



Biochemistry - Pre-Pharmacy Major – Bachelor of Science

FIRST YEAR-SEMESTER #1	FIRST YEAR- SEMESTER #2	UNIVERSITY CORE
BIO 111 Principles of Biology I 4	CHE 112 General Chemistry II 3	COMMON GOOD
BIO 111A Prin. of Biology I Lab 0	CHE 112A Gen. Chem II Lab 1	CORE 115 Common Ground Code COR
BIO 111R Prin. of Bio Recitation 0	CHE 112R Gen. Chem. II Rec 0	Justice & the Common Good Code JCG
CHE 111 General Chemistry I 3	MTH 174 Statistics 3	Ethics Code CE
CHE 111A Gen. Chem. I Lab 1	COM 100/ ENG 101 3	Experiential Learning Code EXP
CHE 111R Gen. Chem. I Rec 0	SOC 103 Our Social World 3	Core Capstone Code CCP
MTH 193 Calculus I 4	Core requirement 3	HUMANITIES
PSY 103 Intro to Psychology 3		Speech (COM 100) Code C
CORE 115 Common Ground 3		Writing (ENG 101) Code C
		Literature (ENG) Code CL
SECOND YEAR-SEMESTER #1	SECOND YEAR-SEMESTER #2	Art or Music Code CAM
CHE 211 Organic Chemistry I 3	CHE 212 Organic Chemistry II 3	History Code CH
CHE 211A Organic Chem I Lab 1	CHE 212A Organic Chem II Lab 1	Religious Studies Code CR
PHY 201 General Physics I 3	CHE 200 Chem. Soph. Seminar 1	Philosophy Code CP
PHY 201A Gen. Physics I Lab 1	PHY 202 General Physics II 3	SCIENCES
CED 220 Foundations of Professionalism 1	PHY 202A Gen. Physics II Lab 1	Biology/Chemistry/Physics + Lab Code CN
COM 100/ENG 101 3	Core requirement 3	Mathematics Code CMA
Core requirement 3	Core requirement 3	SOC 103 Our Social World Code CS
THIRD YEAR-SEMESTER #1	THIRD YEAR-SEMESTER #2	Choose one discipline:
CHE 325 Biochemistry I 3	CHE 326 Biochemistry II 3	ECO 212 Microeconomics Code CEP
CHE 325A Biochem. I Lab 1	CHE 326A Biochem. II Lab 1	PSY 103 Psychology Code CEP
BIO 197 Human Anatomy & Physiology I 4	CHE 300 Chem. Junior Seminar 1	
BIO 197A Human Anatomy & Physiology I Lab 0	BIO 198 Human Anatomy & Physiology II 4	NOTES
Core requirement 3	BIO 198A Human Anatomy & Physiology II Lab 0	Prerequisites:
Core requirement 3	ENG 300 Advanced Composition 3	Chemistry- College preparatory high school chemistry or the successful completion of a placement test.
Core requirement 3	Core requirement 3	Math- Three years of college preparatory high school mathematics including functions.
FOURTH YEAR-SEMESTER #1	FOURTH YEAR-SEMESTER #2	120 credit hours minimum needed to graduate
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 215 Microbiology or Elective 3/4	CHE 400 Chem. Seminar & Capstone 1	
BIO 215 Microbiology Lab 0	BIO 305 Microbiology or Elective 3/4	
Core Capstone 3	BIO 305A Microbiology Lab 0	
<p>#Students take CHE 315/315A Instrumental Analysis with lab Or CHE 360/360A Intermediate Inorganic Chem with lab</p>		<p>*Students must have an appropriate math placement before enrolling in MTH 193 and CHE 111.</p> <p>**Curriculum Guide does not replace advising by a faculty member within the Chemistry program**</p>