

Student ID: \_\_\_\_\_

Student Name: \_\_\_\_\_

Adviser Name: \_\_\_\_\_

Catalog: 2020-2021 Undergraduate Catalog

Program: Agriculture, Agricultural Engineering Technology Concentration, B.S.AG.

Minimum Credits Required: \_\_\_\_\_

Agriculture, Agricultural Engineering Technology 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.			

Select 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 1730 - Pre-calculus Mathematics Prerequisite: ACT Math score of 25 or higher or equivalent placement exam score. Two years of high school algebra, one year of high school geometry, and 12 weeks of trigonometry.	Credit: 5.			
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: 15-17

Second Semester

Course Name	Credit	Term Taken	Grade	Gen Ed

AGET 1500 - Practical Applications in Agricultural Systems	Credit: 2.			
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 Prerequisite: CHEM 1110 with a grade of C or better.	Credit: 4.			
DS 2810 - Computer Applications in Business	Credit: 3.			
ENGL 1020 - English Composition II Prerequisite: ENGL 1010.	Credit: 3.			

**Total: 16**

## Sophomore Year

### First Semester

Course Name	Credit	Term Taken	Grade	Gen Ed
AGET 2110 - Agricultural Engineering Technology Corequisite: AGET 2115.	Credit: 2.			
AGET 2115 - Agricultural Engineering Technology Laboratory Corequisite: AGET 2110.	Credit: 1.			
AGBE 2100 - Economics of Agriculture	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.			
• Social/Behavioral Science Elective Credit: 3. <sup>1</sup>				

### Select one:

Course Name	Credit	Term Taken	Grade	Gen Ed
BIOL 1010 - Introduction to Biology	Credit: 4.			
BIOL 1020 - Diversity of Life	Credit: 4.			
BIOL 1113 - General Biology I	Credit: 4.			
BIOL 1123 - General Biology II Prerequisite: BIOL 1113 is highly recommended.	Credit: 4.			
BIOL 2310 - General Botany Prerequisite: It is highly recommended that students wait until their Sophomore year to take this course.	Credit: 4.			
PHYS 2010 - Algebra-based Physics I Prerequisite: Background knowledge of high school Algebra and Geometry.	Credit: 4.			

PHYS 2020 - Algebra-based Physics II Prerequisite: PHYS 2010.	Credit: 4.			
<b>Total: 16</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 Prerequisite: CHEM 1020 or CHEM 1120 or consent of instructor.	Credit: 4.			
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.			
• Social/Behavioral Science Elective Credit: 3. <sup>1</sup>				
<b>Select one:</b>				
<b>Course Name</b>	<b>Credit</b>	<b>Term Taken</b>	<b>Grade</b>	<b>Gen Ed</b>
BIOL 1010 - Introduction to Biology	Credit: 4.			
BIOL 1020 - Diversity of Life	Credit: 4.			
BIOL 1113 - General Biology I	Credit: 4.			
BIOL 1123 - General Biology II Prerequisite: BIOL 1113 is highly recommended.	Credit: 4.			
BIOL 2310 - General Botany Prerequisite: It is highly recommended that students wait until their Sophomore year to take this course.	Credit: 4.			
PHYS 2010 - Algebra-based Physics I Prerequisite: Background knowledge of high school Algebra and Geometry.	Credit: 4.			
PHYS 2020 - Algebra-based Physics II Prerequisite: PHYS 2010.	Credit: 4.			
<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>
ACCT 3720 - Survey of Accounting	Credit: 3.			
AGET 3540 - Fundamentals of GIS and GPS in Agriculture and Natural Resources	Credit: 3.			
AGET 3620 - Computer-Aided Design in Agriculture Prerequisite: AGET 2110 or consent of instructor.	Credit: 3.			
HIST 2010 - Early United States History	Credit: 3.			
• Humanities/Fine Arts Elective Credit: 3. <sup>2</sup>				
<b>Total: 15</b>				
<b>Second Semester</b>				

