

Animal Science AAS Degree Courses

Award: Associate of Applied Science (AAS)

Required number of credits: 69

Program Start: Fall, Spring, Summer

2021–2022 Suggested Sequence of Study



The following suggested sequence of study is for new full-time students starting the program Fall 2021, Spring 2022, or Summer 2022. Part-time students should visit with a program advisor for a modified sequence of study.



When registering for classes refer to your **Academic Evaluation** to see your specific program requirements and ensure proper registration.



Courses are subject to change.

◆ General education course.

▣ Non-transfer general education course.

▶ Course has a prerequisite and/or corequisite.

O Course meets 100% online.

E Course meets face-to-face after 5:00pm.

8WK1 Course meets the first 8 weeks of the semester.

8WK2 Course meets the second 8 weeks of the semester.

Semester 1

AGA-114 Principles of Agronomy -OR-	3
<u>Natural Science Elective</u>	3
AGC-103 Ag Computers	3
AGS-113 Survey of the Animal Industry	3
PSY-111 Introduction to Psychology -OR-	O E 3 ◆
SOC-110 Introduction to Sociology -OR-	O E 3 ◆
SOC-115 Social Problems -OR-	O E 3 ◆
PSY-102 Human and Work Relations	3 ◆
SPC-101 Fundamentals of Oral Communication	O E 3 ◆
<u>Animal Science / Agriculture Elective</u>	3

Total Credits 18

Semester 2

AGA-154	Fundamentals of Soil Science -OR-		3
	<u>Natural Science Elective</u>		3
AGS-225	Swine Science -OR-	8WK1	3
AGS-226	Beef Cattle Science -OR-	8WK1	3
AGS-216	Equine Science	8WK2	3
AGS-319	Animal Nutrition		3
ENG-105	Composition I ► -OR-	O E	3 ♦
COM-781	Written Communication in the Workplace ►		3 ▣
MAT-772	Applied Math -OR-		3 ▣
MAT-110	Math for Liberal Arts ► -OR-	O E	3 ♦
MAT-121	College Algebra ►		4 ♦
	<u>Math Elective</u>		3
Total Credits 15			

Semester 3

ACC-131	Principles of Accounting I ► -OR-	O E	4 ♦
ACC-115	Introduction to Accounting		4 ▣
AGB-235	Introduction to Agriculture Markets -OR-		3
AGS-211	Issues Facing Animal Science -OR-		2
	<u>Animal Science / Agriculture Elective</u>		3
AGS-211	Issues Facing Animal Science		2
AGS-218	Domestic Animal Physiology ►		4
	<u>Animal Science or Agriculture Elective</u>		3
	<u>Natural Science Elective</u>		4
Total Credits 20			

Semester 4

AGS-225	Swine Science -OR-	8WK1	3
AGS-226	Beef Cattle Science -OR-	8WK1	3
AGS-216	Equine Science	8WK2	3
AGS-272	Foods of Animal Origin ► -OR-	8WK1	5
AGC-999	Study Abroad -OR-		3 ♦
	<u>Animal Science / Agriculture Elective</u>		3
AGT-805	Employment Experience	8WK2	5
	<u>Animal Science / Agriculture Elective</u>		3
Total Credits 16			

Animal Science and Agriculture Electives

AGA-214	Cash Grains		3
AGA-284	Pesticide Application Certification		3
AGA-376	Integrated Pest Management	8WK2	3
AGB-101	Agricultural Economics		3
AGB-303	Agriculture Leadership		3
AGB-330	Farm Business Management	8WK1	3 ♦
AGB-336	Agricultural Selling	8WK1	3
AGP-333	Precision Farming Systems		3
AGP-450	Fundamentals of GIS		3
AGS-216	Equine Science	8WK2	3
AGS-225	Swine Science	8WK1	3
AGS-226	Beef Cattle Science	8WK1	3
AGS-275	Food Safety and Analysis		3
AGS-305	Livestock Evaluation		3
AGV-101	Veterinary Assisting ►		3
AGV-121	Veterinary Medical Terminology	8WK1	2
AGV-123	Companion Animal	8WK2	3
AGV-140	Veterinary Pharmacology ►		3
AGV-154	Veterinary Reception and Administration Skills		4

Natural Science Electives

BIO-105	Introductory Biology	E	4 ♦
BIO-112	General Biology I		4 ♦
BIO-113	General Biology II		4 ♦
BIO-151	Nutrition	O E	3 ♦
BIO-163	Essentials of Anatomy and Physiology	E	4 ♦
BIO-168	Human Anatomy and Physiology I	E	4 ♦
BIO-186	Microbiology	E	4 ♦
CHM-122	Introduction to General Chemistry ►	E	4 ♦
CHM-132	Introduction to Organic and Biochemistry ►		4 ♦
CHM-165	General Chemistry I ►		4 ♦
CHM-175	General Chemistry II ►		4 ♦
CNS-121	Environmental Conservation	O	3 ♦
ENV-115	Environmental Science	O E	3 ♦
PHS-120	Exploring Physical Science ►	E	4 ♦
PHS-152	Astronomy ►	E	4 ♦
PHY-162	College Physics I ►		4 ♦
PHY-172	College Physics II ►		4 ♦

Math Electives

MAT-128	Precalculus ▶	4	◆
MAT-134	Trigonometry and Analytic Geometry ▶	3	◆
MAT-156	Statistics ▶	O E 3	◆
MAT-210	Calculus I ▶	4	◆
MAT-216	Calculus II ▶	4	◆
MAT-219	Calculus III ▶	4	◆