MAJOR COURSE GUIDE
Not an Official Record – Official Records from Office of Registrar

Student ______________________ ID ______________  Catalog of Record (Year) 2012-13
Update year if change in major– see catalog
(no minor required)

Major: **BIOLOGY**  Emphasis = PRE-PROFESSIONAL

English 111 & 112 and Mathematics CORE course (Math 111 or higher) must be earned within the first four terms.

<table>
<thead>
<tr>
<th>Liberal Arts Studies (CORE)</th>
<th>Hrs</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>English 111</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>English 112</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>English 202 or 203 or 204</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Foreign Language or Language Literature (any one)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>French 201, Spanish 201 or Chinese 213, Fren Lit 213, Span Lit 213, World Lit 213</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Communication 110</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Art 201 or 202 or Music 171 (any one)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Religion 111</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Religion 112</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>History 111 or 112 or 113 (any one)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Another History or Political Science 201</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>COINS 209 or approved COINS</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Mathematics 130 PreCalculus</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>Social Science (any one course)</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Economics 211 or 212</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Political Science 101</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Psychology 110</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Sociology 101 or 203 or 205</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Criminal Justice 210</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Kinesiology 201</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BIOL 161&amp; 161L</td>
<td>3, 1</td>
<td></td>
</tr>
<tr>
<td>CHEM 121 &amp;123 lab</td>
<td>3, 1</td>
<td></td>
</tr>
</tbody>
</table>

You must earn a grade of C or higher in CHEM 121 & 123 and Chem 122 & 124 lab.

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Hrs</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 162/162L: Foundations of Biology II</td>
<td>3, 1</td>
<td></td>
</tr>
<tr>
<td>201/201L: Invertebrate Zoology</td>
<td>3, 1</td>
<td></td>
</tr>
<tr>
<td>203/203L: Vertebrate Zoology</td>
<td>3, 1</td>
<td></td>
</tr>
<tr>
<td>380/380L: Genetics</td>
<td>3, 1</td>
<td></td>
</tr>
<tr>
<td>410/410L: Ecology</td>
<td>3, 1</td>
<td></td>
</tr>
<tr>
<td>PROFESSIONAL EMPHASIS</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 226/226L: Anatomy &amp; Physiology I</td>
<td>3, 1</td>
<td></td>
</tr>
<tr>
<td>227/227L: Anatomy &amp; Physiology II</td>
<td>3, 1</td>
<td></td>
</tr>
<tr>
<td>220/220L: Microbiology</td>
<td>3, 1</td>
<td></td>
</tr>
<tr>
<td>323/323L: Cell Biology</td>
<td>3, 1</td>
<td></td>
</tr>
<tr>
<td>BIOL 400 - 402: Biological Research</td>
<td>1-3</td>
<td></td>
</tr>
<tr>
<td>423/423L: Molecular Biology</td>
<td>3, 1</td>
<td></td>
</tr>
<tr>
<td>ELECTIVES (8 hrs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL elective (300/400 level w/lab)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>BIOL elective (300/400 level w/lab)</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>REQUIRED SUPPORTING STUDIES (28hrs)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CHEM 122 &amp; 124 lab</td>
<td>3, 1</td>
<td></td>
</tr>
<tr>
<td>CHEM 301: Organic Chemistry I &amp; Lab</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>302: Organic Chem II &amp; Lab</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>311:Biochem I &amp; Lab</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>312: Biochem II &amp; Lab</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>PHYS 201: Intro Physics I &amp; Lab</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>202: Intro Physics II &amp; Lab</td>
<td>4</td>
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</tr>
</tbody>
</table>

GENERAL ELECTIVES NOTE - Math 099 and English 099 do not count toward the 125 minimum hours for graduation

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

<table>
<thead>
<tr>
<th>COURSE</th>
<th>Hrs</th>
<th>Grade</th>
</tr>
</thead>
<tbody>
<tr>
<td>Math 111 (prereq for 130)</td>
<td>3</td>
<td></td>
</tr>
</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>Minor 1 Residency</td>
<td>12 hr</td>
<td></td>
</tr>
<tr>
<td>-300/400 CSU hrs required</td>
<td>12 hr</td>
<td></td>
</tr>
</tbody>
</table>
=300/400 CSU hrs lacking | 12 hr |
| Minor Residency | 6 hr |
| -300/400 CSU hrs required | 6 hr |
=300/400 CSU hrs lacking | 6 hr |

SUMMARY

<table>
<thead>
<tr>
<th>MINIMUM 125 HOURS &amp; MINIMUM 2.00 GPA REQUIRED</th>
</tr>
</thead>
<tbody>
<tr>
<td>CORE</td>
</tr>
<tr>
<td>Hrs reqd 48</td>
</tr>
<tr>
<td>Hrs earned</td>
</tr>
<tr>
<td>Hrs lack</td>
</tr>
<tr>
<td>Lack residency</td>
</tr>
<tr>
<td>Overall GPA</td>
</tr>
</tbody>
</table>

Prepared _____________________________     Date___________
Office of Academic Advising  Integrating Faith in Learning, Leading and Serving  revised 5/30/2012