

FARM AND RANCH MANAGEMENT

Associate in Applied Science Checklist

- View the General Education Matrix for a complete list of qualifying courses.
- Fulfill the College Degree Requirements in conjunction with this degree plan.
- Consult an Academic Advisor to ensure all academic requirements are met.

Summary

Prescribed Program	31-32
General Education	15
Electives	17-26
Digital Literacy	
Total Credits	63-73

Degree Plan Semesters

Course	Title	Credits
1st Year		
Fall Semester		
Prescribed Program		
AGRI 115	Agricultural Solutions	3
ANSC 114	Introduction to Animal Sciences	2
ANSC 114L	Introduction to Animal Sciences Lab	1
H&CE 241	Leadership and Presentation Techniques	2
PAG 115	Introduction to Precision Agriculture	3
General Education		
Written or Oral Communications		
ENGL 110	College Composition I (Required)	3
Business, Math, Science & Technology		
PLSC 110	World Food Crops (Required)	2
PLSC 110L	World Food Crops Lab (Required)	1
Prescribed Electives		
Select 0-3 credits from the list below ¹		0-3
Credits		17-20
Spring Semester		
Prescribed Program		
AGEC 246	Introduction to Agricultural Finance	3
General Education		
Arts & Humanities/Social & Behavioral Science		
ECON 201	Principles of Microeconomics (Required)	3
Prescribed Electives		
Select 6-9 credits from the list below ¹		6-9
Credits		12-15
Summer Semester		
Prescribed Program		
AGRI 297	Cooperative Education/Internship (Farm and Ranch)	2
Credits		2

2nd Year**Fall Semester****Prescribed Program**

AGEC 242	Introduction to Agricultural Management	3-4
AGEC 252	Farm Management Seminar	3
SOIL 210	Introduction to Soil Science	2
SOIL 210L	Introduction to Soil Science Lab	1

General Education

Written or Oral Communications

Select one of the following: 3

ENGL 120	College Composition II
ENGL 125	Introduction to Professional Writing
COMM 110	Fundamentals of Public Speaking

Prescribed ElectivesSelect 5-6 credits from the list below ¹ 5-6

Credits 17-19

Spring Semester**Prescribed Program**

AGEC 244	Introduction to Agricultural Marketing	3
ANSC 123	Feeds and Feeding	2
ANSC 123L	Feeds and Feeding Lab	1

General Education

Business, Math, Science & Technology

CSCI 101 Introduction to Computers (Required) 3

Prescribed ElectivesSelect 6-8 credits from the list below ¹ 6-8

Credits 15-17

Total Credits 63-73

Digital Literacy

Select one of the following:

ENGL 110	College Composition I
NDUS Institution Approved Training Course	
NDUS Institution Designated Digital Literacy Course	

Footnotes¹

A total of 17 Prescribed Electives are required for degree.

Prescribed Electives

AGEC 141	Introduction to Agribusiness Management (Spring only)	1-2
AGEC 250	AgriSales (Spring only)	3
AGEC 251	Agribusiness Management and Entrepreneurship (Spring)	2
AGRI 191	First Year Seminar (Fall only)	1-2
AGRI 289	Agriculture Industry Training	1-3
ANSC 220	Livestock Production (Spring only)	2
ANSC 220L	Livestock Production Lab (Spring only)	1
ANSC 252	Large Ruminant Production (Spring only)	2
ANSC 255	Livestock Technology (Spring only)	2
ASM 130	Agriculture Industry Machinery Operation (Spring only)	2
ASM 175	Agriculture Industry Skills (Fall only)	3

ASM 244	Agricultural Machinery Technology	2
PAG 215	Mapping of Precision Ag Data (Spring only)	2
PAG 286	Advanced Mapping (Spring only)	2
PAG 276	Data Collection and Management (Fall only)	2
PLSC 223	Introduction to Weed Science (Spring only)	2
PLSC 223L	Introduction to Weed Science Lab (Spring only)	1
PLSC 225	Principles of Crop Production (Fall only)	3
PLSC 235	Field Scouting Techniques (Spring only)	2
PLSC 235L	Field Scouting Techniques Lab (Summer only)	1
PLSC 243	Advanced Weed Science (Spring only)	2
PLSC 245	Advanced Crop Production (Spring only)	2
RNG 236	Introduction to Range Management (Fall only)	3
SOIL 222	Soil Fertility and Fertilizers (Spring only)	2
SOIL 222L	Soil Fertility and Fertilizers Lab (Spring only)	1
VETS 101	Introduction to Veterinary Science (Spring only)	2
VETS 239	Animal Health (Fall only)	3