Course Name	Credit	Term Taken	Grade	Gen Ed
AGET 3110 - Natural Resource Systems Corequisite: AGET 3115.	Credit: 2.			
AGET 3115 - Natural Resource Systems Laboratory Corequisite: AGET 3110.	Credit: 1.			
AGET 3320 - Small Power Equipment Corequisite: AGET 3325.	Credit: 2.			
AGET 3325 - Small Power Equipment Laboratory Corequisite: AGET 3320.	Credit: 1.			
• Upper Division Agriculture Elective Credit: 3. <sup>3</sup>				
HIST 2020 - Modern United States History	Credit: 3.			
• Humanities/Fine Arts Elective Credit: 3. <sup>2</sup>				
<b>Total: 15</b>				
<b>Senior Year</b>				
<b>First Semester</b>				
Course Name	Credit	Term Taken	Grade	Gen Ed
AGET 3520 - Agricultural Spatial Technologies I Prerequisite: AGRN 2300.	Credit: 3.			
AGET 4620 (5620) - Agricultural Structures	Credit: 3.			
• Upper Division Agriculture Elective Credit: 3. <sup>3</sup>				
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.			
BMGT 3510 - Management and Organization Behavior	Credit: 3.			
<b>Total: 15</b>				
<b>Second Semester</b>				
Course Name	Credit	Term Taken	Grade	Gen Ed
AGET 4220 (5220) - Agricultural Machinery and Tractors Corequisite: AGET 4225.	Credit: 2.			
AGET 4225 - Agricultural Machinery and Tractors Laboratory Corequisite: AGET 4220 (5220).	Credit: 1.			
AGET 4720 (5720) - Agricultural Processing	Credit: 3.			
AGET 4850 - Engineering Technology Design for Agriculture Prerequisite: Senior standing or consent of instructor.	Credit: 3.			
• Elective Credit: 0-1				
<b>Select one:</b>				
Course Name	Credit	Term Taken	Grade	Gen Ed

AGET 3510 - Agricultural Surveying	Credit: 3.			
AGET 3560 - Turf Systems Irrigation Design Corequisite: AGET 3565.	Credit: 2.			
AGET 3565 - Turf Systems Irrigation Design Laboratory Corequisite: AGET 3560.	Credit: 1.			
AGET 4510 (5510) - Agricultural Remote Sensing	Credit: 3.			
AGET 4520 (5520) - Agricultural Spatial Technologies II Prerequisite: AGET 3520.	Credit: 3.			
AGET 4540 (5540) - Advanced GIS for Agriculture and Natural Resources Prerequisite: AGET 3540 or instructor consent.	Credit: 3.			
AGET 4940 (5940) - Agricultural Engineering Technology Topics Prerequisite: Consent of instructor.	Credit: 1-4.			
AGET 4950 (5950) - Agricultural Engineering Technology Topics Prerequisite: Consent of instructor.	Credit: 1-4.			
AGET 4960 - Agricultural Engineering Technology Topics Prerequisite: Consent of instructor.	Credit: 1-4.			
AGET 4970 - Agricultural Engineering Technology Topics Prerequisite: Consent of instructor.	Credit: 1-4.			
AGET 4980 - Agricultural Engineering Technology Topics Prerequisite: Consent of instructor.	Credit: 1-4.			
AGR 4920 - Senior Problem Prerequisite: Senior standing.	Credit: 3.			
AGR 3940 - Advanced Internship Prerequisite: Junior or Senior standing and recommendation of advisor; must conform to departmental guidelines.	Credit: 3.			
AGR 3950 - Advanced Internship Prerequisite: Junior or Senior standing and recommendation of advisor; must conform to departmental guidelines.	Credit: 3.			
AGR 3960 - Advanced Internship Prerequisite: Junior or Senior standing and recommendation of advisor; must conform to departmental guidelines.	Credit: 3.			
<b>Total: 12-14</b>				
<b>Note:</b>				
<b>Notes:</b>				