

<b>Student ID:</b> _____ <b>Student Name:</b> _____ <b>Adviser Name:</b> _____	<b>Catalog: 2019-2020 Undergraduate Catalog</b> <b>Program: Agriculture, Agronomy &amp; Soils</b> <b>Concentration, B.S.AG.</b> <b>Minimum Credits Required:</b> _____
--	---

## Agriculture, Agronomy & Soils Concentration, B.S.AG.

### Curriculum

#### Freshman Year

##### First Semester

Course Name	Credit	Term Taken	Grade	Gen Ed
ENGL 1010 - English Composition I	Credit: 3.			
AGRN 1100 - Plant Science	Credit: 3.			
AGRN 1110 - Plant Science Laboratory Corequisite: AGRN 1100 unless credit for AGRN 1100 has previously been earned.	Credit: 1.			
CHEM 1010 - Introductory Chemistry I or	Credit: 4.			
CHEM 1110 - General Chemistry I	Credit: 4.			
AGHE 1020 - Connections in Agriculture and Human Ecology Prerequisite: Freshman classification.	Credit: 1.			

##### Any one:

Course Name	Credit	Term Taken	Grade	Gen Ed
MATH 1130 - College Algebra	Credit: 3.			
MATH 1530 - Introductory Statistics	Credit: 3.			
MATH 1630 - Finite Mathematics	Credit: 3.			
MATH 1830 - Applied Calculus Prerequisite: ACT Math score of 25 or above and three years of high school mathematics, including algebra and geometry; or, special permission of the Mathematics Department; or, C or better in MATH 1130 or MATH 1710 or equivalent.	Credit: 3.			
MATH 1910 - Calculus I Prerequisite: ACT Math score of 27 or above and four years of high school mathematics, including algebra, geometry, trigonometry, and advanced or pre-calculus mathematics; or, special permission of the Mathematics Department; or, C or better in MATH 1730; or, C or better in MATH 1720 and MATH 1710; or equivalent.	Credit: 4.			

**Total: 15**

#### Second Semester

Course Name	Credit	Term Taken	Grade	Gen Ed
ENGL 1020 - English Composition II Prerequisite: ENGL 1010.	Credit: 3.			
ANS 1200 - Introductory Animal Science	Credit: 3.			
ANS 1210 - Introductory Animal Science Laboratory Corequisite: ANS 1200 unless credit for ANS 1200 has previously been earned.	Credit: 1.			
CHEM 1020 - Introductory Chemistry II or Prerequisite: CHEM 1010.	Credit: 4.			
CHEM 1120 - General Chemistry II	Credit: 4.			

Prerequisite: CHEM 1110 with a grade of C or better.				
DS 2810 - Computer Applications in Business	Credit: 3.			
<b>Any one:</b>				
<b>Course Name</b>	<b>Credit</b>	<b>Term Taken</b>	<b>Grade</b>	<b>Gen Ed</b>
MATH 1130 - College Algebra	Credit: 3.			
MATH 1530 - Introductory Statistics	Credit: 3.			
MATH 1630 - Finite Mathematics	Credit: 3.			
MATH 1910 - Calculus I Prerequisite: ACT Math score of 27 or above and four years of high school mathematics, including algebra, geometry, trigonometry, and advanced or pre-calculus mathematics; or, special permission of the Mathematics Department; or, C or better in MATH 1730; or, C or better in MATH 1720 and MATH 1710; or equivalent.	Credit: 4.			
<b>Total: 17</b>				
<b>Sophomore Year</b>				
<b>First Semester</b>				
<b>Course Name</b>	<b>Credit</b>	<b>Term Taken</b>	<b>Grade</b>	<b>Gen Ed</b>
COMM 2025 - Fundamentals of Communication or	Credit: 3.			
PC 2500 - Communicating in the Professions Prerequisite: ENGL 1020 or concurrent enrollment in ENGL 1020.	Credit: 3.			
ENGL 2130 - Topics in American Literature or Prerequisite: ENGL 1020.	Credit: 3.			
ENGL 2235 - Topics in British Literature or Prerequisite: ENGL 1020.	Credit: 3.			
ENGL 2330 - Topics in World Literature Prerequisite: ENGL 1020.	Credit: 3.			
AGET 2110 - Agricultural Engineering Technology and Corequisite: AGET 2115.	Credit: 2.			
AGET 2115 - Agricultural Engineering Technology Laboratory Corequisite: AGET 2110.	Credit: 1.			
or				
AGET 3110 - Natural Resource Systems and Corequisite: AGET 3115.	Credit: 2.			
AGET 3115 - Natural Resource Systems Laboratory Corequisite: AGET 3110.	Credit: 1.			
AGBE 2100 - Economics of Agriculture	Credit: 3.			
AGRN 3100 - Turfgrass Management Prerequisite: AGRN 1100 and AGRN 1110 or consent of instructor.	Credit: 3.			
HIST 2010 - Early United States History	Credit: 3.			
<b>Total: 18</b>				
<b>Second Semester</b>				
<b>Course Name</b>	<b>Credit</b>	<b>Term Taken</b>	<b>Grade</b>	<b>Gen Ed</b>
AGHE 2022 - Professionalism in Agriculture and Human Ecology	Credit: 1.			
AGRN 3000 - Soils	Credit: 4.			

