**Required Major Courses (12 credits)**

1. ANSC 10200 Introduction to Animal Agriculture (UCC STS Selective)
2. ANSC 18100 Orientation to Animal Sciences
3. ANSC 22100 Principles of Animal Nutrition
4. ANSC 23000 Physiology of Domestic Animals
5. ANSC 48100 Contemporary Issues in Animal Sciences

**ANSC Restricted Selectives (21 credits, 18 credits have to be 30000 or higher)**

1. Animal Genetics Selective
2. Animal Nutrition Selective
3. Animal Physiology Selective
4. Animal Production/Management selective
5. Animal Products Selective
6. Animal Sciences Selectives

**Other Departmental/Program Course Requirements (75 credits) (See ANSC Undergraduate Student Handbook)**

1. AGEC 20200 Spreadsheet use in Agricultural Business
2. AGEC 20300 Introductory Microeconomics for Food and Agribusiness (satisfies Human Culture Behavioral/Social Science for core)
3. AGEC 33000 Management Methods for Agricultural Business
4. AGR 10100 Introduction to the College of Agriculture and Purdue University
5. AGR 11400 Introduction to Animal Sciences Academic Program
6. AGRY 32000 Genetics
7. BIOL 11000 Fundamentals of Biology I
8. BIOL 11100 Fundamentals of Biology II
9. CHM 11100 General Chemistry (satisfies Science #1 for core)
10. CHM 11200 General Chemistry (satisfies Science #2 for core)
11. MA 16010 Applied Calculus I (satisfies Quantitative Reasoning for core)
12. CHM 25700 Organic Chemistry
13. STAT 30100 Elementary Statistical Methods (satisfies Information Literacy for core)
14. MGMT 20000 Introductory Accounting Or MGMT 20010 Business Accounting
15. Economics Selective (satisfies Human Culture Behavioral/Social Science for core)
16. UCC Humanities Selective (satisfies Human Cultures Humanities for core)
17. Humanities or Social Science Selective
18. Humanities or Social Science Selective
19. Humanities or Social Science Selective
20. Humanities or Social Science Selective (30000+ level)
21. ENGL 10600 First-Year Composition (satisfies Written Communication for core) (satisfies Information Literacy Selective for core)
22. COM 11400 Fundamentals of Speech Communication or (satisfies Oral Communication for core)
23. COM 21700 Science Writing and Presentation

**Electives (12 credits)**

1. Elective

**University Core Requirements**

- Human Cultures Humanities
- Human Cultures Behavioral/Social Science
- Information Literacy
- Science Selective
- Science Selective
- Written, Technology & Society Selective
- Oral Communication
- Quantitative Reasoning

**College of Agriculture & University Level Requirements**

- 3 credits Multicultural Awareness
- 9 credits International Understanding
- 9 credits of Hum. And/Or Social Sciences outside the College of Agriculture
- 3 credits of Hum. And/Or Social Science at 30000 or higher

9/21/2016 (effective Fall 2016)
# Suggested Arrangement of Courses:

<table>
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<tr>
<th>Credits</th>
<th>Fall 1st Year</th>
<th>Prerequisite</th>
<th>Credits</th>
<th>Spring 1st Year</th>
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<td>AGEC 20300 Introductory Microeconomics for Food and Agribusiness</td>
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<td>CHM 25700 Organic Chemistry</td>
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<th>Spring 3rd Year</th>
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</table>

1) 120 credits listed above are required for Bachelor of Science degree.
2) 2.0 Graduation GPA required for Bachelor of Science degree.
3) 32 credits of upper division courses (30000 level or higher) must be taken at Purdue University, West Lafayette.
4) ANY COURSE TAKEN AT PURDUE CAN BE ATTEMPTED NO MORE THAN THREE TIMES (INCLUSIVE OF W, WF, I AND IF).
5) CC = is considered a critical course

See next page for all supplemental Information

The student is ultimately responsible for knowing and completing all degree requirements.

myPurdue Plan is knowledge source for specific requirements and completion
ASCI/ANAG Supplemental Information
All prerequisites must be met

1University Core Curriculum Humanities Selective (3 credits)
See approved Humanities list at: http://www.purdue.edu/provost/initiatives/curriculum/course.html

2Humanities and Social Science Selective (9 credits)
See approved list at: https://ag.purdue.edu/oap/pages/core-social_humanities.aspx

3Economics Selective (3 credits)
AGEC 20300 Introductory Microeconomics for Food and Agribusiness
AGEC 20400 Introduction to Resource Economics and Environmental Policy
ECON 21000 Principles of Economics
ECON 25100 Microeconomics
ECON 25200 Macroeconomics

4Written or Oral Communication Selective (3 credits)

5Animal Genetics Selective (3 to 4 credits)
ANSC 31100 Animal Breeding
ANSC 51100 Population Genetics
ANSC 51400 Animal Biotechnology
BIOL 41500 Introduction to Molecular Biology

6Animal Nutrition Selective (3 credits)
ANSC 32400 Applied Animal Nutrition
ANSC 32400 Ruminant Nutrition and Physiology
ANSC 52200 Monogastric Nutrition

7Animal Physiology Selective (3 credits)
ANSC 33200 Environmental Physiology of Domestic Animals
ANSC 33300 Physiology of Reproduction
ANSC 53500 Avian Physiology
ANSC 55100 Muscle Development, Physiology, and Chemistry
ANSC 55500 Animal Growth and Development
BMS 52800 Avian Physiology

8Animal Production Management Selective (3 credits)
ANSC 44000 Horse Management
ANSC 44100 Beef Management
ANSC 44200 Sheep Management
ANSC 44300 Swine Management
ANSC 44400 Dairy Management
ANSC 44500 Commercial Poultry Management
ANSC 44600 Companion Animal Management

9Animal Products Selective (3 to 4 credits)
ANSC 30100 Animal Growth, Development, and Evaluation
ANSC 30100 Animal Growth, Development, and Evaluation
ANSC 35100 Meat Science

10Animal Science Selective (4 to 6 credits)
ANSC 10100 - 59500

11Agricultural Economics, Economics or Management Selective (1 to 3 credits)
AGEC 20200 Spreadsheet Use in Agricultural Business
AGEC 20300 Introductory Microeconomics for Food and Agribusiness
AGEC 305000 - 49800
AGEC 22000 Economics of Agricultural Markets
ECON 21900-49000
MGMT 20000-49000