

Effective Fall 2025

ID: _____ Advisor: _____

IV. PROFESSIONAL CONCENTRATION (33 cr). Min. GPA 2.0 req.

<u>Course Description:</u>	<u>Course No.</u>	<u>Grade</u>	<u>Cr.</u>
Foundation Course Requirements (5 cr):			
Introduction to Animal Science (A1)*	AVS 101*		3
Intro. Animal Science Laboratory	AVS 102		1
Freshman Seminar AVS	AVS 110		1
Concentration Course Requirements (25 cr):			
Advanced Animal Management Techniques	AVS 304		3
Anatomy & Physiology	AVS 331		3
Anatomy & Physiology Lab	AVS 333		1
Animal Diseases	AVS 332		3
Behavior of Managed Animals	AVS 343		3
Animal Management Course (300+)^			3
Nutrition (AVS 212 or AVS 412)			3
Physiology of Animal Reproduction* (D1)	AVS 472		3
Animal Science Elective (400+)			3
Additional concentration credits (3 cr; 300+ level course(s) in CELS):			
Additional concentration course			
Additional concentration course			

V. ANIMAL SCIENCE EXPERIENTIAL LEARNING (12 cr)

<u>Course Description:</u>	<u>Course No.</u>	<u>Grade</u>	<u>Cr.</u>
AVS Management Course^			
Animal Science Elective^^^			
Animal Science Elective^^^			
AVS 399/491/492/498 (min 3 cr, max 12)			

VI. SUPPORTING ELECTIVES^^ (24 cr)

[illegible]

- See AVS Advising Sheet (page 2) for course suggestions

[illegible]

B.S. Animal and Veterinary Science
Effective Fall 2025

Animal and Veterinary Science Courses		
Course Code	Course (Semester offered, credits)	GenEd Outcome
AVS 101	Introduction to Animal Science (F, S, Su, J, 3 crs)	A1
AVS 102	Introduction to Animal Science Laboratory (F, S, 1 cr)	
AVS 110	Freshman Seminar in Animal and Veterinary Science (S, 1 cr)	
AVS 122	Biology and Behavior of Sharks and Whales (F, 3crs)	
AVS 132G	Sustainable Agriculture, Food Systems, and Society (F, Su, J, 3 crs)	A2, G
AVS 201	Companion Animal Management (F, 3 crs)	
AVS 212	Feeds and Feedings (S, 3 crs)	
AVS 275	Pasture and Grazing Management in Sustainable Agriculture (F, Su, 4 crs)	
AVS 291	Laboratory Research Skills (F, 1 cr)	
AVS 300+ Courses qualify for the Concentration requirement if not otherwise required by option		
AVS 300X	Winter Dairy Travel Course (J, 1 cr)	
AVS 301	Seminar in Animal and Veterinary Science (F, 1 cr)	
AVS 304	Advanced Animal Management Techniques (F, S, 3 crs)^	
AVS 323	Ruminant Livestock Management (F, 3 crs)	
AVS 324	Non-Ruminant Livestock Management (S, 3 crs)	
AVS 325	Exotic Pet Management (S, 3 crs)	
AVS 326	Equine Management (S, 3 crs)	
AVS 327	Zoo Animal Management (F, additional fee required, 3 crs)	
AVS 331	Anatomy and Physiology (F, 3 crs)	
AVS 332	Animal Diseases (S, Su, 3 crs)	
AVS 333	Anatomy and Physiology Laboratory (F, 1 cr)	
AVS 343	Behavior of Managed Animals (S, Su, 3 crs)	
AVS 372	Introductory Endocrinology (F, 3 crs)	
AVS 390	Wildlife and Human Disease (S, 3 crs)	
AVS 398	Practicum in Zoo and Aquarium Animal Science (F, S, 1 cr)	
AVS 399	Animal Science Internship (F, S, Su, 1-6 crs)	
AVS 400X	Advanced Small Farm Management (S, 4 crs)	
AVS 404	Food Systems, Sustainability and Health (F, 3 crs)	B4, D1
AVS 412	Animal Nutrition (F, 3 crs)^	
AVS 420	Animal Breeding & Genetics (S, 3 crs)	
AVS 427	Zoo and Aquarium Animal Welfare (S, 2 crs)	
AVS 440	Seminar on Marine Mammals (F, additional fee required, 3 crs)	
AVS 442	Physiology and Behavior of Marine Mammals (J, additional fee required, 3 crs)	
AVS 443	Advanced Methods in Applied Animal Behavior (S, 3 crs)	D1
AVS 462	Laboratory Animal Techniques (S, 4 crs)	
AVS 463	Animal Veterinary Technology (S, 3 crs)	
AVS 472	Physiology of Reproduction (S, 3 crs)^	D1
AVS 473	Physiology of Reproduction Lab (S, 1 cr)	
AVS 491	Special Projects (F, S, Su, 1-6 crs)	
AVS 498	Teaching Practicum in Animal and Veterinary Science (F, S, 1-3 crs)	
AVS 503	Pathobiology (3 crs)^	
AVS 504	Food Systems, Sustainability and Health - graduate level (F, 3 crs)	
Additional Concentration and Supporting Elective Courses		
	Additional concentration courses include any 300 or 400 level course in CELS*	
	Additional supporting electives can be any course taught in CELS*, Business** or the following prefixes: APG, CHM, CSC, ECN, MTH, OCG, PHY, STA	
AFS 190	Issues in Biotechnology (F, S, online, 3 crs)	A1
BIO 341	Cell Biology (F, S, 3 crs)^	
BIO/CMB 352	General Genetics (F, S, Su, 4 crs)^	
ECN 201	Principles of Economics, Microeconomics	A2
EEC 105	Introduction to Resource Economics	A2
NRS 100	Natural Resource Conservation (F, S, 3 crs ,A1)	A1
NRS 223	Conservation Biology (S, 4 crs)	
SAF 305	Sustainability for the Common Good (F, S, 3crs)	B1, C2
SAFS 383	Food Justice (S, 3 crs)	A2, C3
SAFS 400G	Reimagining Food Systems Through Agroecology (F, 3 crs)	D1, G

