

Major in Biochemistry/Molecular Biology (B.S.): Excellent Preparation for Med School

Courses highlighted in green: Material you will encounter in Medical School				
Course #	Course Name	Course Credit	Prerequisites for medical school admission	Prep courses for MCAT (E=essential, H=helpful)
BIO124/124D	Integrative Biology: Genes, Cells, Change	4	X	E
BIO128/128D	Integrative Biology: Metabolism, Energy, Biodiversity	4	X	E
BIO332/333	Genetics	4	X	H
BIO354/355	Cell Biology	4		H
BIO396/397	Molecular Biology	4		H
BIO388/389 or CHE388/389	Biochemistry I or Biochemistry I	4	X	H
CHE113/113D & CHE214/215 or CHE208/208D	General Chemistry I and General Chemistry II or Accelerated General Chemistry	4-8	X	E
CHE224/225	Organic Chemistry I	4	X	E
CHE226/227	Organic Chemistry II	4	X	E
CHE312/313	Quantitative Analysis	4		
CHE344/345	Thermodynamics, Kinetics, and Statistical Mechanics	4		
CHE396/397	Biochemistry II/Lab			H
MAT124M	Calculus 1	4		H
MAT125	Calculus 2	4		H
PHY292/292D PHY296/297	General Physics I General Physics II	8	X	E
Choose one of the following sequences (Biology or Chemistry Research Emphasis):				
BIO399	Introduction to Research	1		
& BIO495	and Biology Seminar	2		
& BIO496	and Biology Research	1		
& BIO499	and Biology Symposium	0		
or				
CHE395	Chemistry Seminar: Research and Professional	1		
& CHE490	and Chemistry Seminar: Research	1		
& CHE494	and Chemistry Seminar: Research Presentation	1		

Revised: 8.28.2020