WASHINGTON STATE UNIVERSITY

Bachelor of Science in Animal Sciences
Animal Technology and Production

University Core (UCORE) and Departmental Requirements:

Minimum of 34 credits required in UCORE, with no more than three, 3-credit courses within the major.

First-Year Experience (3 credits)	**Credits**	**Semester(s) Offered**	**Taken**	**Grade**
HISTORY 105: Roots of Contemporary Issues [ROOT]	3	**F**all, **Sp**ring, **Su**mmer		

Foundational Competencies (9 credits minimum)				
Written Communication (3) [WRTG]				
ENGLISH 101: Introductory Writing	3	F, Sp, Su		
Communication (3) [COMM]				
COM 102 or H_D 205: Oral Communication	3-4	F, Sp, Su		
Quantitative Reasoning (3) [QUAN]				
STAT 212: Statistics	4	F, Sp, Su		

Ways of Knowing (16 credits minimum)				
Inquiry in the Social Sciences (3) [SSCI]				
ECONS 101: Microeconomics	3	F, Sp, Su		
Inquiry in the Humanities (3) [HUM]				
UCORE Humanities Course	3	F, Sp, Su		
Inquiry in the Creative and Professional Arts (3) [ARTS]				
UCORE Arts Course(s)	3	F, Sp, Su		
Inquiry in the Natural Sciences (7 minimum) [BSCI] [PSCI]				
BIOLOGY 106: Organismal Biology [BSCI]	4	F, Sp, Su		
CHEM 101 or 105: Chemistry [PSCI]	4	F, Sp, Su		

Integrative and Applied Learning (6 credits minimum)				
Global Diversity (3) [DIVR]				
UCORE Diversity Course	3	F, Sp, Su		
Integrative Capstone (3) [CAPS]				
UCORE Capstone Course Anim_Sci 464, 466, 472, 474	3	F, Sp		

Animal Sciences Core (16 credits)				
ANIM_SCI 101: Introductory Animal Science	3	F		
ANIM_SCI 180: Animal Sciences Orientation	1	F		
ANIM_SCI 240: Intro to Domestic Anatomy & Physiology	3	Sp		
ANIM_SCI 313: Feeds and Feeding	4	F (or Sp at U of Idaho)		
ANIM_SCI 330: Animal Genetics	3	F		
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 Requirements for the Major (23 credits)				
Animal Management Lab: ANIM_SCI 166, 172, 174 or 280	1	F, Sp 166, F-172, 174		
Animal Production Course: ANIM_SCI 464, 466, 472, 474, (CAPS and M)	3	F-464, 472 Sp-466, 474		
BIOLOGY 107: Cell Biology and Genetics	4	F, Sp, Su		
CHEM 102 or 106: Chemistry	4	Sp, Su-102; F, Sp, Su-106		
MATH 106: Pre-Calculus	3	F, Sp, Su		
MATH 108: Trigonometry	2	F, Sp, Su		

Animal Management Option (36-39 credits)				
Business/Economics Requirement: ACCTG 220 or 230, B_LAW 210, ECONS 330, 335, 350, 351, 352, 450	6	Varies by course		
Agricultural Sciences Elective from: AFS, AGTM, CROP_SCI, ENTOM, FS, HORT, NATRS, SOIL_SCI	3	Varies by course		
Animal Sciences Group 1 Electives: ANIM_SCI 205, 260, 266, 267, 274, 285, 314, 315, 345, 360	4-6	Varies by course		
Animal Sciences Group 2 Electives: ANIM_SCI 314, 315, 345, 360, 408, 440, 451, 454, 464, 466, 468, 472, 473, 474, 485, 488 (Including 1 M courses)	11-12	Varies by course		
Animal Sciences Experiential Learning: ANIM_SCI 398, 399 and/or 499 Strongly Recommended		Su- 399; F, Sp, Su-399, 499		
Animal Health Elective: VET_CLIN 361 , BIO 324	3-4	Sp		

Checklist:		
Requirement	**Credits**	✓
UCORE	36-37	
Animal Sciences Core	16	
Additional for Major	23	
Animal Mgmt. Option	36-39	
Open Electives	5-9	
Certify Major	24	
Writing Portfolio/Exam	--	
Upper-Division	40	
Writing in the Major	6	
Total Credits	120	

Notes:

UCORE requirements are based on catalog for year you begin college (if before Fall 2012, follow General Education Requirements (GER)).

To certify in Animal Sciences, complete ≥ 24 credits with cumulative GPA ≥ 2.0.

Courses may be offered in Fall (F), Spring (Sp) and/or Summer (Su). Certain ANIM_SCI courses may be taken at the University of Idaho.

ANIMAL SCIENCES – TECHNOLOGY AND PRODUCTION

The Animal Sciences degree focuses on the biology of animals kept by humans for various purposes. The ***Animal Management Option*** emphasizes the business, economics and practical management aspects of animal production and the care of animals. This option prepares students for employment in animal agriculture, animal shelters, vivaria, zoos, and other animal enterprises and allied industries.

SAMPLE FOUR-YEAR PLAN[1]

	Fall Semester	Credits	Spring Semester	Credits
First Year	ANIM_SCI 101	3	Biology 106	4
	ANIM_SCI 180	1	CHEM 102 or 106	4
	CHEM 101 or 105	4	COM 102 or H_D 205-Recommended	3-4
	ENGLISH 101 or HISTORY 105	3	ENGLISH 101 or HISTORY 105	3
	MATH 106	3	MATH 108	2
		14		**16-17**
Second Year	BIOLOGY 107	4	ANIM_SCI 240	3
	ANIM_SCI 260,266, 274, 285	2-3	ECONS 101 [SSCI]	3
	ANIM_SCI 166, 172 or 174	1	STAT 212 [QUAN]	4
	UCORE [ARTS]	3	UCORE [DIVR]	3
	Electives	3	ELECTIVES	3
		13-14		**16**
Third Year	ANIM_SCI 313	4	ANIM_SCI 350	3
	ANIM_SCI 330	3	ANIM_SCI 351	1
	ANIM_SCI 380	1	ANIM_SCI Group 2 elective	3
	ANIM_SCI Group 1 elective	2-3	Business/Economics course	3
	Business/Economics course	3	VET_CLIN 361	3
	ELECTIVES	3	UCORE [HUM]	3
	Complete Writing Portfolio	**16-17**		**16**
Fourth Year	ANIM_SCI 464[CAPS][M], or 472[CAPS][M]	3	ANIM SCI Group 2 elective[2]	6
	ANIM SCI Group 2 elective	2-3	ANIM_SCI [CAPS] or ELECTIVE	3
	ECONS 350	3	Electives	5
	Agricultural Sciences Elective	3		**14**
	Elective	3		
		15		

[1] This is an example of a 4-year plan. Your program may include different courses. Consult with your advisor about the best combination and order of courses for you. Total credits must equal at least 120 including 40 credits of upper division-300-400 level.

[2] At least one of these electives needs to be an [M-Writing in the Major] course