

CHEMISTRY MAJOR

CONCENTRATION IN BIOCHEMISTRY (CHB) WITH SECONDARY EDUCATION MINOR

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>
<u>42.200</u>	<u>Psychology of Development</u>	<u>9</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 | _____ 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>

SECONDARY EDUCATION MINOR COURSES (7):

<u>14.200</u>	<u>Education in American Society with Field Study I</u>
<u>14.315/316</u>	<u>Professional Prep. and Field Study II</u> <u>(Two Course Credits)</u>
<u>14.410/414</u>	<u>Student Teaching Practicum and Seminar I</u> <u>(Two Course Credits)</u>
<u>14.411/415</u>	<u>Student Teaching Practicum and Seminar II</u> <u>(Two Course Credits)</u>

Note: Students seeking certification at the middle school level must also take 42.212 Adolescent Psychology.

FREE ELECTIVE

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