Prerequisite: CHEM 1020 or CHEM 1120 or consent of instructor.				
BIOL 2310 - General Botany Prerequisite: It is highly recommended that students wait until their Sophomore year to take this course.	Credit: 4.			
HIST 2020 - Modern United States History	Credit: 3.			
Social/Behavioral Science Elective Credit: 3. <sup>3</sup>				
<b>Total: 15</b>				
<b>Junior Year</b>				
<b>First Semester</b>				
<b>Course Name</b>	<b>Credit</b>	<b>Term Taken</b>	<b>Grade</b>	<b>Gen Ed</b>
Humanities/Fine Arts Elective Credit: 3. <sup>2</sup>				
AGHT 3030 - Integrated Pest Management Prerequisite: BIOL 1123.	Credit: 3.			
AGRN 3020 - Crops in Sustainable Systems Prerequisite: AGRN 1100 and AGRN 1110.	Credit: 3.			
AGRN 3230 - Environmental Soil Science or Prerequisite: AGRN 2300, AGRN 2310.	Credit: 4.			
AGRN 4230 (5230) - Soil Classification Prerequisite: AGRN 2300, AGRN 2310 or consent of instructor.	Credit: 3.			
BIOL 3200 - General Microbiology or Prerequisite: BIOL 1123.	Credit: 4.			
BIOL 3330 - Entomology	Credit: 3.			
<b>Total: 15-16</b>				
<b>Second Semester</b>				
<b>Course Name</b>	<b>Credit</b>	<b>Term Taken</b>	<b>Grade</b>	<b>Gen Ed</b>
Social/Behavioral Science Elective Credit: 3. <sup>3</sup>				
CHEM 3005 - Elementary Organic Chemistry or Prerequisite: CHEM 1020 or CHEM 1120.	Credit: 4.			
ESS 3710 - Chemistry and the Environment Prerequisite: CHEM 1010.	Credit: 3.			
AGRN 4130 (5110) - Forage Crops Production and Management Prerequisite: AGRN 1100, AGRN 1110 and AGRN 2300, AGRN 2310.	Credit: 3.			
Upper-Division Agriculture Elective Credit: 3. <sup>1</sup>				
<b>Total: 12-13</b>				
<b>Senior Year</b>				
<b>First Semester</b>				
<b>Course Name</b>	<b>Credit</b>	<b>Term Taken</b>	<b>Grade</b>	<b>Gen Ed</b>
Humanities/Fine Arts Elective Credit: 3. <sup>2</sup>				
AGHE 4500 - Senior Seminar Prerequisite: Senior standing.	Credit: 1.			
AGRN 4100 (5100) - Weed Science Prerequisite: AGRN 1100 and AGRN 1110 or consent of instructor.	Credit: 3.			

Upper-Division Agriculture Elective Credit: 3. <sup>1</sup> Electives Credit: 3-7.				
<b>Total: 13-17</b>				
<b>Second Semester</b>				
Course Name	Credit	Term Taken	Grade	Gen Ed
AGRN 4210 (5210) - Soil Fertility and Fertilizers Prerequisite: AGRN 2300, AGRN 2310 or consent of instructor.	Credit: 3.			
Upper-Division Agriculture Elective Credit: 3. <sup>1</sup>				
AGRN 4120 (5120) - Crop Improvement or Prerequisite: AGRN 1100 and AGRN 1110 or consent of instructor.	Credit: 3.			
ANS 3130 - Animal Breeding or	Credit: 3.			
BIOL 3810 - General Genetics Prerequisite: BIOL 1113.	Credit: 4.			
AGHE 3000 - (WSL2) Leadership and Service or	Credit: 3.			
AGHE 3200 - Study Abroad Exploration or Prerequisite: Sophomore standing and/or 30 credit hours toward degree program.	Credit: 1-6.			
AGHE 3275 - Research in Agriculture and Human Ecology Prerequisite: Sophomore standing, AGHE 2022.	Credit: 3.			
<b>Total: 12</b>				
<b>Note:</b>				
<b>Notes:</b>				