

Animal Sciences: Production

<https://ag.purdue.edu/oap/Pages/major.aspx> 120 credits required for graduation

Credits Course number Course Title

Departmental/Program Major Courses (108 credits)**Required Major Courses (12 credits)**

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

ANSC Restricted Selectives (21 credits) (see ANSC Undergraduate Student Handbook)

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|-------|-------|--|
| 3 - 4 | ----- | Animal Genetics Selective |
| 3 | ----- | Animal Nutrition Selective |
| 2 - 3 | ----- | Animal Physiology Selective |
| 3 | ----- | Animal Production/Management selective |
| 2 - 4 | ----- | Animal Products Selective |
| 4 - 8 | ----- | Animal Sciences Selectives |

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

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|-----|--------------|---|
| 0.5 | AGR 10100 | Introduction to the College of Agriculture and Purdue University |
| 0.5 | AGR 11400 | Introduction to Animal Sciences Academic Program |
| 3 | AGRY 32000 | Genetics |
| 3 | BCHM 30700 | Biochemistry |
| 4 | BIOL 11000 | Fundamentals of Biology I |
| 4 | BIOL 11100 | Fundamentals of Biology II |
| 4 | BIOL 22100 | Introduction to Microbiology |
| 3 | CHM 11100 | General Chemistry (satisfies Science #1 for core) |
| 3 | CHM 11200 | General Chemistry (satisfies Science #2 for core) |
| 4 | CHM 25700 | Organic Chemistry |
| 3 | MA 15910 | Introduction to Calculus (satisfies Quantitative Reasoning for core) |
| 3 | STAT 30100 | Elementary Statistical Methods (satisfies Information Literacy for core) |
| 3 | ----- | Financial Management Selective |
| 3 | ----- | Enterprise Management Selective |
| 3 | ----- | Enterprise Management Selective |
| 3 | ----- | Production/Management Selective (Non-ANSC) |
| 3 | ----- | Production/Management Selective (Non-ANSC) |
| 3 | ----- | Economics Selective (satisfies Human Culture Behavioral/Social Science for core) |
| 3 | ----- | UCC Humanities Selective (satisfies Human Cultures Humanities for core) |
| 3 | ----- | Humanities or Social Science Selective |
| 3 | ----- | Humanities or Social Science Selective |
| 3 | ----- | Humanities or Social Science Selective (30000+ level) |
| | | First-Year Composition (satisfies Written Communication for core) (satisfies Information Literacy for core) |
| 4 | ENGL 10600 | Fundamentals of Speech Communication (satisfies Oral Communication for core) or |
| | COM 11400 or | Scientific Communication |
| 3 | COM 21700 | Written or Oral Communication Selective |
| 3 | ----- | |

Electives (12 credits)

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|----|-------|----------|
| 12 | ----- | Elective |
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University Core Requirements:

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|---|---|
| Human Cultures Humanities: _____ | Science, Technology, and Society: _____ |
| Human Cultures Behavioral/Social Science: _____ | Written Communication: _____ |
| Information Literacy: _____ | Oral Communication: _____ |
| Science #1: _____ | Quantitative Reasoning: _____ |
| Science #2: _____ | |

120 semester credits required for Bachelor of Science degree.

2.0 GPA required for Bachelor of Science degree.

College of Agriculture & University Level Requirements:

2.0 GPA required for Bachelor of Science degree.

32 Upper division credits taken from Purdue

9 credits International Understanding: _____

3 credits Multicultural Awareness: _____

9 credits of Hum and/or Social Sciences outside the College of Agriculture: _____

Animal Sciences: Production

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| Credits | Course number | Course Title | Prerequisites | Credits | Course number | Course Title | Prerequisites |
|----------------------|---------------|--|---------------|------------------------|------------------------|--|---------------|
| Fall 1st Year | | | | Spring 1st Year | | | |
| 0.5 | AGR 10100 | Introduction to the College of Agriculture and Purdue University | | 1 | ANSC 18100 | Orientation to Animal Sciences | |
| 0.5 | AGR 11400 | Introduction to Animal Sciences Academic Programs | | 4 | BIOL 11100 | Fundamentals of Biology II | BIOL 11000 |
| 3 | ANSC 10200 | Introduction to Animal Agriculture | | 3 | CHM 11200 | General Chemistry | CHM 11100 |
| 4 | BIOL 11000 | Fundamentals of Biology I | | 3 | COM 11400 or COM 21700 | Fundamentals of Speech or Scientific Communication | |
| 3 | CHM 11100 | General Chemistry | | 3 | MA 15910 | Introduction to Calculus | ALEKS 60+ |
| 4 | ENGL 10600 | First-Year Composition | | | | | |

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| Fall 2nd Year | | | | Spring 2nd Year | | | |
| 3 | ANSC 22100 | Principles of Animal Nutrition | CHM 11100 | 3 | AGRY 32000 | Genetics | BIOL 11100 |
| 4 | CHM 25700 | Organic Chemistry | CHM 11200 | 4 | ANSC 23000 | Physiology of Domestic Animals | BIOL 11100 |
| 3 | ----- | Economics Selective | | 3 | BCHM 30700 | Biochemistry | CHM 25700 |
| 3 | ----- | UCC Humanities Selective | | 3 | ----- | Animal Sciences Selective | |
| 3 | ----- | Written or Oral Communication Selective | | 3 | ----- | Financial Management Selective | |

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| Fall 3rd Year | | | | Spring 3rd Year | | | |
| 4 | BIOL 22100 | Introduction to Microbiology | BIOL 111 | 4 | ----- | Animal Genetics Selective | AGRY 32000 and STAT 30100 |
| 3 | STAT 30100 | Elementary Statistical Methods | | 3 | ----- | Animal Products Selective | |
| 3 | ----- | Animal Nutrition Selective | ANSC 22100 | 3 | ----- | Enterprise management selective | |
| 3 | ----- | Animal Physiology Selective | | 3 | ----- | Production/Management Selective (Non-ANSC) | |
| 3 | ----- | Humanities or Social Science Selective | | 2 | ----- | Elective | |

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| Fall 4th Year | | | | Spring 4th Year | | | |
| 1 | ANSC 48100 | Contemporary Issues in Animal Sciences | | 3 | ----- | Humanities or Social Science Selective (30000+ level) | |
| 3 | ----- | Animal Production/Management Selective | ANSC 22100 | 3 | ----- | Production/Management Selective (Non-ANSC) | |
| 2 | ----- | Animal Sciences Selective | | 7 | ----- | Electives | |
| 3 | ----- | Enterprise Management Selective | | | | | |
| 3 | ----- | Humanities or Social Science Selective | | | | | |
| 3 | ----- | Elective | | | | | |

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120 semester credits required for Bachelor of Science degree.
2.0 GPa required for Bachelor of Science degree.

The highlighted course is considered critical; timely progress toward the degree depends upon steady progress through each course in the plan of study, but this course, in particular, should be completed by the semester indicated.

Consultation with an advisor may result in an altered plan customized for an individual student.

Official and complete prerequisite lists are in the course catalog; the incomplete listing presented here regards this program and course sequencing.