

ANIMAL SCIENCE, B.S.

Begin Campus: Any Penn State Campus

End Campus: University Park

Suggested Academic Plan

The suggested academic plan(s) listed on this page are the plan(s) that are in effect during the 2023-24 academic year. To access previous years' suggested academic plans, please visit the archive (<https://bulletins.psu.edu/undergraduate/archive/>) to view the appropriate Undergraduate Bulletin edition (*Note: the archive only contains suggested academic plans beginning with the 2018-19 edition of the Undergraduate Bulletin*).

Business and Animal Management Option: Animal Science, B.S. at University Park Campus

The course series listed below provides **only one** of the many possible ways to move through this curriculum. The University may make changes in policies, procedures, educational offerings, and requirements at any time. This plan should be used in conjunction with your degree audit (accessible in LionPATH as either an **Academic Requirements** or **What If** report). Please consult with a Penn State academic adviser on a regular basis to develop and refine an academic plan that is appropriate for you.

First Year

Fall	Credits Spring	Credits
ENGL 15, 30H, or ESL 15 ^{††}	3 AGBM 101 or ECON 102 ^{†1}	3
BIOL 110 [†]	4 CHEM 101, 110, or 130 [†]	3
MATH 21, 22, 26, 41, 110, or 140 ^{††}	3-4 ANSC 100	3
General Education Course	3 CMPSC 101, 203, MATH 22, MATH 111, MATH 141, STAT 200, or STAT 250 ^{††}	2-4
First Year Seminar	1-3 General Education Course	3
14-17		14-16

Second Year

Fall	Credits Spring	Credits
ANSC 290	1 ANSC 201 [*]	4
ANSC 207 [*]	2 ACCTG 211	4
ANSC 208 [*]	1 AGBM 200, BA 304, or MGMT 301	3
MICRB 106 or 201	3 General Education Course	3
MICRB 107 or 202	1-2 Communication Skills selection ²	3
AGBM 102, BA 303, or MKTG 301	3	
CHEM 202	3	
General Education Course (GHW)	1.5	
15.5-16.5		17

Third Year

Fall	Credits Spring	Credits
ANSC 301 [*]	3 ANSC 300 [*]	3
ANSC 305, 306, 308, 309, 310, 311, 315, 324, or 327 [*]	3-4 ANSC 305, 306, 308, 309, 310, 311, 315, 324, or 327 [*]	3

ANSC 322 or BIOL 222	3 CAS 100, CAS 100A, CAS 100B, or CAS 100C ^{††}	3
BMB 211	3 Supporting Course ³	3
General Education Course	3 Supporting Course ³	3
15-16		15

Fourth Year

Fall	Credits Spring	Credits
ANSC 420, 423, 427, or 431	3-4 Supporting Course ³	3
ENGL 202A, 202B, 202C, or 202D ^{††4}	3 Supporting Course ³	3
Supporting Course ³	3 Supporting Course ³	3
Supporting Course ³	3 Supporting Course ³	2
Elective	3 Elective	3
General Education Course	3 General Education Course (GHW)	1.5
18-19		15.5

Total Credits 124-132

- * Course requires a grade of C or better for the major
- ‡ Course requires a grade of C or better for General Education
- # Course is an Entrance to Major requirement
- † Course satisfies General Education and degree requirement

¹ Students must adhere to one of the following course sequences: ECON 102, BA 303, BA 304; or AGBM 101, AGBM 102, AGBM 200.

² Required to complete one of the following: ANSC 202W, ANSC 217 and 426, or ANSC 421 and 426, or ANSC 226 and 426, or ANSC 424 and 426; ENGL 50, ENGL 210, ENGL 212, ENGL 213, ENGL 215; any world language (level 1-3), SPAN 105 or SPAN 106; CAS 212, 213, 250, 352; AEE 330, AEE 360, AEE 440. If an ANSC course is selected, it cannot count as a supporting course and fulfill the Communication Skills requirement.

³ Required to complete 23 credits from the department list (at least 9 credits of production courses and 9 credits of business courses from department lists; 12 credits must be at the 400-level). Courses that fulfill major requirements or the additional production course for the option will not count in this area. Students interested in meats or livestock judging should enroll in ANSC 324; students interested in horse judging should enroll in ANSC 217; students interested in poultry judging should enroll in ANSC 421.

⁴ Recommended to complete ENGL 202D

University Requirements and General Education Notes:

US and IL are abbreviations used to designate courses that satisfy Cultural Diversity Requirements (United States and International Cultures).

W, M, X, and Y are the suffixes at the end of a course number used to designate courses that satisfy University Writing Across the Curriculum requirement.

