

Bachelor of Science in Animal Sciences Pre-Veterinary/Science Option (2025-2026)

First-Year Experience UCORE	Credits	Offered
History 105 [ROOT]: Roots of Contemporary Issues	3	F, SP, SU
Written Communication (3) [WRTG]		
ENGLISH 101: College Composition	3	F, SP, SU
Communication (3) [COMM]		
COM 102 or H D 205: Oral Communication	3	F, SP, SU
Quantitative Reasoning [QUAN]		
STAT 212: Introduction to Statistical Methods	4	F, SP, SU
Inquiry in the Social Sciences		
ECONS 101: Microeconomics or ECONS 102: Macroeconomics	3	F, SP, SU
3 of the following: Inquires		
UCORE: Humanities course [HUM]	3	F, SP, SU
UCORE: Arts Course [ARTS]	3	F, SP, SU
UCORE: Diversity Course [DIVR]	3	F, SP, SU
UCORE Equity and Justice [EQJS]	3	F, SP, SU
Inquiry in the Sciences		
Biology 106 [BSCI]: Organismal Biology	4	F, SP, SU
Biology 107 [BSCI]: Cell Biology and Genetics [BSCI]	4	F, SP, SU
CHEM 105 [PSCI]: Principles of Chemistry I	4	F, SP, SU
CHEM 106: Principles of Chemistry II	4	F, SP, SU
Math 106: College Algebra & Math 108: Trig OR Math 140 or Math 171	4-5	F, SP, SU
Integrative Capstone [CAPS]		
UCORE Capstone -See Animal Production Course Below	3	F, SP
Animal Sciences Core (20 Credits)	Credits	Offered
ANIM SCI 101: Introductory Animal Science	3	F, SP
ANIM SCI 180: Animal Sciences Orientation	1	Fall
ANIM SCI 240: Intro to Domestic Anatomy & Physiology and VET PH 308	3/1	Spring
ANIM SCI 313: Feeds and Feeding	4	F (or Sp at U of Idaho)
ANIM SCI 330: Animal Genetics	3	F (or SP at U of Idaho)
ANIM SCI 350: Physiology of Reproduction	3	SP (or F at U of Idaho)
ANIM SCI 351: Physiology of Reproduction Lab	1	SP (or F at U of Idaho)
ANIM SCI 380: Careers in Animal Science	1	F, SP
Additional Animal Sciences Requirements for the Major (23 Credits)		
Animal Management Lab: ANIM SCI 166, 172, 174	Choose 1	Varies by Course
Animal Health Elective: VET CLIN 361 or BIO 324	Choose 1	Varies by Course
ANIM SCI 200-300-Level Electives: 205 [BSCI], 260, 266, 267, 274, 285, 314, 315, 345, 360	Choose 2	Varies by Course
Animal Production Course [CAPS] [M]: ANIM SCI 464, 466, 468, 472, 474 Doesn't double dip with requirements below	Choose 1	Varies by Course
ANIM SCI 400-Level Electives: ANIM SCI 408 [M], 440 [M], 451 [M], 454, 460, 468 [M], 481, 485 [M], 488 [M]	Choose 3	Varies by Course
Pre-Vet Requirements for WSU		
CHEM 345: Organic Chemistry	4	F, SP, SU
MBIOS/BIOLOGY 301: General Genetics	4	F, SP, SU
MBIOS 303: Introductory Biochemistry	4	F, SP, SU
PHYSICS 101 [PSCI] & 111 [PSCI]: General Physics	4	F, SP, SU

If applying to other Vet Schools, check their prerequisites for additional classes.

Sample 4-year plan Pre-Vet

First Year

Courses	Credits
ANIM_SCI 101	3
ANIM_SCI 180	1
CHEM 105 [PSCI]	4
ENGLISH 101 [WRTG] or HISTORY 105 [ROOT]	3
MATH 106 or 140 or 171	3-4
	14

Courses	Credits
BIOLOGY 106 [BSCI] or 107 [BSCI]	4
CHEM 106	4
ENGLISH 101 [WRTG] or HISTORY 105 [ROOT]	3
MATH 108	2
ANIM SCI 200-300 Level or UCORE	3
	16

Second Year

Courses	Credits
ANIM_SCI 166, 172, or 174	1
BIOLOGY 106 [BSCI] or 107 [BSCI]	4
CHEM 345	4
COM 102 [COMM] or H D 205 [COMM]	3-4
ANIM_SCI 200-300 Level or UCORE	3
	15-16

Courses	Credits
ANIM_SCI 240	3
MBIOS 303 or CHEM 370	3-4
STAT 212 [QUAN]	4
UCORE	3
ECONS 101 [SSCI] or ECONS 102 [SSCI]	3
	16-17

Third Year

Courses	Credits
ANIM_SCI 313	4
ANIM_SCI 330	3
ANIM_SCI 380	1
MBIOS 301 or BIO 301	4
ANIM_SCI Elective	3
Complete Writing Portfolio	
	15

Courses	Credits
ANIM_SCI 350	3
ANIM_SCI 351	1
ANIM_SCI Elective	3
UCORE	3
PHYSICS 101 & 111	4
	14

Fourth Year

Courses	Credits
ANIM_SCI 464 [CAPS] [M] or 472 [CAPS] [M]	3
ANIM_SCI 400-Level Elective	5-6
UCORE or other Electives	6-7
	14-16

Courses	Credits
ANIM_SCI 400-Level Elective	3
ANIM_SCI 466 [CAPS] [M] or 474 [CAPS] [M], UCORE if needed	3
VET_CLIN 361, BIO 324, or VET_PH 308	1-3
ELECTIVES	6-8
	13-17

Math 100+103 Sequence

First Year

Course	Credits
<u>ANIM_SCI 180</u>	1
<u>ENGLISH 101 [WRTG] or HISTORY 105 [ROOT]</u>	3
<u>MATH 100 + 103</u>	5
<u>COM 102 [COMM]</u>	3
UCORE	3
	15

Course	Credits
<u>BIOLOGY 106 [BSCI] or 107 [BSCI]</u>	4
<u>CHEM 105 [PSCI]</u>	4
<u>ENGLISH 101 [WRTG] or HISTORY 105 [ROOT]</u>	3
<u>MATH 106 (ALEKS 70% or MATH 101)</u>	2
<u>ANIM_SCI 101</u>	3
	16

Course	Credits
<u>BIOLOGY 106 [BSCI] or 107 [BSCI]</u>	4
<u>MATH 108</u>	2
	6

Second Year

Course	Credits
<u>ANIM_SCI 166, 172, or 174</u>	1
<u>STAT 212 [QUAN]</u>	3
<u>CHEM 106</u>	4
<u>COM 102 [COMM] or H_D 205 [COMM]</u>	3-4
<u>ANIM_SCI 200-300 Level or UCORE</u>	3
	14-15

Course	Credits
<u>ANIM_SCI 240</u>	3
<u>MBIOS 303</u>	3-4
<u>STAT 212 [QUAN]</u>	4
UCORE	3
<u>ECONS 101 [SSCI] or ECONS 102 [SSCI]</u>	3
	16-17

Notes:

- UCORE requirements are based on the catalog for the year you begin college.
- To certify in Animal Sciences, complete 24 minimum credits with a GPA of 2.0 or higher.
- Courses may be offered in Fall (F), Spring (SP), and Summer (S). Specific ANIM_SCI courses may be taken at the University of Idaho
- Sample 4-Year Plan will be different for every student. Based on transfer credits, running start, or ALEKS placement test. You will be placed in the appropriate Math classes to begin your college career.