I. General Education Requirements (42 S.H. plus Phys. Ed.)

Communication Skills (3 S.H.)
COM 160, 161, 162 or 163 ___________ ___________ ___________ 3 ___
Has completed one Writing Intensive (W) course 3 ___

Humanities (15 S.H. minimum, including 3 of 6 fields:
Fine and Applied Arts - only 1 studio course accepted
toward minimum - Foreign Language, Humanistic
Studies, Literature, Philosophy, Western History)

Social & Behavioral Sciences (12 S.H. minimum including
2 of 3 fields: Non-Western Culture, Psychology, Social
Sciences)

Natural Sciences & Mathematics (12 S.H. minimum)
PHY 110, 111 General Physics I & II (4 - 4)
MAT 181 Calculus I

Health Promotion and Exercise Sciences (2 S.H.)
HPX 177 Fitness for Life

II. Major Requirements (58-59 Semester Hours)
CHE 110, 111 General Chemistry I & II (4 - 4)
CHE 205, 206 Analytical Chemistry, Lect. & Lab (3-2)
CHE 210, 211 Organic Chemistry I & II (4-4)
CHE 250 Chemistry Seminar (.5-.5) (.5-.5)
CHE 300, 301, Physical Chemistry I & II (4 - 4)
CHE 421, 422 Biochemistry Lecture I & II (3 - 3)
CHE 431 Biochemistry Laboratory
BIO 103, 104 General Biology I & II (4 - 4)
MAT 182 Calculus II
CHE 311 Inorganic Chemistry
CHE 330 Senior Research

Senior Presentation Requirement □

III. Free Electives +

Foreign language Requirement Completed: YES □ NO □

+Minimum of 122 S.H. including HPX 177 For B.A. Degree

Office Admissions Evaluation of Transfer Credit
Entering Date ____day/eve/full/part-time
Previous School(s)__________________________

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Foreign Language Requirement Met Through
High School Exemption: YES □ NO □

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Total Transfer Credits

7/01, 7/04, 6/09, 6/12
## B.A. CHEMISTRY
### BIOCHEMISTRY OPTION/ACS APPROVED

### APPROVED ELECTIVE LISTING

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>CHE 320</td>
<td>Clinical Biochemistry</td>
<td>4 S.H.</td>
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<tr>
<td>CHE 400</td>
<td>Instrumental Methods of Analysis: Lecture</td>
<td>3 S.H.</td>
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<td>CHE 415</td>
<td>Medicinal Chemistry</td>
<td>3 S.H.</td>
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<td>CHE 420</td>
<td>Advanced Topics in Organic chemistry</td>
<td>3 S.H.</td>
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<tr>
<td>CHE 438</td>
<td>Molecular Biochemistry of Nucleic Acids</td>
<td>3 S.H.</td>
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<tr>
<td>BIO 300</td>
<td>Cell Biology</td>
<td>4 S.H.</td>
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<tr>
<td>BIO 310</td>
<td>Vertebrate Embryology</td>
<td>4 S.H.</td>
</tr>
<tr>
<td>BIO 318</td>
<td>Cytology</td>
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7/01, 7/04, 6/09, 6/12