

# Bachelor of Science in Natural Sciences - Pre-Veterinary

Required courses:

<b>Bachelor of Science in Natural Sciences Core</b>
PHY 2034 General Physics I <b>OR</b> PHY 2234 University Physics I
PHY 2044 General Physics II <b>OR</b> PHY 2244 University Physics II
MTH 1243 College Algebra
STA 2053 Applied Biostatistics
BIO 2104 Botany
BIO 2114 Zoology
BIO 2094 Microbiology
CHM 1014 University Chemistry I
CHM 1024 University Chemistry II
<b>Total: 34 Hours</b>

## Additional Requirements:

(Requires U. Chem)

CHM 3063/3051 Org. Chem I with lab

CHM 3073/3131 Org. Chem II with lab

BIO 3084 Comparative Anatomy and Physiology of Vertebrates

CHM 4283 Biochemistry

MTH 1233 Applied Trigonometry

Minor Required

## 8 Semester Plan

Year 1			Year 1		
Fall			Spring		
BIO 1023/BIO 1021	Gen Bio Maj/Lab	4	BIO 2114	Zoology	4
ENG 1463	English A	3	CHM 1024	U Chem II	4
MTH 1243	College Algebra	3	ENG 1473	English B	3
	Henderson Seminar	1	PSY 1013	General Psych	3
CHM 1014	U Chem I	4		Life Fitness or PE	1
		15			15
Year 2			Year 2		
Fall			Spring		
BIO 2104	Botany	4	STA 2053	Appl. Biostats	3
ENG 2053	Studies in Lit	3	BIO 2094	Microbiology	4
CHM 3063/3051	Org. Chem I with lab	4	COM 2013	Oral Com	3
	Nonwestern Culture	3	CHM 3073/3131	Org. Chem II with lab	4
		14			14
Year 3			Year 3		
Fall			Spring		
PHY 2034/PHY 2234	Gen Phys I/U Phys I	4	ENG 3613	Tech Writing	3
	Social Science	3	PHY 2044/PHY 2244	Gen Phys II/U Phys II	4
CHM 4283	Biochemistry	3		Minor Course	3-4
CHM 4381	Biochemistry Lab*	1		Humanities	3
	Minor Course	3-4		Social Sci	3
		14-15			16-17

Year 4				Year 4		
Fall				Spring		
BIO 3084	Comparative Anatomy and Physiology of Vert.	4			Natural Science Upper Level	4
MTH 1233	Applied Trigonometry	3			Minor Course	3-4
	Minor Course	3-4			free elective	3
	Minor Course	3-4			free elective	3
					free elective	3
		13-15				16-17
	*Recommended					