Pre-Veterinary Biology

General Studies:

Composition & Oral Communication Outcome (6-10 credit hours)
2-3 courses, grade of C or better required

ENG 101 and ENG 102	__, __	COM 101	__
OR		(required for all students)	
ENG 103	__		

Analysis Outcome (3 credit hours; 7-11 credit hours of MATH and BIO/CHEM/PHYS satisfied within major requirements)
Students must take one course:

COM 203 (Arg/Debate)	__	LING 150 (Intro Ling)	__
ECON 103 (Microecon)*	__	PHIL 210 (Logic)	__
FIN 131 (Financial Lit)	__	PSYC 101 (Intro to Psych)	__

Cultural Literacy Outcome (18 credit hours)
Students must take courses from each literacy block as directed:

History (1 Course)		Literature (1 Course)	
HIST 103, 104, 210, 211	__	ENG 202, 204, 205, 214, 215	__

Arts & Humanities (2 Courses)		Social Sciences (2 Courses)	
1 courses from each group		2 courses from different groups	
GROUP I:		GROUP I:	
ART 140, 341, 343,		GEO 205, 206	__
MUS 130, 132, 133, 134			
THE 100, 300	__	GROUP II:	
		POLS 101, 201, 202	__
GROUP II:			
PHIL 201, 205		GROUP III:	
REL 250, 335		SOC 150, SWK 201	__
Any FREN or SPAN			
SPA 252	__		

*ECON 103 strongly suggested as General Studies option for pre-vet students

Core Courses: (37 hours)

BIO 124/125[t] (Prin Bio; F/S)	__/__	CHEM 112/113 (Chem II; S)	__/__
BIO 202/203 (Zoo/lab; F/S)	__/__	PHYS 101/110 (Physics I; F)	__/__
BIO 207 (Funds Eco/Biodiv; F/S)	__	PHYS 102/111 (Physics II; S)	__/__
BIO 208 (Found Cell/Molec; F/S)	__	MATH 145[t] (Precal)	__
CHEM 110/111[t] (Chem I; F)	__/__	BIO 221 (Biostats)	__

Required Courses (40-44 hours):

BIO 325/326 (Micro/lab;F)	__ (4h)	CHEM 340/341(OChem1/lab;F)	__(4h)
BIO 356 (Parasitology & lab)	__ (4h)	CHEM 342/343(OChem2/lab;S)	__(4h)
BIO 401 (Genetics/lab; S)	__ (4h)	CHEM 480 (Biochem; F)	__ (3h)
BIO 458 (Reprod. Phys)	__ (3h)	OR	
BIO 480 (Capstone)	__ (2h)	BIO 470 (Biol Chem; F)	__ (3h)

Choose one course in vertebrate zoology at the 300-400 level, including lab as appropriate:

BIO 343 Vert Zoology/lab	__(4h)	BIO 384 Zoo Mammalogy/lab	__(4h)
BIO 380 Zoo Ornithology/lab	__(4h)	BIO 408 Herpetology/lab	__(4h)
BIO 382 Zoo Herpetology/lab	__(4h)		

*BIO 380, 382, and 384 require the Zoo Sciences course fee.

Choose one course/series of anatomy and physiology (4h or 8h):

Option 1	Option 2
BIO 302/303 Human A&P1/lab __/__(4h)	BIO 426 Comp. An. Physiol __(4h)
AND	
BIO 328/334 Human A&P2/lab __/__(4h)	

Biology Electives: 4 credit hours of any combination of BIO 200 Biol of Plants and/or BIO 300-400
Suggested courses: BIO 317 Immunology, BIO 335 Arthropod Diversity, BIO 346 Mycology, BIO 404/405 Ecology & lab, BIO 408 Herpetology, BIO 432 Histology, BIO 440 Conservation Biology, BIO 456 Animal Nutrition, BIO 472 Cell Biology, BIO 479 Internship

General Electives: Any 300-400 level general electives to total 120h (120h required for graduation; roughly 3-11 credit hours dependent on choices in program).

Please check prerequisites for admission at <u>each school</u> for which you intend to apply by spring term of the sophomore year.

Most veterinary schools require **<u>veterinary experience</u>** as a prerequisite. The number of hours required by each school may vary. Please check veterinary experience requirements as you explore various programs and their prerequisites for admission.

Admission to veterinary school is highly competitive. Active research, summer internships at veterinary facilities/programs, community service, and other activities are necessary to help your application stand out during the admission process.

Courses may not be offered every semester/year; please consult with Biology advisor.