

Sustainable Agriculture Entrepreneurship, A.A.S.

Degree Awarded

- Associate of Applied Science

Nature of Program

Interested in entering the work force dealing with food, agricultural and forestry products? Graduates of the AAS SAGE degree will be able to develop enterprises to address the expanding micro –scale production of wine/beer, craft food industries, food desert concerns within our region, the farm to school, and farm to table movements. The level of regional production for all agricultural and forestry crops will need to increase to meet these changing markets. The SAGE degree is aimed at those who are driven to learn the production and business skills to successfully meet this demand with safe and healthy products

Potomac State College is the only college in West Virginia offering a two year associate of applied science in agriculture production. There are no similar programs within the neighboring states of Maryland, Virginia, and Pennsylvania. The Associate of Applied Science in sustainable agriculture entrepreneurship (SAGE) will provide the basic training workers will need to enter various production related industries such as support personnel to private producers.

The AAS in SAGE serves as the first two years of the Bachelor of Applied Science (BAS) degree.

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

ENGL 101	Introduction to Composition and Rhetoric (GEF 1)	3
MATH 121	Intro Concepts Of Mathematics (or higher: GEF 3)	3
BTEC 107	Business Communications	3
BTEC 109	Business Mathematics	3
AGRL 191	First-Year Seminar	1
A&VS 251	Principles of Animal Science	4
AGEE 101	Global Food and Agricultural Industry (GEF 7)	3
AGEE 110	Microcomputer Applications in Agricultural Education	3
AGEE 203	Agriculture Mechanics Practica	3

ARE 150	Introductory Agricultural and Agribusiness Economics (GEF 4)	3
PLSC 206	Principles of Plant Science (GEF 2)	4
SAGE 141	Introduction to Horticulture and Agronomy	3
SAGE 215	Agricultural Marketing	3
SAGE 231	Innovation Exploration Seminar	1
SAGE 280	Principles of Ag Entrepreneurship	3
Major Electives (Select four of the following):		12
BTEC 200	Customer Service Relations	
BTEC 211	Introduction to Event Logistics	
CIS 112	Intro to Networking and Security	
EQST 105	Equine Safety and Behavior	
EQST 120	Introduction to Horsemanship and Training	
EQST 230	Advanced Horsemanship and Training	
EQST 240	Equine Facilities and Stable Management	
HTOR 110	Food Production 1	
HTOR 120	Sanitation	
SAGE 240	Applied Horticulture and Agronomy	
SAGE 260	Applied Animal Husbandry	
SAGE 270	Woodlot Management	
Open Electives (Additional courses from the Major Electives list may be used as Open Electives)		5
Total Hours		60

Suggested Plan of Study

First Year

Fall	Hours Spring	Hours
ENGL 101 (GEF 1)	3 BTEC 107	3
BTEC 109	3 MATH 121 (or higher: GEF 3)	3
AGEE 101 (GEF 7)	3 A&VS 251	4
ARE 150 (GEF 4)	3 AGEE 110	3
AGRL 191	1 SAGE 141	3
	13	16

Second Year

Fall	Hours Spring	Hours
AGEE 203	3 SAGE 215	3
PLSC 206 (GEF 2)	4 SAGE 231	1
SAGE 280	3 Major Elective	3
Major Elective	3 Major Elective	3
Major Elective	3 Open Elective	3
	Open Elective	2
	16	15

Total credit hours: 60

Major Learning Outcomes

SUSTAINABLE AGRICULTURE ENTREPRENEURSHIP, A.A.S.

Graduates will be able to:

- Effectively use technical and learned knowledge to collaborate and develop team-based problem solving proficiency to be a productive worker.
- Demonstrate appropriate soil, water, and crop management plans that follow sustainable agricultural practices.
- Demonstrate marketing skills for sustainable agricultural commodities.
- Apply the foundational skills for developing a small-scale sustainable farm or agricultural business.
- Use appropriate state of the art technology and software applications for record keeping and accounting to support a successful farming enterprise.

- Communicate effectively to a variety of audiences.
- Work effectively on teams and competently apply teamwork skills in management groups.