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

Curriculum

Freshman Year

First Semester

| Course Name | Credit | Term Taken | Grade | Gen Ed |
|---|------------|------------|-------|--------|
| ENGL 1010 - English Composition I | 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. | | | |
| AGHE 1020 - Connections in Agriculture and Human Ecology Prerequisite: Freshman classification. | Credit: 1. | | | |
| BIOL 1123 - General Biology II Prerequisite: BIOL 1113 is highly recommended. | 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: 15

Second Semester

| Course Name | Credit | Term Taken | Grade | Gen Ed |
|--|------------|------------|-------|--------|
| ENGL 1020 - English Composition II Prerequisite: ENGL 1010. | Credit: 3. | | | |
| AGBE 2100 - Economics of Agriculture | Credit: 3. | | | |
| DS 2810 - Computer Applications in Business | 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. | | | |

Total: 16

Sophomore Year

First Semester

| Course Name | Credit | Term Taken | Grade | Gen Ed |
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|-------------|--------|------------|-------|--------|

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| CHEM 1010 - Introductory Chemistry I or | Credit: 4. | | | |
| CHEM 1110 - General Chemistry I | Credit: 4. | | | |
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| 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. | | | |
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| HIST 2010 - Early United States History | Credit: 3. | | | |
| ANS 2110 - Livestock Evaluation Prerequisite: ANS 1200 and ANS 1210. | Credit: 3. | | | |
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| 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: 16 | | | | |
| Second Semester | | | | |
| Course Name | Credit | Term Taken | Grade | Gen Ed |
| 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. | | | |
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| 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. | | | |
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| HIST 2020 - Modern United States History Elective Credit: 1. | 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: 14 | | | | |
| Junior Year | | | | |
| First Semester | | | | |
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| 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 Prerequisite: ANS 1200, ANS 1210, and CHEM 1020 or CHEM 1120. | Credit: 3. | | | |
| ANS 3130 - Animal Breeding | Credit: 3. | | | |
| CHEM 3005 - Elementary Organic Chemistry Prerequisite: CHEM 1020 or CHEM 1120. | Credit: 4. | | | |
| Total: 14 | | | | |
| Second Semester | | | | |
| Course Name | Credit | Term Taken | Grade | Gen Ed |
| Social/Behavioral Science Elective Credit: 3. ³ Humanities/Fine Arts Elective Credit: 3. ³ | | | | |
| ANS 3020 - Feeds and Feeding | Credit: 3. | | | |
| ANS 3140 - Reproduction in Farm Animals | Credit: 3. | | | |
| ANS 3150 - Common Diseases and Parasites of Domestic Animals | Credit: 3. | | | |
| Total: 15 | | | | |
| Senior Year | | | | |
| First Semester | | | | |
| Course Name | Credit | Term Taken | Grade | Gen Ed |
| Humanities/Fine Arts Elective Credit: 3. Social/Behavioral Science Elective Credit: 3. 4000-Level ANS Production Course Credit: 3. | | | | |
| BIOL 3200 - General Microbiology or Prerequisite: BIOL 1123. | Credit: 4. | | | |
| BIOL 3230 - Health Science Microbiology Prerequisite: Sophomore standing. | Credit: 4. | | | |
| AGHE 4500 - Senior Seminar Prerequisite: Senior standing. | Credit: 1. | | | |
| Total: 14 | | | | |
| Second Semester | | | | |
| Course Name | Credit | Term Taken | Grade | Gen Ed |
| AGHE 2022 - Professionalism in Agriculture and Human Ecology | Credit: 1. | | | |
| AGRN 4130 (5110) - Forage Crops Production and Management Prerequisite: AGRN 1100, AGRN 1110 and AGRN 2300, AGRN 2310. | Credit: 3. | | | |
| ANS 3310 - Meat, Dairy and Poultry Products | Credit: 3. | | | |
| 4000-Level ANS Production Course Credit: 3. Ag Upper Division Elective Credit: 3. | | | | |
| 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. | | | |

Total: 16

Note:

Notes: