ANIMAL SCIENCE: GENERAL OPTION, BSAG

Requirements for Students Matriculating in or before Academic Year 2022-2023. Learn more about University Academic Regulation 3.1 (http://catalog.okstate.edu/university-academic-regulations/#matriculation).

Minimum Overall Grade Point Average: 2.00
Total Hours: 120

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General Education Requirements

**English Composition**
See Academic Regulation 3.5 (http://catalog.okstate.edu/university-academic-regulations/#english-composition/)

ENGL 1113 Composition I 3
or ENGL 1313 Critical Analysis and Writing I 3

Select one of the following:

ENGL 1213 Composition II 3
ENGL 1413 Critical Analysis and Writing II 3
ENGL 3323 Technical Writing 3

**American History & Government**
Select one of the following:

HIST 1103 Survey of American History 3
HIST 1483 American History to 1865 (H) 3
HIST 1493 American History Since 1865 (DH) 3

POLS 1113 American Government 3

**Analytical & Quantitative Thought (A)**

MATH 1513 College Algebra (A) 1 3
or MATH 1483 Mathematical Functions and Their Uses (A) 3

STAT 2013 Elementary Statistics (A) 1 3
or STAT 2023 Elementary Statistics for Business and Economics (A) 3

**Humanities (H)**
Courses designated (H) 6

**Natural Sciences (N)**
Must include one Laboratory Science (L) course

Select four hours from the following:

BIOL 1113 Introductory Biology (N) 4
& BIOL 1111 Introductory Biology Laboratory (LN) 1, 4

BIOL 1114 Introductory Biology (LN) 4

Any course designated (N) 3

**Social & Behavioral Sciences (S)**

AGEC 1113 Introduction to Agricultural Economics (S) 1, 5 3

Additional General Education

Courses designated (A), (H), (N), or (S) 6

**Hours Subtotal** 38

Diversity (D) & International Dimension (I)
May be completed in any part of the degree plan
Select at least one Diversity (D) course

College/Departmental Requirements

**Agricultural Sciences and Natural Resources**

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<td>AG 1011</td>
<td>First Year Seminar</td>
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Select one of the following:

HORT 1013 Principles of Horticultural Science (LN) 5 3
PLNT 1213 Introduction to Plant and Soil Systems 5 3
SOIL 1113 Land, Life and the Environment (N) 5 3
SOIL 2124 Fundamentals of Soil Science (N) 5 3

Select four hours from the following:

ANSI 1023 & ANSI 1021 Introduction to the Animal Sciences and Introduction to the Animal Sciences Lab 5
ANSI 1124 Introduction to the Animal Sciences 5 3
ANSI 2233 The Meat We Eat 5 3
or ANSI 2253 Meat Animal and Carcass Evaluation 3
ANSI 2111 Animal and Food Science Professional Development 5 1

CHEM 1215 Chemical Principles I (LN) 2 4
or CHEM 1314 Chemistry I (LN) 2 4

Written and Oral Communications

Select one of the following:

AGCM 3103 Written Communications in Agricultural Sciences and Natural Resources 5 3
BCOM 3113 Written Communication 3 3
ENGL 3323 Technical Writing 3

Select one of the following:

AGCM 3203 Oral Communications in Agricultural Sciences & Natural Resources (S) 5 3
SPCH 2713 Introduction to Speech Communication (S) 5 3
SPCH 3733 Elements of Persuasion (S) 5 3
ANSI 3423 Animal Genetics 5 3
ANSI 3433 Animal Breeding 5 3
ANSI 3444 Animal Reproduction 5 4
ANSI 3543 Principles of Animal Nutrition 5 3
ANSI 3653 Applied Animal Nutrition 5 3

**Hours Subtotal** 38

Major Requirements

**Core Courses**

ANSI 2112 Live Animal Evaluation 2
ANSI 4863 Capstone for Animal Agriculture 3

Select 3 hours from the following:

ANSI 3310 Advanced Competitive Evaluation 3
or ANSI 3312 Advanced Meat Animal Evaluation 3
or ANSI 3322 Applied Meat Animal Selection 3
or ANSI 3410 Peer-Led Team Learning in Animal Science 3
or ANSI 3420 Undergraduate Research in Animal and Food Science 3
or ANSI 4910 Animal Industry Internship 3

AG 3080 International Experience 3

Select 6 hours from the following:

ANSI 3123 Livestock Health and Diseases 6
ANSI 3333  Meat Science
ANSI 3414  Form and Function of Livestock and Poultry
ANSI 3533  Equine Management and Production
ANSI 3623  Livestock Behavior and Environmental Interactions
ANSI 3753  Basic Nutrition for Pets

Select 6 hours from the following:

ANSI 4023  Poultry Science
ANSI 4203  Rangeland and Pasture Utilization
ANSI 4423  Horse Science
ANSI 4523  Pet and Companion Animal Management
ANSI 4543  Dairy Cattle Science
ANSI 4553  Sheep Science
ANSI 4613  Beef Cow-Calf Management
ANSI 4633  Stocker and Feedlot Cattle Management
ANSI 4643  Swine Science
ANSI 4703  Equine Enterprise Management
ANSI 4713  Beef Seedstock Management and Sales
ANSI 4803  Animal Growth and Performance

Additional Core Courses
Select 9 upper-division hours of AGCM, AGEC, AGED

Related Courses
Select 13 hours from any courses in ANSI or from Ferguson College of Agriculture.

Hours Subtotal

Electives
Select 0 hours or hours to complete required total for degree

Total Hours

1

College and Departmental requirements that may be used to meet General Education requirements.

2

If used for (N) requirement, hours in this block are reduced by CHEM course hours and related courses increased.

3

If ENGL 3323 is substituted for ENGL 1213 above, hours in this block are reduced by 3.

4

If used as (S) course above, hours in this block reduced by 3.

5

Hours meeting the major common core.

Other Requirements
- A minimum of 40 semester credit hours and 100 grade points must be earned in courses numbered 3000 or above.
- A 2.00 GPA or higher in upper-division hours.

Additional State/OSU Requirements
- At least: 60 hours at a four-year institution; 30 hours completed at OSU; 15 of the final 30 or 50% of the upper-division hours in the major field completed at OSU.

- Limit of: one-half of major course requirements as transfer work; one-fourth of hours earned by correspondence; 8 transfer correspondence hours.
- Students will be held responsible for degree requirements in effect at the time of matriculation and any changes that are made, so long as these changes do not result in semester credit hours being added or do not delay graduation.
- Degrees that follow this plan must be completed by the end of Summer 2028.