



Biochemistry Pre-Med Major – Bachelor of Science

FIRST YEAR-SEMESTER #1	FIRST YEAR- SEMESTER #2	UNIVERSITY CORE
BIO 111 Principles of Biology I 4	BIO 112 Principles of Biology II 4	COMMON GOOD
BIO 111A Prin. of Biology I Lab 0	BIO 112A Prin. of Biology II Lab 0	CORE 115 Common Ground Code COR
BIO 111R Prin. of Bio Recitation 0	CHE 112 General Chemistry II 3	Justice & the Common Good Code JCG
CHE 111 General Chemistry I 3	CHE 112A Gen. Chem II Lab 1	Ethics Code CE
CHE 111A Gen. Chem. I Lab 1	CHE 112R Gen. Chem. II Rec 0	Experiential Learning Code EXP
CHE 111R Gen. Chem. I Rec 0	COM 100/ ENG 101 3	Core Capstone Code CCP
MTH 174 Statistics 3	SOC 103 Our Social World 3	HUMANITIES
PSY 103 Intro to Psychology 3	Core requirement 3	Speech (COM 100) Code C
CORE 115 Common Ground 3		Writing (ENG 101) Code C
		Literature (ENG) Code CL
		Art or Music Code CAM
		History Code CH
		Religious Studies Code CR
		Philosophy Code CP
		SCIENCES
		Biology/Chemistry/Physics + Lab Code CN
		Mathematics Code CMA
		SOC 103 Our Social World Code CS
		Choose one discipline:
		ECO 212 Microeconomics Code CEP
		PSY 103 Psychology Code CEP
SECOND YEAR-SEMESTER #1	SECOND YEAR-SEMESTER #2	
CHE 211 Organic Chemistry I 3	CHE 212 Organic Chemistry II 3	
CHE 211A Org. Chem I Lab 1	CHE 212A Org. Chem II Lab 1	
PHY 201 General Physics I 3	CHE 200 Chem. Soph. Seminar 1	
PHY 201A Gen. Physics I Lab 1	PHY 202 General Physics II 3	
CED 220 Foundations of Professionalism 1	PHY 202A Gen. Physics II Lab 1	
COM 100/ENG 101 3	Core requirement 3	
Core requirement 3	Core requirement 3	
THIRD YEAR-SEMESTER #1	THIRD YEAR-SEMESTER #2	
CHE 325 Biochemistry I 3	CHE 326 Biochemistry II 3	
CHE 325A Biochem. I Lab 1	CHE 326A Biochem. II Lab 1	
BIO 197/197A or 305/305A or 310/310A or 320/320A 4	CHE 300 Chem. Junior Seminar 1	
Core requirement 3	BIO 198/198A or 305/305A or 310/310A or 320/320A 4	
Core requirement 3	Core requirement 3	
Core requirement 3	Elective 3	
FOURTH YEAR-SEMESTER #1	FOURTH YEAR-SEMESTER #2	
CHE 314 Inter. Analytical Chem 3	CHE 315 [#] or 360 or elective 3	
CHE 314A Inter. Analytical Chem Lab 1	CHE 315A [#] or 360A or elective 1	
BIO 197/197A or 305/305A or 310/310A or 320/320A or 3 3	CHE 400 Chem. Seminar & Capstone 1	
Core Capstone 3	BIO 198/198A or 305/305A or 310/310A or 320/320A or 3 3	
Elective 3 or 4	Elective 3 or 4	
Core requirement 3	Elective 3	
	Elective 3	

NOTES

Prerequisites:
 Chemistry- College preparatory high school chemistry or the successful completion of a placement test.
 Math- Three years of college preparatory high school mathematics including functions.

120 credit hours minimum needed to graduate

*Students must have an appropriate math placement before enrolling in MTH 174 and CHE 111.

Curriculum Guide does not replace advising by a faculty member within the Chemistry program

#Students take CHE 315/315A Instrumental Analysis with lab
 Or CHE 360/360A Intermediate Inorganic Chem with lab

Students choose two from BIO 197 Human Anatomy & Physiology I; BIO 198 Human Anatomy & Physiology II; BIO 305 Microbiology; BIO 310 Cell Biology; BIO 320 Genetics (all with lab)