

# General Agriculture, A.S.

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## Degree Offered

- Associate of Science

## Nature of the Program

Upon completion of the two-year program at WVU Potomac State College, and ultimately a four-year degree at another institution, students in the general agricultural program will have completed the courses necessary for career opportunities.

## Career Opportunities

Employment for graduates includes owning a farm business, the private sector of agriculture business, and a wide range of public employment.

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## FACULTY

### CHAIR

- Jeff Jones - M.S. Forestry  
Year @ PSC (2003)

### PROFESSOR

- Donna Ballard - Ph.D. Horticulture, Plant Science, Soil Science, and Crop Production  
Year @ PSC (2007)

### ASSOCIATE PROFESSOR

- Robert Cheves - M.S. Agriculture Education  
Year @ PSC (2007)

### ASSISTANT PROFESSOR

- Sarah Cross - Ph.D. Science Education  
Year @ PSC (2024)

## Admissions

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.

Code	Title	Hours
<b>General Education Foundations</b>		
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 Reasoning		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

Code	Title	Hours
<b>GEF Elective Requirements (4, 5, 6, 7)</b>		<b>9</b>
ENGL 101 & ENGL 102	Introduction to Composition and Rhetoric and Composition, Rhetoric, and Research (GEF 1)	6
MATH 124	Algebra with Applications (GEF 3)	3
BIOL 101 & 101L	General Biology 1 and General Biology 1 Laboratory (GEF 2)	4
BIOL 102 & 102L	General Biology 2 and General Biology 2 Laboratory (GEF 8)	4
CHEM 111 & 111L	Survey of General, Organic, and Biological Chemistry 1 and Survey of Chemistry 1 Laboratory (GEF 8)	4
CHEM 112 & 112L	Survey of General Organic Biological Chemistry 2 and Survey of Chemistry 2 Laboratory	4
AGEE 103S	Basics of Agricultural Mechanization	3
ESWS 202 & 202L	Principles of Soil Science and Principles of Soil Science Laboratory	4
AGRL 191	First-Year Seminar	1
A&VS 251 & 251L	Principles of Animal Science and Principles of Animal Science Laboratory	4
PLSC 206 & 206L	Principles of Plant Science and Principles of Plant Science Laboratory (GEF 8)	4
A&VS/AEM/AFCS/AGBI/AGEE/ANNU/ANPR/ARE/ARGL/EQST/FDST/FNRS/FOR/HORT Electives		10
Total Hours		60

## Suggested Plan of Study

### First Year

Fall	Hours	Spring	Hours
BIOL 101 & 101L (GEF 2)		4 BIOL 102 & 102L (GEF 8)	4
MATH 124 (GEF 3)		3 ENGL 101 (GEF 1)	3
AGEE 103S		3 AGRL/FOR/HORT Elective (ANPR 338 Recommended)	3
AGRL 191		1 AGRL/FOR/HORT Elective	1
GEF 4 (ARE 150 Recommended)		3 GEF 5 or 6	3
		14	14

### Second Year

Fall	Hours	Spring	Hours
CHEM 111 & 111L (GEF 8)		4 CHEM 112 & 112L	4
ENGL 102 (GEF 1)		3 ESWS 202 & 202L	4
PLSC 206 & 206L (GEF 8)		4 A&VS 251 & 251L	4
AGRL/FOR/HORT Elective (AGEE 203 Recommended)		3 AGRL/FOR/HORT Elective (AGEE 110 Recommended)	3
GEF 7 (AGEE 101 Recommended)		3	
		17	15

Total credit hours: 60

## **Major Learning Outcomes**

### **GENERAL AGRICULTURE**

1. Demonstrate an understanding of basic knowledge and skills in for agricultural science and businesses.
2. Utilize basic oral, written and computer knowledge and skills in agricultural business for clear and precise communication.
3. Develop effective solutions to problems or issues in agricultural using theories and skills.