

Biomedical Sciences Major**78-82 sh Total**

Requirements	62 sh	Required Electives	16-20 sh
<u>Chemistry Requirements</u>		<u>Lecture Courses (choose 2)</u>	
CHEM:1110 Principles of Chemistry I	4	BIOL:2723 Cell Biology^, 3sh	6-7
CHEM:1120 Principles of Chemistry II	4	BIOL:3343 Animal Physiology^, 3sh	
CHEM:2210 Organic Chemistry I	3	BIOL:3233 Intro to Development^, 3sh	
CHEM:2220 Organic Chemistry II	3	BIOL:2753 Intro Neurobiology^, 3sh	
BIOC:3120 Biochemistry & Molecular Biology I	3	BIOL:2254 Endocrinology^, 3sh	
BIOC:3130 Biochemistry & Molecular Biology II	3	BIOL:4213 Bioinformatics, 4sh	
		BIOC:5241 Biophysical Chemistry I, 3sh	
		MICR:3147 Survey of Immunology, 3sh	
<u>Physics Requirements</u>		<u>Chemistry Lab Course (choose 1)</u>	
PHYS:1511 College Physics I	4	CHEM:2410 Organic Chemistry Lab, 3sh	2-3
PHYS:1512 College Physics II	4	BIOC:3130 Experimental Biochemistry, 2sh	
<u>Mathematics Requirements</u>		<u>Investigative Lab Course (choose 1)</u>	
MATH:1460 Calculus for the Biological Sciences	4	BIOL:3626 Cell Biology Laboratory	4
STAT:3510 Biostatistics	3	BIOL:3656 Neurobiology Laboratory	
		BIOL:3676 Evolution Lab	
		BIOL:3716 Genetics and Biotechnology Lab	
<u>Life Sciences Requirements</u>		<u>Experiential Elective (fulfill 1)</u>	
BIOL:1411 Foundations of Biology	4	Honors Research	4-6
BIOL:2211 Genes, Genomes & Human Condition	3	or Additional Lab Course	
BIOL:3373 Human Population Genetics and Variation	3		
MICR:2157 General Microbiology	5		
HHP:3500 Human Physiology	3		
<u>Social Sciences</u>			
SOC:1010 Introduction to Sociological Principles	3		
PSY:1001 Elementary Psychology	3		
PSY:2130 Advanced Psych for Pre-Med Track	3		

^change pre-reqs to allow entry after Human Phys