*CELS Courses include following prefixes: AFS, AVS, BIO, BTC, CMB, EEC, GEG, GEO, LAR, MAF, MLS, NRS, PLS, SAF

**College of Business Courses include the following prefixes: INE, MKT

^Recommended courses for students interested in Graduate School, dependent upon area of interest

B.S. Animal and Veterinary Science - Animal Science Option- Effective Fall 2025

Sample 4 Year Plan

College of the Environment and Life Sciences

Freshman Year Fall Semester

Course Code	Description	Cr	
AVS 101,102	Introduction to Animal Science, Lab	4	
BIO 101,103	Principles of Biology I, Lab	4	
COM 100	COM Fundamentals	3	
	General Education Course / MTH	3	
URI 101	Planning for Academic Success	1	
		15	

Freshman Year Spring Semester

Course Code	Description	Cr	
AVS 110	AVS Freshman Seminar	1	
BIO 102,104	Principles of Biology II, Lab	4	
WRT 104 OR 106	Writing Gen Ed (B4)	3	
	General Education Course / MTH	3	
AVS 212	Feeds and Feeding (if not taking AVS 412)	3	
	Supporting Elective or Gen Ed Course	3	
		14-17	

Year 1 Milestones: Earn 30 credits and a GPA of 2.0 or higher. Meet with your Faculty Advisor for ANSC option discussion.

Sophomore Year Fall Semester

Course Code	Description	Cr	
AVS 331/333	Anatomy and Physiology Lecture & Lab	4	
	Concentration or Sup Elective Course	3	
	Supporting Elective	4	
	Concentration or Sup Elective Course	3	
	Supporting Elective or Gen Ed Course	3	
		14-17	

Sophomore Year Spring Semester

Course Code	Description	Cr	
AVS 343	Behavior of Managed Animals	3	
CHM	Chem. w/ lab (CHM 101/102 or 103/105)	4	
	Supporting Elective	3	
WRT 300+	300 or 400 Level Writing course	3	
	General Education Course	3	
		16	

Year 2 Milestones: Earn 60 credits and a GPA of 2.0 or higher. Meet with your Faculty Advisor to discuss major and experiential learning opportunities.

Junior Year Fall Semester

Course Code	Description	Cr	
AVS 304	Advanced Animal Management Techniques	3	
	AVS Elective Course	3	
	Supporting Elective Course	3	
	General Education course	3-4	
AVS 412	Animal Nutrition (if not taking AVS 212)	3-4	
		15-17	

Junior Year Spring Semester

Course Code	Description	Cr	
	Animal Management Course (300+)	3	
AVS 332	Animal Diseases	3	
	AVS Concentration Course (400+)	3	
	General Education course	3-4	
	Free Elective	3-4	
		15-17	

Year 3 Milestones: Earn 90 credits and a GPA of 2.0 or higher. Meet with your Faculty Advisor to prepare intent to graduate application for fall submission.

Senior Year Fall Semester

Course Code	Description	Cr	
	Concentration or Supporting Elective Courses	3	
	Concentration or Supporting Elective Courses	3	
	AVS Elective Course	3	
	General Education course	3-4	
	Free Elective	3-4	
		15-17	

Senior Year Spring Semester

Course Code	Description	Cr	
	Concentration or Supp Elective Courses	3	
	Concentration or Supp Elective Courses	3	
AVS 472	Physiology of Animal Reproduction	3	
	General Education course	3-4	
	AVS Management Course	3	
		15-17	

Year 4 Milestones: Earn 120 credits and a GPA of 2.0 or higher in CUM and CON. Complete all remaining required courses.

Total Credits to Graduate = 120

Please Note: This document is for **planning purposes only** and does not equate or replace your major specific curriculum sheet. **This is NOT your Curriculum Sheet.** This tool can be used to map out your individual 4-year plan while at URI. **This form is not to be turned in as part of your Graduation Application.**

Name: _____
Major: _____

Student ID: _____
Subplan: _____

Course Code	Description	Sem.	Cr

Course Code	Description	Sem	Cr

Course Code	Description	Sem.	Cr

Course Code	Description	Sem	Cr

Course Code	Description	Sem	Cr

Course Code	Description	Sem	Cr

Course Code	Description	Sem.	Cr

Course Code	Description	Sem	Cr

Total Credits Earned:	
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Course Code	Description	Sem.	Cr

Course Code	Description	Sem.	Cr

Course Code	Description	Sem.	Cr

Course Code	Description	Sem.	Cr

Course Code	Description	Sem.	Cr

Course Code	Description	Sem.	Cr

Course Code	Description	Sem.	Cr

Course Code	Description	Sem.	Cr

Total Credits Remaining for Graduation:	
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