Major: **BIOCHEMISTRY**  NO MINOR REQUIRED

ENGL 111 & 112 and Mathematics Core course (MATH 130 or higher) must be completed within the first four major terms.

### Liberal Arts Core

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Hrs</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>English 111</strong></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>English 112</strong></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>English 202 or 203 or 204</strong></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Foreign Language or Language Literature (any one)</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>FREN 201 or SPAN 201 or CHIN 213 or FREN 213 or SPAN 213 or WRLD 213 or CHST 122 or CHST 132</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Communications 110</strong></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Art 201, Art 202, Music 171, Music 371, Comm 218 or Comm 311 (any one)</strong></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Christian Studies 111</strong></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Christian Studies 112</strong></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>History 111 or 112 or 113 (any one)</strong></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Another History or Political Science 201</strong></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>COINS 209 or approved COINS</strong></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Mathematics 130 or higher</strong></td>
<td>4</td>
<td></td>
</tr>
<tr>
<td><strong>Social Science (any one)</strong></td>
<td></td>
<td></td>
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<tr>
<td>Economics 211 or 212</td>
<td></td>
<td></td>
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<tr>
<td>Political Science 101</td>
<td></td>
<td></td>
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<tr>
<td>Psychology 110</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Sociology 101, 203, or 205</td>
<td></td>
<td></td>
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<tr>
<td>Criminal Justice 210</td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Kinesiology 201</strong></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td><strong>Natural Science – requires 2 lab sciences (4 credit each)</strong></td>
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<tr>
<td>Limit one science per department</td>
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<td></td>
</tr>
<tr>
<td>BIOL 161 or 162 &amp; lab</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>CHEM 121/123&amp;lab</td>
<td>3</td>
<td></td>
</tr>
</tbody>
</table>

### Biochemistry Major

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Hrs</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 161: Foundations of Biology I/lab</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>162: Foundations of Biology II/lab</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>220: Microbiology &amp; Lab (min C)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>323: Cell Biology &amp; lab (Fall only)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>380: Genetics &amp; lab (Spring only)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>423: Molecular Biol (Spring only)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>approved Biol Elec (any 300/400 not 302 or 345)</td>
<td>3/4</td>
<td></td>
</tr>
<tr>
<td>CHEM 121: College Chemistry I (min C)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>123: College Chem I Lab (min C)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>122: College Chemistry II (min C)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>124: College Chem Lab II (min C)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>210: Quan Analysis (Fall only)</td>
<td>4</td>
<td></td>
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<tr>
<td>301: Organic Chem I &amp; lab (min C)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>302: Organic Chem II &amp; lab (min C)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>311: Biochemistry I &amp; lab (min C)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>312: Biochemistry II &amp; lab</td>
<td>4</td>
<td></td>
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<tr>
<td>421: Physical Chemistry</td>
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<td></td>
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<tr>
<td>or approved Chemistry elective</td>
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<tr>
<td>example CHEM 320: Instrumental Analysis</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>One of: PHYS 201 and Phys 202: Intro Physics I and II</td>
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<tr>
<td>Or PHYS 203 and PHYS 204: General Physical I and II</td>
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<td></td>
<td>4,4</td>
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</tbody>
</table>

### GENERAL ELECTIVES

(all other courses earned that are not required for CORE, MAJOR or MINOR)

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Hrs</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pre requisite for MATH 130 is <strong>MATH 111 with C or higher</strong></td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Prerequisites for BIOL 380:</td>
<td></td>
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</tr>
<tr>
<td><strong>GENERAL ELECTIVES NOTE:</strong> Math 099 and English 099 do not count toward the 125 minimum hours for graduation</td>
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</table>

### SUMMARY

<table>
<thead>
<tr>
<th>Basic Core &amp; minimum 2.00 GPA required for graduation</th>
<th>Major Residency</th>
</tr>
</thead>
<tbody>
<tr>
<td>Minimum 125 hours</td>
<td>300/400 CSU hrs required</td>
</tr>
<tr>
<td>Hrs reqd 48</td>
<td>15 hr</td>
</tr>
<tr>
<td>Hrs ernd ____</td>
<td>=300/400 CSU hrs earned</td>
</tr>
<tr>
<td>Hrs lack ____</td>
<td>_____</td>
</tr>
<tr>
<td>Hrs reqd 68</td>
<td>_____</td>
</tr>
<tr>
<td>Hrs ernd ____</td>
<td>_____</td>
</tr>
<tr>
<td>Hrs lack ____</td>
<td>_____</td>
</tr>
<tr>
<td>Hrs lack residency ____</td>
<td>_____</td>
</tr>
<tr>
<td>Overall GPA ____</td>
<td>lack GPA ____</td>
</tr>
</tbody>
</table>

Prepared _____________________________     Date___________

Office of Academic Advising  Integrating Faith in Learning, Leading and Serving  Revised 6/16/2013

It is solely and only the student’s responsibility to meet the requirements for graduation. All forms of advising are for informational purposes only.