General Education includes Foundations (GWS and GQ), Knowledge Domains (GHW, GN, GA, GH, GS) and Integrative Studies (Inter-domain) requirements. N or Q (Honors) is the suffix at the end of a course number used to help identify an Inter-domain course, but the inter-domain attribute is used to fill audit requirements. Foundations courses (GWS and GQ) require a grade of 'C' or better.

All incoming Schreyer Honors College first-year students at University Park will take ENGL 137H/CAS 137H in the fall semester and ENGL 138T/CAS 138T in the spring semester. These courses carry the GWS designation and satisfy a portion of that General Education requirement. If the student's program prescribes GWS these courses will replace both ENGL 15/ENGL 30H and CAS 100A/CAS 100B/CAS 100C. Each course is 3 credits.

Science Option: Animal Science, B.S. at University Park Campus

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First Year

Fall	Credits Spring	Credits
ENGL 15, 30H, or ESL 15 ^{††}	3 AGBM 101 or ECON 102 [†]	3
CHEM 110 [†]	3 CHEM 112 [†]	3
CHEM 111 [†]	1 CHEM 113 [†]	1
MATH 21, 22, 26, 41, 110, or 140 ^{††1}	3-4 ANSC 100	3
General Education Course	3 CMPSC 101, 203, MATH 22, MATH 111, MATH 141, STAT 200, or STAT 250 ^{††}	2-4
First Year Seminar	1-3 General Education Course	3
	14-17	15-17

Second Year

Fall	Credits Spring	Credits
BIOL 110 [†]	4 ANSC 201 [*]	4
ANSC 290	1 BIOL 220W, 230W, or 240W	4
ANSC 207 [*]	2 CHEM 203 or 212 <i>and</i> 213 ²	3-5
ANSC 208 [*]	1 AGRO 28, SOILS 101, ANSC 211, or ANSC 213	3
CHEM 202 or 210	3 General Education Course	3
General Education Course (GHW)	1.5	
General Education Course	3	
	15.5	17-19

Third Year

Fall	Credits Spring	Credits
ANSC 301 [*]	3 ANSC 300 [*]	3
ANSC 305, 306, 308, 309, 310, 311, 315, 324, or 327 [*]	3-4 MICRB 201	3
ANSC 322, BIOL 133, or BIOL 222	3 MICRB 202	2
BMB 211	3 BMB 221	2
BMB 212	1 PHYS 250	4
CAS 100 ^{††}	3 General Education Course (GHW)	1.5
	16-17	15.5

Fourth Year

Fall	Credits Spring	Credits
ANSC 305, 306, 308, 309, 310, 311, 315, 324, or 327 [*]	3-4 ANSC 423	3
ANSC 431	4 Supporting Course ⁵	3
ENGL 202C ^{††3}	3 Supporting Course ⁵	3
Elective ⁴	3 Communication Skills Selection ⁶	3

General Education Course	3 Elective	3
	16-17	15

Total Credits 124-133

- * Course requires a grade of C or better for the major
- ‡ Course requires a grade of C or better for General Education
- # Course is an Entrance to Major requirement
- † Course satisfies General Education and degree requirement

¹ Complete MATH 110 or MATH 140 for veterinary school admission

² CHEM 213 must also be completed along with CHEM 212

³ Recommended to complete ENGL 202C

⁴ PHYS 251 is required for admission to veterinary school

⁵ Required to complete 5-7 credits from the department list. Courses that fulfill major requirements do not count in this area.

⁶ Required to complete one of the following: ANSC 202W, ANSC 217 and 426, or ANSC 421 and 426, or ANSC 226 and 426 or ANSC 424 and 426; ENGL 50, ENGL 210, ENGL 212, ENGL 213, ENGL 215; any world language (level 1-3), SPAN 105 or 106; CAS 212, 213, 250, 352; AEE 330, AEE 360, AEE 440. If an ANSC course is selected, it cannot count as a supporting course and fulfill the Communication Skills requirement.

