

Student ID: _____ Student Name: _____ Adviser Name: _____	Catalog: 2019-2020 Undergraduate Catalog Program: Agriculture, Animal & Pre-Veterinary Science Concentration, Pre-Veterinary Science Option, B.S.AG. Minimum Credits Required: _____
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Agriculture, Animal & Pre-Veterinary Science Concentration, Pre-Veterinary Science Option, B.S.AG.

Curriculum

Freshman Year

First Semester

Course Name	Credit	Term Taken	Grade	Gen Ed
BIOL 1123 - General Biology II Prerequisite: BIOL 1113 is highly recommended.	Credit: 4.			
ENGL 1010 - English Composition I	Credit: 3.			
CHEM 1110 - General Chemistry I	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.			
AGHE 1020 - Connections in Agriculture and Human Ecology Prerequisite: Freshman classification.	Credit: 1.			

Total: 16

Second Semester

Course Name	Credit	Term Taken	Grade	Gen Ed
CHEM 1120 - General Chemistry II Prerequisite: CHEM 1110 with a grade of C or better.	Credit: 4.			
ENGL 1020 - English Composition II Prerequisite: ENGL 1010.	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.			
ANS 2020 - Livestock Management Prerequisite: ANS 1200 and ANS 1210.	Credit: 3.			

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 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.			

Total: 17

Sophomore Year

First Semester

Course Name	Credit	Term Taken	Grade	Gen Ed
AGBE 2100 - Economics of Agriculture	Credit: 3.			
BIOL 2310 - General Botany Prerequisite: It is highly recommended that students wait until their Sophomore year to take this course.	Credit: 4.			
CHEM 3010 - Organic Chemistry I Prerequisite: CHEM 1120 with a grade of C or better.	Credit: 4.			
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.			
Total: 14				
Second Semester				
Course Name	Credit	Term Taken	Grade	Gen Ed
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.			
CHEM 3020 - Organic Chemistry II Prerequisite: CHEM 3010 with a grade of C or better.	Credit: 4.			
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 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.			
Total: 13				
Junior Year				
First Semester				
Course Name	Credit	Term Taken	Grade	Gen Ed
AGRN 3000 - Soils Prerequisite: CHEM 1020 or CHEM 1120 or consent of instructor.	Credit: 4.			
ANS 3010 - Animal Nutrition	Credit: 3.			

Prerequisite: ANS 1200, ANS 1210, and CHEM 1020 or CHEM 1120.				
BIOL 3140 - Cellular Biology Prerequisite: BIOL 1123.	Credit: 4.			
PHYS 2010 - Algebra-based Physics I Prerequisite: Background knowledge of high school Algebra and Geometry.	Credit: 4.			
ANS 3140 - Reproduction in Farm Animals	Credit: 3.			
Total: 18				
Second Semester				
Course Name	Credit	Term Taken	Grade	Gen Ed
ANS 3130 - Animal Breeding	Credit: 3.			
ANS 3150 - Common Diseases and Parasites of Domestic Animals	Credit: 3.			
Humanities/Fine Arts Elective Credit: 3. ²				
PHYS 2020 - Algebra-based Physics II Prerequisite: PHYS 2010.	Credit: 4.			
Social/Behavioral Science Elective Credit: 3.				
Total: 16				
Senior Year				
First Semester				
Course Name	Credit	Term Taken	Grade	Gen Ed
AGHE 2022 - Professionalism in Agriculture and Human Ecology	Credit: 1.			
AGHE 4500 - Senior Seminar Prerequisite: Senior standing.	Credit: 1.			
ANS 3330 - Anatomy and Physiology of Livestock Animals 4000-Level ANS Production Course Credit: 3.	Credit: 3.			
CHEM 4610 (5610) - General Biochemistry I Prerequisite: CHEM 3010 and CHEM 3020, or consent of instructor.	Credit: 3.			
HIST 2010 - Early United States History	Credit: 3.			
Total: 14				
Second Semester				
Course Name	Credit	Term Taken	Grade	Gen Ed
HIST 2020 - Modern United States History	Credit: 3.			
Humanities/Fine Arts Elective Credit: 3. ² Social/Behavioral Science Elective Credit: 3. ²				
CHEM 4620 (5620) - General Biochemistry II Prerequisite: CHEM 4610 (5610).	Credit: 3.			
Total: 12				
Note:				
Notes:				