career Opportunities

Students selecting this two-year degree program prepare for employment as farm or stable manager, breed associate representative, feed salesman, breeding manager, horse trainer, racing official, riding instructor, horse show management, nutrition technician and various other positions available in the equine industry.

FACULTY

CHAIR

- Dr. Heidi B. Samuels - Ed.D.
West Virginia University

EQUINE PROGRAM COORDINATOR & TEACHING INSTRUCTOR

- Jared Miller - M.S.
Agriculture, Forestry, and Nutritional Sciences

Admissions Requirements

Entering freshmen are admitted directly into the major.

General Education Foundations

Please use this link to view a list of courses that meet each GEF requirement. (<http://registrar.wvu.edu/gef>)

NOTE: Some major requirements will fulfill specific GEF requirements. Please see the curriculum requirements listed below for details on which GEFs you will need to select.

General Education Foundations

F1 - Composition & Rhetoric		3-6
ENGL 101 & ENGL 102 or ENGL 103	Introduction to Composition and Rhetoric and Composition, Rhetoric, and Research Accelerated Academic Writing	
F2A/F2B - Science & Technology		4-6
F3 - Math & Quantitative Skills		3-4
F4 - Society & Connections		3
F5 - Human Inquiry & the Past		3
F6 - The Arts & Creativity		3
F7 - Global Studies & Diversity		3
F8 - Focus (may be satisfied by completion of a minor, double major, or dual degree)		9
Total Hours		31-37

Please note that not all of the GEF courses are offered at all campuses. Students should consult with their advisor or academic department regarding the GEF course offerings available at their campus.

Curriculum Requirements

GEF Elective Requirements (4)		3
ENGL 101	Introduction to Composition and Rhetoric (GEF 1)	3
MATH 121	Intro Concepts Of Mathematics (GEF 3)	3
Select one of the following (GEF 2):		4
BIOL 101 & BIOL 103	General Biology and General Biology Laboratory (GEF 2)	
BIOL 102 & BIOL 104	General Biology and General Biology Laboratory	
AGRL 191	First-Year Seminar	1
AGRL 112	Professions in Agriculture	1
AGEE 110	Microcomputer Applications in Agricultural Education	3
ANPR 338	Horse/Livestock/Poultry Evaluation	3
ARE 110	Agribusiness Accounting	3
ARE 204 or SAGE 215 or SAGE 280	Agribusiness Management Agricultural Marketing Principles of Ag Entrepreneurship	3
A&VS 251	Principles of Animal Science	4
BTEC 107	Business Communications	3
EQST 101	Introduction to Equine Science	3
EQST 105	Equine Safety and Behavior	3
EQST 115	Riding Basics	1
EQST 120	Introduction to Horsemanship and Training	4
EQST 230	Advanced Horsemanship and Training	4
EQST 240	Equine Facilities and Stable Management	4
PLSC 206	Principles of Plant Science (GEF 8)	4
Elective		3
Total Hours		60

Suggested Plan of Study

First Year

Fall	Hours Spring	Hours
ENGL 101 (GEF 1)	3 AGRL 112	1
MATH 121 (GEF 3)	3 BTEC 107	3
EQST 101	3 BIOL 101 or 102 (GEF 2)	3
EQST 105	3 BIOL 103 or 104 (GEF 2)	1
EQST 115	1 ANPR 338	3
AGRL 191	1 EQST 120	4
	14	15

Second Year

Fall	Hours Spring	Hours
AGEE 110	3 ARE 204, SAGE 215, or SAGE 280	3
ARE 110	3 A&VS 251	4
EQST 230	4 EQST 240	4
PLSC 206 (GEF 8)	4 Elective	3
GEF 4 (PSYC 101 Recommended)	3	
	17	14

Total credit hours: 60

Major Learning Outcomes

EQUINE PRODUCTION AND MANAGEMENT

1. Graduates will acquire a high level of competency in the basic sciences required for disciplinary competency.
2. Graduates will integrate basic knowledge and managerial skills related to the animal, nutritional and food sciences disciplines.
3. Graduates will acquire sufficient written and oral communication skills, problem solving and critical thinking skills to effectively impact lifelong societal and professional developments critical to their respective discipline of interest.
4. Graduates will attain depth of knowledge relative to the scope of subfield of the animal and nutritional sciences related to animal production, management and marketing