

# Animal Sciences: Behavior/Well-being

<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 (15 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                         |
| 3 | ANSC 40400 | Animal Welfare   |
| 1 | ANSC 48100 | Contemporary Issues in Animal Sciences                 |

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

|       |       |  |
|-------|-------|--|
| 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)**

|     |              |  |
|-----|--------------|--|
| 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   |
| 1   | AGRY 32100   | Genetics Laboratory  |
| 3   | BCHM 30700   | Biochemistry   |
| 4   | BIOL 11000   | Fundamentals of Biology I  |
| 4   | BIOL 11100   | Fundamentals of Biology II   |
| 4   | CHM 11500    | General Chemistry (satisfies Science #1 for core)  |
| 4   | CHM 11600    | General Chemistry (satisfies Science #2 for core)  |
| 3   | CHM 25500    | Organic Chemistry  |
| 1   | CHM 25501    | Organic Chemistry Laboratory   |
| 3   | CHM 25600    | Organic Chemistry  |
| 1   | CHM 25601    | Organic Chemistry Laboratory   |
| 3   | MA 16010     | Applied Calculus I (satisfies Quantitative Reasoning for core)                                   |
| 3   | MA 16020     | Applied Calculus II  |
| 3   | STAT 30100   | Elementary Statistical Methods (satisfies Information Literacy for core)                         |
| 9   | -----        | Behavior/Well-being Selective  |
| 3   | -----        | <a href="#">Economics Selective (satisfies Human Culture Behavioral/Social Science for core)</a> |
| 3   | -----        | <a href="#">UCC Humanities Selective (satisfies Human Cultures Humanities for core)</a>          |
| 3   | -----        | <a href="#">Humanities or Social Science Selective</a>   |
| 3   | -----        | <a href="#">Humanities or Social Science Selective</a>   |
| 3   | -----        | <a href="#">Humanities or Social Science Selective (30000+ level)</a>                            |
|     |              | First-Year Composition (satisfies Written Communication for core) (satisfies Information         |
| 4   | ENGL 10600   | Literacy for core)   |
|     | COM 11400 or | Fundamentals of Speech Communication (satisfies Oral Communication for core) or                  |
| 3   | COM 21700    | Scientific Communication   |
| 3   | -----        | <a href="#">Written or Oral Communication Selective</a>  |

**Electives (12 credits)**

|   |       |          |
|---|-------|----------|
| 9 | ----- | Elective |
|---|-------|----------|

**University Core Requirements:**

|   |       |                                   |       |
|---|-------|-----------------------------------|-------|
| 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: Behavior/Well-being

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| Credits              | Course number | Course Title   | Prerequisites | Credits                | Course number | Course Title                   | Prerequisites |
|----------------------|---------------|--|---------------|------------------------|---------------|--------------------------------|---------------|
| <b>Fall 1st Year</b> |               |  |               | <b>Spring 1st Year</b> |               |                                |               |
| 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                               |               | 4                      | CHM 11600     | General Chemistry              | CHM 11500     |
| 4                    | BIOL 11000    | Fundamentals of Biology I  |               | 4                      | ENGL 10600    | First-Year Composition         |               |
| 4                    | CHM 11500     | General Chemistry  |               | 3                      | MA 16020      | Applied Calculus II            | MA 16010      |
| 3                    | MA 16010      | Applied Calculus I   | ALEKS 75+     |                        |               |                                |               |

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|                      |                        |  |           |                        |            |                                |            |
|----------------------|------------------------|--|-----------|------------------------|------------|--------------------------------|------------|
| <b>Fall 2nd Year</b> |                        |  |           | <b>Spring 2nd Year</b> |            |                                |            |
| 3                    | ANSC 22100             | Principles of Animal Nutrition                     | CHM 11100 | 3                      | AGRY 32000 | Genetics                       | BIOL 11100 |
| 3                    | CHM 25500              | Organic Chemistry                                  | CHM 11200 | 1                      | AGRY 32100 | Genetics Laboratory            |            |
| 1                    | CHM 25501              | Organic Chemistry Laboratory                       |           | 4                      | ANSC 23000 | Physiology of Domestic Animals | BIOL 11100 |
| 3                    | COM 11400 or COM 21700 | Fundamentals of Speech or Scientific Communication |           | 3                      | CHM 25600  | Organic Chemistry              | CHM 25500  |
| 2                    | -----                  | Animal Sciences Selective                          |           | 1                      | CHM 25601  | Organic Chemistry Laboratory   |            |
| 3                    | -----                  | Economics Selective                                |           | 3                      | -----      | UCC Humanities Selective       |            |

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|                      |            |   |            |                        |       |  |                           |
|----------------------|------------|---|------------|------------------------|-------|--|---------------------------|
| <b>Fall 3rd Year</b> |            |   |            | <b>Spring 3rd Year</b> |       |  |                           |
| 3                    | ANSC 40400 | Animal Welfare                          |            | 4                      | ----- | Animal Genetics Selective              | AGRY 32000 and STAT 30100 |
| 3                    | BCHM 30700 | Biochemistry                            | CHM 25600  | 3                      | ----- | Animal Nutrition Selective             | ANSC 22100                |
| 3                    | STAT 30100 | Elementary Statistical Methods          |            | 3                      | ----- | Behavior/Well-being Selective          |                           |
| 3                    | -----      | Animal Physiology Selective             | ANSC 23000 | 3                      | ----- | Humanities or Social Science Selective |                           |
| 3                    | -----      | Written or Oral Communication Selective |            | 2                      | ----- | Elective                               |                           |

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|                      |            |  |            |                        |       |   |  |
|----------------------|------------|--|------------|------------------------|-------|---|--|
| <b>Fall 4th Year</b> |            |  |            | <b>Spring 4th Year</b> |       |   |  |
| 1                    | ANSC 48100 | Contemporary Issues in Animal Sciences |            | 3                      | ----- | Behavior/Well-being selective                         |  |
| 3                    | -----      | Animal Production/Management Selective | ANSC 22100 | 3                      | ----- | Humanities or Social Science Selective (30000+ level) |  |
| 3                    | -----      | Animal Sciences Selective              |            | 3                      | ----- | Animal Products Selective                             |  |
| 3                    | -----      | Humanities or Social Science Selective |            | 5                      | ----- | Electives   |  |
| 3                    | -----      | Behavior/Well-being Selective          |            |                        |       |   |  |
| 2                    | -----      | Elective                               |            |                        |       |   |  |

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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.