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Business and Animal Management Option: Animal Science, B.S. at Commonwealth Campuses

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First Year

Fall	Credits Spring	Credits
ENGL 15, 30H, or ESL 15 ^{††}	3 AGBM 101 or ECON 102 ^{†1}	3
BIOL 110 [†]	4 CHEM 101, 110, or 130 [†]	3
MATH 21, 22, 26, 41, 110, or 140 ^{††}	3-4 ANSC 100	3
General Education Course	3 CMPSC 101, 203, MATH 22, MATH 111, MATH 141, STAT 200, or STAT 250 ^{††}	2-4
First Year Seminar	1-3 General Education Course	3
14-17		14-16

Second Year

Fall	Credits Spring	Credits
MICRB 106 or 201	3 ANSC 201 [*]	4
General Education Course	3 ACCTG 211	4
MICRB 107 or 202	1-2 AGBM 200, BA 304, or MGMT 301	3
AGBM 102, BA 303, or MKTG 301	3 General Education Course	3
CHEM 202	3 Communication Skills selection ²	3
General Education Course (GHW)	1.5	
14.5-15.5		17

Third Year

Fall	Credits Spring	Credits
ANSC 301 [*]	3 ANSC 300 [*]	3
ANSC 305, 306, 308, 309, 310, 311, 315, 324, or 327 [*]	3-4 ANSC 305, 306, 308, 309, 310, 311, 315, 324, or 327 [*]	3
ANSC 322 or BIOL 222	3 CAS 100, CAS 100A, CAS 100B, or CAS 100C ^{††}	3
BMB 211	3 Supporting Course ³	3
ANSC 290	1 Supporting Course ³	3
ANSC 207 [*]	2	
ANSC 208 [*]	1	
16-17		15

Fourth Year

Fall	Credits Spring	Credits
ANSC 420, 423, 427, or 431	3-4 Supporting Course ³	3
ENGL 202A, 202B, 202C, or 202D ^{††4}	3 Supporting Course ³	3
Supporting Course ³	3 Supporting Course ³	3
Supporting Course ³	3 Supporting Course ³	2
Elective	3 Elective	3

General Education Course	3 General Education Course (GHW)	1.5
18-19		15.5

Total Credits 124-132

- * Course requires a grade of C or better for the major
- ‡ Course requires a grade of C or better for General Education
- # Course is an Entrance to Major requirement
- † Course satisfies General Education and degree requirement

¹ Students must adhere to one of the following course sequences: ECON 102, BA 303, BA 304; or AGBM 101, AGBM 102, AGBM 200.

² Required to complete one of the following: ANSC 202W, ANSC 217 and 426, or ANSC 421 and 426, or ANSC 226 and 426, or ANSC 424 and 426; ENGL 50, ENGL 210, ENGL 212, ENGL 213, ENGL 215; any world language (level 1-3), SPAN 105 or 106; CAS 212, 213, 250, 352; AEE 330, AEE 360, AEE 440. If an ANSC course is selected, it cannot count as a supporting course and fulfill the Communication Skills requirement.

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First Year

Fall	Credits Spring	Credits
ENGL 15, 30H, or ESL 15 ^{††}	3 AGBM 101 or ECON 102 [†]	3
CHEM 110 [†]	3 CHEM 112 [†]	3
CHEM 111 [†]	1 CHEM 113 [†]	1
MATH 21, 22, 26, 41, 110, or 140 ^{††1}	3-4 ANSC 100	3
General Education Course	3 CMPSC 101, 203, MATH 22, MATH 111, MATH 141, STAT 200, or STAT 250 ^{††}	3
First Year Seminar	1-3 General Education Course	3
14-17		16

Second Year

Fall	Credits Spring	Credits
BIOL 110 [†]	4 ANSC 201 [*]	4
CHEM 202 or 210	3 BIOL 220W, 230W, or 240W	4
PHYS 250	4 CHEM 203 or 212 <i>and</i> 213 ²	3-5
General Education Course (GHW)	1.5 AGRO 28, SOILS 101, ANSC 211, or ANSC 213	3
General Education Course	3 General Education Course	3
15.5		17-19

Third Year

Fall	Credits Spring	Credits
ANSC 301 [*]	3 ANSC 300 [*]	3
ANSC 305, 306, 308, 309, 310, 311, 315, 324, or 327 [*]	3-4 MICRB 201	3
BMB 211	3 MICRB 202	2
BMB 212	1 BMB 221	2
ANSC 290	1 CAS 100, CAS 100A, CAS 100B, or CAS 100C ^{††}	3
ANSC 207 [*]	2 General Education (GHW)	1.5
ANSC 208 [*]	1	
ANSC 322 or BIOL 222	3	
17-18		14.5

Fourth Year

Fall	Credits Spring	Credits
ANSC 305, 306, 308, 309, 310, 311, 315, 324, or 327 [*]	3-4 ANSC 423	3
ANSC 431	4 Supporting Course ⁵	3
ENGL 202C ^{††3}	3 Supporting Course ⁵	3
Elective ⁴	3 Communication Skills Selection ⁶	3

General Education Course	3 Elective	3
16-17		15

Total Credits 125-132

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