

# Animal Science, A.S.

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## Degree Offered

- Associate of Science

## Nature of the Program

This curriculum provides an opportunity to acquire the necessary background in agricultural economics, agronomy, breeding, nutrition, pathology, and physiology for careers in animal, dairy, or poultry production and management.

## Career Opportunities

Employment is available in private industry, education, and federal and state agencies. Career opportunities include: animal, dairy, and poultry production and meat processing; testing and inspecting; technical sales; and basic research.

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## FACULTY

### CHAIR

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

## 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
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	4
CHEM 111 & 111L	Survey of General, Organic, and Biological Chemistry 1 and Survey of Chemistry 1 Laboratory	4
CHEM 112 & 112L	Survey of General Organic Biological Chemistry 2 and Survey of Chemistry 2 Laboratory	4
A&VS 150	Introduction to Animal Science	2
A&VS 251 & 251L	Principles of Animal Science and Principles of Animal Science Laboratory	4
AGEE 101	Global Food and Agricultural Industry	3
AGEE 110 or CS 101	Microcomputer Applications in Agricultural Education Intro to Computer Applications	3
AGEE 220	Group Organization and Leadership	3
ARE 150	Introductory Agricultural and Agribusiness Economics (GEF 4)	3
AGRL 191	First-Year Seminar	1
ESWS 202 & 202L	Principles of Soil Science and Principles of Soil Science Laboratory	4
PLSC 206 & 206L	Principles of Plant Science and Principles of Plant Science Laboratory	4
WMAN 150	Principles of Conservation Ecology (GEF 7)	3
Elective (AGEE, AGRL, AGRN, ARE, CDFS, ENVP, EQST, FMAN, FOR, HN&F, HORT, LARC, PLSC, SAGE, WDSC, and WMAN)		3
Elective		2
Total Hours		60

## Suggested Plan of Study

### First Year

Fall	Hours	Spring	Hours
ENGL 101 (GEF 1)		3 ENGL 102 (GEF 1)	3
BIOL 101 & 101L (GEF 2)		4 BIOL 102 & 102L	4
MATH 124 (GEF 3)		3 WMAN 150 (GEF 7)	3
ARE 150 (GEF 4)		3 AGRL Elective	3
A&VS 150		2 Elective	1
AGRL 191		1	
		16	14

### Second Year

Fall	Hours	Spring	Hours
CHEM 111 & 111L		4 CHEM 112 & 112L	4
AGEE 101		3 ESWS 202 & 202L	4
AGEE 110 or CS 101		3 A&VS 251 & 251L	4
PLSC 206 & 206L		4 AGEE 220	3
Elective		1	
		15	15

Total credit hours: 60

## Major Learning Outcomes

### ANIMAL SCIENCE

1. Demonstrate an understanding of basic knowledge and skills in animal production, management and marketing.

2.Utilize basic oral, written and computer knowledge and skills in animal production, management and marketing for clear and precise communication.

3.Develop effective solutions to problems or issues in animal production, management and marketing using theories and skills.