

## Veterinary Science Checklist (2006 catalog)

Name: \_\_\_\_\_

120 credit units; **42** of these must be upper division (300, 400 level) courses

### General Education Requirements

Foundations:			
Class	Units	Sem	
Composition ENGL 101 and 102	3, 3	all	
Mathematics (college algebra) MATH 110*	4	all	
Foreign Language 2 semesters or 1 year proficiency required			

### Core Curriculum Tier One

Traditions and Cultures (2 courses)			
Recommended: Trad 104 Human and Animal Interrelationships from Domestication to Present			
Individuals and Societies (2 courses)			
Natural Sciences Satisfied by pre-major science courses			

### Core Curriculum Tier Two

Arts (1 course)			
Individuals and Societies (1 course)			
Humanities (1 course)			
Natural Sciences Satisfied by pre-major science courses			
Gender/Race/Class/Ethnicity/Non-western; Usually satisfied by previous tier class			

\*If placed into calculus, we recommend that you still complete calculus

### General Electives to complete 120 units

Revised 5/31/06

### Pre-Major Requirements

Classes	Units	Sem	
VSC 195F Careers in Veterinary Science	1	fall	
MCB 181R, MCB 181L Biology I	3, 1	fall sum	
ECOL 182 Biology II	4	spg	
PLS 312 Animal and plant genetics or ECOL 320 genetics	4	spg	
ECOL 320 genetics	4	fall	
MIC 205A and 205L Microbiology	3, 1	fall	
CHEM 103A and 104A Inorganic chemistry I	3, 1	all	
CHEM 103B and 104B Inorganic chemistry II	3, 1	all	
CHEM 241A and 243A Organic chemistry I	3, 1	all	
CHEM 241B and 243B Organic chemistry II	3, 1	all	
BIOC 460 Biochemistry or BIOC 462A and 462B	3 4, 4	f/spg f+spg	
BIOC 461 Nucleic Acids OR MCB 411 Molecular Bio OR MCB 473 Recomb DNA OR MCB 410 Cellular Biology OR MIC 330 Microbes and Cells	2 3 4 3 3	fall fall/spg spg fall/spg fall	
COMM 101 or 119 or AED 439 or AGTM 422 or FSHD401 or 428, MCB 404	3 or more	all	
PHYS 102 and 181 Physics I	3, 1	all	
PHYS 103 and 182 Physics II	3, 1	all	
MATH 263 Biostatistics or PSYC 230	3	all	

### Major Requirements (min. 22 units)

VSC 400A and 400B Animal anatomy & physiology	3, 3	fall, spg	
VSC 419 General immunology concepts	4	spg	
VSC 495A Current Topics in Vet Sci	1	spg	
1 course from: VSC 403R, 420, 433	3		
VSC electives to include at least one disease-related and one lab course from the attached list	≥ 8		