

# Animal Sciences: Products

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

**Departmental/Program Major Courses (100-101 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)**

_____	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 (67-68 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
_____	3	BCHM 30700	Biochemistry
_____	1	BCHM 30900	Biochemistry Laboratory
_____	4	BIOL 22100	Introduction to Microbiology
_____	4	BIOL 11000	Fundamentals of Biology I
_____	4	BIOL 11100	Fundamentals of Biology II
_____	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	-----	Business Management Selective
_____	3 to 4	-----	Food Science Selective
_____	3	-----	<u>Economics Selective (satisfies Human Culture Behavioral/Social Science for core)</u>
_____	3	-----	<u>UCC Humanities Selective (satisfies Human Cultures Humanities for core)</u>
_____	3	-----	<u>Humanities or Social Science Selective</u>
_____	3	-----	<u>Humanities or Social Science Selective</u>
_____	3	-----	<u>Humanities or Social Science Selective (30000+ level)</u>
_____			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	-----	<u>Written or Oral Communication Selective</u>

**Electives (19-20 credits)**

19 to 20 \_\_\_\_\_ 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: Products

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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		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					
<b>15</b>				<b>14</b>			

<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
4	CHM 25700	Organic Chemistry	CHM 11200	4	ANSC 23000	Physiology of Domestic Animals	BIOL 11100
3	-----	Business Management Selective		3	BCHM 30700	Biochemistry	CHM 25700
3	-----	Economics Selective		3	BCHM 30900	Biochemistry Lab	CHM 25700
3	-----	Written or Oral Communication Selective		3	-----	Animal Sciences Selective	
<b>16</b>				<b>14</b>			

<b>Fall 3rd Year</b>				<b>Spring 3rd Year</b>			
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 Physiology Selective	
3	-----	Animal Nutrition Selective	ANSC 22100	3	-----	Humanities or Social Science Selective	
3	-----	Animal Products Selective		5	-----	Electives	
3	-----	UCC Humanities Selective					
<b>16</b>				<b>15</b>			

<b>Fall 4th Year</b>				<b>Spring 4th Year</b>			
1	ANSC 48100	Contemporary Issues in Animal Sciences		2	-----	Animal Sciences Selective	
3	-----	Animal Production/Management Selective	ANSC 22100	3	-----	Humanities or Social Science Selective (30000+ level)	
3-4	-----	Food Science Selective		9-10	-----	Electives	
3	-----	Humanities or Social Science Selective					
5	-----	Electives					
<b>15-16</b>				<b>14-15</b>			

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.