

Agriculture Major with Animal Science Concentration

Degree Type

Major

A total of 50 hours is required.

Required Courses

Common Core 26 hours including 4 hours from Agriculture Natural Science electives.

Item #	Title	Credits
AG132	PRINCIPLES OF CROP AND ANIMAL SCIENCE PRODUCTION I	4
AG133	PRINCIPLES OF CROP AND ANIMAL SCIENCE PRODUCTION II	4
AG134	EXPLORING AGRICULTURE	2
AG138	COMPUTER APPLICATIONS IN AGRICULTURE I	2
AG244	AGRICULTURAL ECONOMICS	4
AG338	COMPUTER APPLICATIONS IN AGRICULTURE II	2
AG495	SEMINAR IN AGRICULTURE	4

As part of Common Core (26 hours) is the Natural Science requirement: select one to complete (4 hours).

Item #	Title	Credits
AG130G	FUNDAMENTALS OF HORTICULTURE	4
BI100/100G	TOPICS IN BIOLOGY	4
BI131	HUMAN NUTRITION	4
BI203	HUMAN BIOLOGY	4
BI230	BIOLOGICAL SCIENCES I	4
BI231	BIOLOGICAL SCIENCES II	4
CH101G	CHEMISTRY AND THE ENVIRONMENT	4
CH230	PRINCIPLES OF CHEMISTRY I	4
CH231	PRINCIPLES OF CHEMISTRY II	4
EQ240	EQUINE HEALTH MANAGEMENT	4
EQ349	PRINCIPLES AND STUDY OF EQUINE PRODUCTION/ REPRODUCTION	4
ES101G	ENVIRONMENTAL SCIENCE	4
HS344	ANATOMY & PHYSIOLOGY I	4
HS345	ANATOMY & PHYSIOLOGY II	4
	PHXXX ANY COURSE IN PHYSICS	4

Animal Science Core

6 hours

Item #	Title	Credits
	AG240 INTRODUCTORY FOOD SCIENCE OR AG246 PATHWAYS IN ANIMAL SCIENCE	2
AG349	ANIMAL NUTRITION	4

Animal Science Electives

10 hours from the following:

Item #	Title	Credits
AG340	MEAT AND FOOD ANIMAL SCIENCE	4
AG343	DAIRY SCIENCE	4
AG344	SHEEP SCIENCE	4
AG345	SWINE SCIENCE	4
AG346	BEEF SCIENCE	4
AG347	ANIMAL HEALTH	2
AG350	TOPICS IN AGRICULTURE	2
AG374	ANIMAL GENETICS	2
AG375	ANIMAL REPRODUCTION	2
AG485	AGRICULTURE PRACTICUM	1-2
EQ349	PRINCIPLES AND STUDY OF EQUINE PRODUCTION/ REPRODUCTION	4
EQ495	EQUINE BUSINESS SEMINAR	4

AG350 – 2 hour maximum

AG485 – 2 hour maximum

Agricultural Business Electives

4 hours from the following:

Item #	Title	Credits
AG333	OPERATIONS MANAGEMENT	2
AG350	TOPICS IN AGRICULTURE	2
AG361	COMMODITY MARKETING	4
AG362	AGRICULTURAL LEADERSHIP THEORY/PRACTICE	4
AG363	AGRICULTURAL FINANCE	4
AG365	SALESMANSHIP IN AGRICULTURE	4
AG366	AGRICULTURAL LAW	2
AG373	PERCEPTIONS OF AGRICULTURAL AND COMMUNITY ISSUES	4
AG460	AGRICULTURAL POLICY	2
AG462	FARM MANAGEMENT	4

AG350 – 2 hour maximum

Agronomy Electives

4 hours from the following:

Item #	Title	Credits
AG330	FOUNDATIONS OF SOIL SCIENCE	4
AG331	SOIL FERTILITY	4
AG332	AGROECOLOGY	4
AG334	WEED MANAGEMENT	4
AG335	ORGANIC FARMING	4
AG348	PLANT HEALTH	2
AG350	TOPICS IN AGRICULTURE	2
AG364G	WORLD FOOD	4
AG436G	GRAIN CROP PRODUCTION	4
AG437	FORAGE PRODUCTION AND MANAGEMENT	4
AG439	SOIL CONSERVATION	2
AG485	AGRICULTURE PRACTICUM	1-2

AG350 – 2 hour maximum

AG485 – 2 hour maximum

Total Credits	98
Includes 48 Credits of General Education	