

Bachelor of Science (B.S.) in Agronomy

Curriculum Map

Required Coursework – 120 hrs.

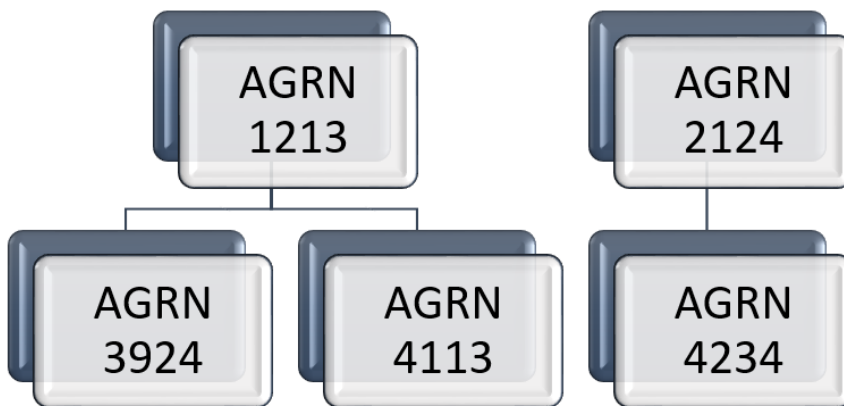
General Education Requirements (40 hours)	Sem	Grade
English Composition – 9 hours		
___ ENGL 1113 Freshman English I		
___ ENGL 1213 Freshman English II		
___ Communications Elective _____		
Mathematics – 3 hours		
___ MATH 1523 Modeling and Basic Statistics		
Natural Science – 9* hours		
___ BIOL 1304 Principles of Biology I		
___ CHEM 1135 General Chemistry I		
U.S. History and Government – 6 hours		
___ HIST 1313 or HIST 1323 US History		
___ POLS 1013 American Government		
Social Science – 6 hours		
___ AG 2343 Agriculture Economics**		
___ Social Science e.g., PSYC 1113, SOC 1013		
Humanities – 6 hours		
___ HUM		
___ HUM		
Student Success – 1 hour		
___ UCSS 1111 Student Success Seminar		
Liberal Arts and Science Electives – 1 hour*		
___ Additional CHEM 1135 hour will count		
Major Requirements (80 hours)		
Agriculture Core – 6 hours (**Includes AG 2343)		
___ AG 1011 Introduction to the Ag Industry		
___ AG 1022 Math Applications in Agriculture		
Agronomy Core – 26 hours		
___ AGRN 1213 Fundamentals of Plant Science		
___ AGRN 2111 Plant and Seed Identification		
___ AGRN 2124 Fundamentals of Soil Science		
___ AGRN 3223 Grain, Oilseed, and Pulse Crops		
___ AGRN 3924 Range Management		
___ AGRN 3343 Integrated Pest Management		
___ AGRN 4113 Weed Science		
___ AGRN 4234 Soil Fertility		
___ AGRN 4571 Agronomy Seminar		
Animal Science – 8 hours		
___ ANSI 1124 Introduction to Animal Science		
___ ANSI 2124 Livestock Feeding		
Chemistry – 10 hours		
___ CHEM 1135 General Chemistry I		
___ CHEM 3315 Organic Chemistry I		
Biology – 8 hours		
___ BIOL 1504 Principles of Biology II		
___ BIOL 3054 Entomology or BIOL 3344 Mycology and Plant Pathology		
Earth Science – 4 hours		
___ EASC 1114 Introductory Geology		
Agronomy Electives – 7 hours		
___ AGRN		
___ AGRN		

Recommended Plan of Study

First Semester – 15 hours	Second Semester – 17 hours
ENGL 1113 Freshman English I	ENGL 1213 Freshman English II
MATH 1523 Modeling and Basic Statistics	AGRN 2124 Fundamentals of Soil Science
AGRN 1213 Intro to Plant Science	HIST 1313 or HIST 1323 US History
AGRN 2111 Plant and Seed Identification	BIOL 1304 Principles of Biology I
UCSS 1111 Student Success Seminar	POLS 1013 American Government
AG 1011 Introduction to the Ag Industry	
Humanities – 3 hours	
Third Semester – 14 hours	Fourth Semester – 16 hours
AG 1022 Math Applications in Agriculture	AG 2343 Agriculture Economics
AGRN 3223 Grain, Oilseed, and Pulse Crops	EASC 1114 Introductory Geology
ANSI 1124 Introduction to Animal Science	Humanities – 3 hours
CHEM 1135 General Chemistry I	Social Science e.g., PSYC 1113, SOC 1013
	Communications Elective – COMM 1113 Suggested
Fifth Semester – 15 hours	Sixth Semester – 14 hours
CHEM 3315 – Organic Chemistry I	AGRN 4234 Soil Fertility
AGRN 3924 Range Management	AGRN and/or Other Electives – 6 hours
AGRN 3343 Integrated Pest Management	BIOL 1504 Principles of Biology II
ANSI 2124 Livestock Feeding	
Seventh Semester – 15 hours	Eighth Semester – 14 hours
BIOL 3054 Entom. or BIOL 3344 Myc. and Plant Path.	AGRN 4113 Weed Science
AGRN and/or Other Electives – 11 hours	AGRN 4571 Agronomy Seminar
	AGRN and/or Other Electives – 10 hours

This is a sample course sequence timeline only. This does not represent a contract, nor does it guarantee course availability. A student may require more than eight semesters to complete the degree.

Agronomy course sequence to be followed:



Notes to Advisees:

- No more than 12 semester hrs. may be used for both general educ. and major requirements.
- All courses toward the Agronomy major must have a grade of C or better.
- Overall GPA of 2.0 is required for graduation.

Course Rotation:

Fall only courses:

- ANSI 1124 Intro to Animal Science
- AGRN 1213 Fundamentals of Plant Science
- AGRN 3223 Grain, Oilseed, and Pulse Crops
- AGRN 3343 Integrated Pest Management
- AGRN 3924 Range Management
- AG 1022 Math Applications in Agriculture
- CHEM 3315 Organic Chemistry I
- BIOL 3054 Entom. or BIOL 3344 Myc. and Plant Path.

Spring only courses:

- AGRN 2124 Fundamentals of Soil Science
- AGRN 4113 Weed Science
- AGRN 4234 Soil Fertility
- AGRN 4571 Agronomy Seminar

Electives – Choose from agronomy, biology, chemistry, earth science, agriculture, animal science, business economics or mathematics. Sufficient to bring upper level hours to 40 and total credit hours to 120.

