

# Agriculture, Turfgrass Management Concentration, B.S.AG.

## Curriculum

### Freshman Year

#### First Semester

Course Name	Credit	Term Taken	Grade	Gen Ed
ENGL 1010 - English Composition I	Credit: 3.			
CHEM 1010 - Introductory Chemistry I or	Credit: 4.			
CHEM 1110 - General Chemistry I	Credit: 4.			
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.			
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: 15-16

#### Second Semester

Course Name	Credit	Term Taken	Grade	Gen Ed
ENGL 1020 - English Composition II	Credit: 3.			

Prerequisite: ENGL 1010.				
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.			
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.			
BIOL 2310 - General Botany Prerequisite: It is highly recommended that students wait until their Sophomore year to take this course.	Credit: 4.			

<b>Select 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 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.			
<b>Total: 18-19</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>
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.			
ECON 2010 - Principles of Microeconomics	Credit: 3.			
HIST 2010 - Early United States History	Credit: 3.			

ACCT 2110 - Principles of Accounting I Prerequisite: Sophomore standing or consent of instructor.	Credit: 3.			
DS 2810 - Computer Applications in Business	Credit: 3.			
<b>Total: 15</b>				
<b>Second Semester</b>				
<b>Course Name</b>	<b>Credit</b>	<b>Term Taken</b>	<b>Grade</b>	<b>Gen Ed</b>
ECON 2020 - Principles of Macroeconomics	Credit: 3.			
HIST 2020 - Modern United States History	Credit: 3.			
ACCT 2120 - Principles of Accounting II Prerequisite: ACCT 2110.	Credit: 3.			
AGBE 2100 - Economics of Agriculture	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.			
<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>
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.			
• Humanities/Fine Arts Elective Credit: 3. <sup>2</sup>				
AGRN 3100 - Turfgrass Management	Credit: 3.			
AGBE 3400 - Agricultural Finance Prerequisite: ACCT 2110.	Credit: 3.			
• Upper-Division Agriculture Elective Credit: 3. <sup>3</sup>				
<b>Total: 15</b>				
<b>Second Semester</b>				
<b>Course Name</b>	<b>Credit</b>	<b>Term Taken</b>	<b>Grade</b>	<b>Gen Ed</b>
AGET 3320 - Small Power Equipment Corequisite: AGET 3325.	Credit: 2.			
AGET 3325 - Small Power Equipment Laboratory	Credit: 1.			

Corequisite: AGET 3320.				
AGHT 3470 - Landscape Plant Materials	Credit: 3.			
AGRN 3000 - Soils Prerequisite: CHEM 1020 or CHEM 1120 or consent of instructor.	Credit: 4.			
BIOL 3330 - Entomology	Credit: 3.			
<b>Total: 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>				
AGRN 4100 (5100) - Weed Science Prerequisite: AGRN 1100 and AGRN 1110 or consent of instructor.	Credit: 3.			
AGBE 4030 - Agribusiness Management Prerequisite: AGBE 2100 and AGBE 3400.	Credit: 3.			
AGHE 4500 - Senior Seminar Prerequisite: Senior standing.	Credit: 1.			
• Directed Business Elective Credit: 3. <sup>1</sup>				
AGHE 2022 - Professionalism in Agriculture and Human Ecology	Credit: 1.			
<b>Total: 14</b>				
<b>Second Semester</b>				
<b>Course Name</b>	<b>Credit</b>	<b>Term Taken</b>	<b>Grade</b>	<b>Gen Ed</b>
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.			
AGHT 3030 - Integrated Pest Management	Credit: 3.			
AGRN 4210 (5210) - Soil Fertility and Fertilizers Prerequisite: AGRN 3000 or consent of instructor.	Credit: 3.			
• Upper-Division Agriculture Elective Credit: 3. <sup>3</sup> • Directed Business Elective Credit: 3. <sup>1</sup>				
<b>Total: 15</b>				
<b>Note:</b>				
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