

BS CHEM: BIOCHEMISTRY CONCENTRATION 2244
BS CHEM: BIOCHEMISTRY CONCENTRATION PREMEDICINE 2246
BS CHEM: BIOCHEMISTRY CONCENTRATION PREDENTISTRY 2248

Major and Related Courses

Chem 121/123 or 125	Chem 122/124	Chem 286
Chem 333	Chem 341	Chem 351/353
Chem 352/354	Chem 371	Chem 372
Chem 386	Chem 443	Chem 466
Chem 467	Chem 486r	^a Physics 103/183 ⁽¹⁾
^a Physics 104/184 ⁽¹⁾	^a Math151/152 ⁽²⁾	Math 161/162
Biol 121	Biol 122	Biol 311 or 428
Biol 325	1 yr foreign language	Research recommended ⁽³⁾

^aAlso fulfills General Education requirements

General Education (42 hrs)

Rhetoric and Composition (6 hrs)	Engl 121 and 122
Cultures and Civilizations (9 hrs)	W Human & NonW Cult, or World Civilizations
Humanities and Fine Arts (6 hrs)	3 hrs Fine Arts, and 3 hrs either area
Behavioral and Social Sciences (6 hrs)	Two courses in different disciplines
Natural Sciences (8 hrs)	Physics 103/183, 104/184 or 230/280, 231/281
Mathematics (4 hrs)	Math 151/152
Statistics (3 hrs)	Math 210 or 307

Electives to Complete 120 hrs

Pre-medicine and pre-dentistry students should select another upper level biology course as an elective.

Typical Schedule

Freshman		Sophomore		Junior		Senior	
<u>Fall</u>		<u>Fall</u>		<u>Fall</u>		<u>Fall</u>	
Chem 121/123	4	Chem 341	4	Chem 371	4	Chem 333	3
Biol 121	4	Chem 351/353	4	Chem 386	1	Cult and Civil	3
Engl 121	3	Phys 103/183 or		Chem 466	3	Electives	5
Math 151/152	<u>4</u>	Phys 230/280	4	Foreign Lang I	4	Chem 486	1
		Social Science	<u>3</u>	Cult and Civil	<u>3</u>	Hum/Fine Art	<u>3</u>
	15		15		15		15
<u>Spring</u>		<u>Spring</u>		<u>Spring</u>		<u>Spring</u>	
Chem 122/124	4	Chem 352/354	4	Chem 372	4	Chem 443	4
Biol 122	4	Biol 325	3	Math 210	3	Chem 467	4
Math 161/162	4	Cult and Civil	3	Foreign Lang II	4	Social Science	3
Engl 122	<u>3</u>	Phys 104/184 or		Biol 311 or		Fine Art	<u>3</u>
		Phys 231/281	4	Biol 428	<u>4</u>		
	15	Chem 286	<u>2</u>		15		14
			16				

- (1) Physics 230/280 and 231/281 recommended for graduate school.
- (2) Students beginning lower than Math 151/152 must add lower Math classes.
 - a. Math 105 – Level 05
 - b. Math 106 – Level 15
 - c. Math 144 – Level 20
 - d. Math 145 – Level 30
- (3) Chem 495 or 497