

Bachelor of Science in Natural Sciences - Pre-Medical

Required courses:

Bachelor of Science in Natural Sciences Core
PHY 2034 General Physics I OR PHY 2234 University Physics I
PHY 2044 General Physics II OR 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

BIO 3054 Genetics

1 additional hour of biology, chemistry, or physics

Minor Required

Recommended:

CHM 4381 Biochemistry Lab

BIO 3544 Human A & P I

BIO 3554 Human A&P II

BIO 4214 Cell Biology

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		
	Minor Course	3-4	BIO 3054	Genetics	4
	Minor Course	3-4		Minor Course	3-4
	free elective	3		free elective	3
	free elective	3		free elective	3
	free elective	3			
		15-1 7			13-1 4
	*Recommended				