

Veterinary Science Option

4-Year Plan

Year 1

Semester 1-Fall		Semester 2-Spring	
AGRI 103 Introduction to Agricultural and Natural Resource Systems	3 cr	ACE 2	3 cr
ASCI 100 Fundamentals of Animal Biology and Industry	4 cr	ACE 1	3 cr
ASCI 95 Orientation Seminar	0 cr	ACE 5, 7, or 8	3 cr
LIFE 120L Fundamentals of Biology I Laboratory	1 cr	LIFE 121 Fundamentals of Biology II	3 cr
LIFE 120 Fundamentals of Biology I	3 cr	LIFE 121L Fundamentals of Biology II Laboratory	1 cr
ACE 5, 7, or 8	3 cr	TOTAL CREDITS	13
TOTAL CREDITS	14		

Year 2

Semester 3-Fall		Semester 4-Spring	
ASCI 340 Animal Physiological Systems	4 cr	ASCI 201	1 cr
CHEM 109 General Chemistry I	4 cr	ASCI 210	3 cr
ACE 5, 7, or 8	3 cr	AGRO 315 Genetics	4 cr
Free Elective	3 cr	CHEM 110 General Chemistry II	4 cr
TOTAL CREDITS	14	AECN 141 or ECON 211 or ECON 212	3 cr
		TOTAL CREDITS	15

Year 3

Semester 5-Fall		Semester 6-Spring	
ASCI 341 Physiology and Management of Reproduction	4 cr	ASCI 320 Animal Nutrition and Feeding	3 cr
ASCI 330 Animal Breeding	4 cr	BIOC 321 Elements of Biochemistry	3 cr
CHEM 251 Organic Chemistry I	3 cr	CHEM 252 Organic Chemistry II	3 cr
CHEM 253 Organic Chemistry I Laboratory	1 cr	Free Elective	3 cr
Experiential Learning	2 cr	Experiential Learning	2 cr
Communication Elective	3 cr	TOTAL CREDITS	14
TOTAL CREDITS	17		

Year 4

Semester 7-Fall		Semester 8-Spring	
ASCI 486 Animal Biological Systems	3 cr	ASCI 491 Animal Science Seminar	1 cr
BIOS 312 Microbiology	3 cr	ASCI/VBMS Elective (400 level)	6 cr
BIOS 314 Microbiology Laboratory	1 cr	PHYS 141 & 141L Elementary General Physics I	5 cr
ASCI/VBMS Elective (400 level)	6 cr	Free Elective	5 cr
Business Elective	3 cr	TOTAL CREDITS	17
TOTAL CREDITS	16		