

Bachelor of Science in Natural Sciences - Pre-Optometry

Required courses:

Bachelor of Science in Natural Sciences Core
PHY 2234 University Physics I
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
Total: 34 Hours

Additional Requirements:

(Requires U. Chem)

CHM 3063/3051 Org. Chem I with lab

CHM 3073/3131 Org. Chem II with lab

CHM 4283 Biochemistry

5 additional hours of biology, chemistry, or physics

PSY 1013 Gen Psych

MTH 1294 Calculus I

Minor Required

Recommended:

CHM 4381 Biochemistry Lab

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	STA 2053	Appl. Biostats	3
MTH 1243	College Algebra	3	ENG 1473	English B	3
	Henderson Seminar	1	PSY 1013	General Psych	3
	Social Science	3		Humanities	3
		14			16
Year 2			Year 2		
Fall			Spring		
BIO 2104	Botany	4	CHM 1024	U Chem II	4
ENG 2053	Studies in Lit	3	BIO 2094	Microbiology	4
CHM 1014	U Chem I	4	COM 2013	Oral Com	3
	Nonwestern Culture	3		Minor Course	3-4
	Life Fitness or PE	1			
		15			14-15
Year 3			Year 3		
Fall			Spring		
PHY 2234	U Phys I	4		Minor Course	3-4
MTH 1294	Calculus I	4	PHY 2244	U Phys II	4
CHM 3063/3051	Org. Chem I with lab	4	CHM 3073/3131	Org. Chem II with lab	4
	Social Sci	3		Minor Course	3-4
		15			14-16

Year 4			Year 4		
Fall			Spring		
ENG 3613	Tech Writing	3		Natural Science Upper Level	4
CHM 4283	Biochemistry	3		Minor Course	3-4
CHM 4381	Biochemistry Lab*	1		free elective	3
	Minor Course	3-4		free elective	3
	free elective	3		free elective	3
	Free Elective	3			
		16-17			16-17
	*Recommended				