

CHEMISTRY MAJOR

CONCENTRATION IN BIOCHEMISTRY (CHB)

GENERAL EDUCATION (12 Courses Required): General education goal 6 (Physical Science) is satisfied through completion of the Chemistry major, leaving eleven courses to be taken to satisfy the remaining general education goals through courses taken outside the major department. Only courses designated (Gen.Ed.) after the course title will meet general education requirements (refer to the catalog for complete information).

<u>COURSE #</u>	<u>TITLE</u>	<u>GOAL(S) MET</u>
<u>43.219</u>	<u>Calculus I</u>	<u>2</u>
_____	_____	_____
_____	_____	_____
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General Education Goals (Check off as Completed):

- | | |
|--------------------------------|--------------------------------------|
| 1 _____ Writing | 8 _____ Historical Studies |
| 2 _____ Quantitative | 9 _____ Social/Behavioral/Sciences |
| 3 _____ Language | 10 _____ Forces in The United States |
| 4 _____ Literature/Philosophy | 11 _____ Non-Western Studies |
| 5 _____ Visual/Performing Arts | 12 _____ Gender, Race and Class |
| 6 <u>X</u> Physical Science | <u>X</u> Laboratory Science |
| 7 _____ Life Science | _____ Study of the Constitutions |

X = Fulfilled through major

MAJOR AND RELATED COURSES (12):

<u>COURSE #</u>	<u>COURSE TITLE</u>
<u>33.107</u>	<u>Principles of Chemistry</u>
<u>33.108</u>	<u>Principles of Chemistry and Quantitative Analysis</u>
<u>33.207</u>	<u>Organic Chemistry I</u>
<u>33.208</u>	<u>Organic Chemistry II</u>
<u>33.303</u>	<u>Physical Chemistry I</u>
<u>33.302</u>	<u>Biochemistry I - Structures, Mechan. & Analysis</u> <i>or</i> <u>33.301 Biochemistry</u>
<u>33.409</u>	<u>Biochemistry II - Nutritional Biochem/Metabolism</u>
<u>23.272</u>	<u>Human Physiology and Anatomy I</u>
<u>23.273</u>	<u>Human Physiology and Anatomy II</u> <i>or</i> _____ <u>23.301 Genetics</u> <i>or</i> <u>23.310 Cell Biology</u>
<u>43.220</u>	<u>Calculus II</u>
<u>53.211</u>	<u>Principles of Physics I</u>
<u>53.212</u>	<u>Principles of Physics II</u>

Note: A minor in one of the following areas is required with the Biochemistry concentration: Secondary Education, Biology, Business, Communication Arts, Journalism, Mathematics, or Nutrition. Other minors may be approved by the Department of Chemistry and Food Science.

COURSES TOWARD MINOR AND FREE ELECTIVES (8):

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_____	_____
_____	_____
_____	_____
_____	_____
_____	_____
_____	_____