# Curriculum Guide for AS to BS Forensic Science: Biology at WCU

## Freshman/First Year

<table>
<thead>
<tr>
<th>1st Semester*</th>
<th>Fall</th>
<th>2nd Semester</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CC Course</strong></td>
<td><strong>WCU Course Equivalent</strong></td>
<td><strong>LS Cat.</strong></td>
<td><strong>Credit Hours</strong></td>
</tr>
<tr>
<td>ENG 111</td>
<td>ENGL 101</td>
<td>C1</td>
<td>3</td>
</tr>
<tr>
<td>MAT 172/175</td>
<td>MATH 146</td>
<td>C2</td>
<td>4</td>
</tr>
<tr>
<td>History</td>
<td>History</td>
<td>P3</td>
<td>3</td>
</tr>
<tr>
<td>History</td>
<td>History</td>
<td>P3</td>
<td>3</td>
</tr>
<tr>
<td>Humanities/Fine Arts</td>
<td>Humanities</td>
<td>P4</td>
<td>3</td>
</tr>
<tr>
<td>ACA 122</td>
<td>USI 130</td>
<td>1</td>
<td></td>
</tr>
<tr>
<td><strong>Total Credit Hours</strong></td>
<td>18</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*This assumes placement into college level courses. This is only meant to be a guide. Please see your academic advisor to develop your individual plan.

Requirements to be admitted to Forensic Science may have students completing 5 years instead of 4.

## Sophomore/Second Year

<table>
<thead>
<tr>
<th>3rd Semester</th>
<th>Fall</th>
<th>4th Semester</th>
<th>Spring</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>CC Course</strong></td>
<td><strong>WCU Course Equivalent</strong></td>
<td><strong>LS Cat.</strong></td>
<td><strong>Credit Hours</strong></td>
</tr>
<tr>
<td>HEA 110/PED 110/Other Elective</td>
<td>Wellness</td>
<td>C4</td>
<td>3</td>
</tr>
<tr>
<td>CJC 111</td>
<td>CJ 150</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>World Cultures</td>
<td>World Cultures</td>
<td>P6</td>
<td>3</td>
</tr>
<tr>
<td>World Cultures</td>
<td>World Cultures</td>
<td>P6</td>
<td>3</td>
</tr>
<tr>
<td>BIO 111/Gen. Ed/UGETC Elective</td>
<td>BIOL 140</td>
<td>C5</td>
<td>4</td>
</tr>
<tr>
<td><strong>Total Credit Hours</strong></td>
<td>14</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

UGETC=purple shading  
Gen. Ed.=beige shading  
Other required hours=blue shading  

*rev. 2/16/2021*
<table>
<thead>
<tr>
<th>WCU Course</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Notes</th>
<th>WCU Course</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 241</td>
<td>Organic Chemistry I</td>
<td>3</td>
<td>Needed to apply</td>
<td>CHEM 242</td>
<td>Organic Chemistry II</td>
<td>4</td>
<td></td>
</tr>
<tr>
<td>MATH 270</td>
<td>Statistical Methods I</td>
<td>3</td>
<td>Needed to apply</td>
<td>Choice</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>PHYS 131</td>
<td>Introductory Physics II</td>
<td>4</td>
<td>Needed to apply</td>
<td>FS 380/389</td>
<td>Research or Co-Op Ed.</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BIOL 240</td>
<td>Introduction to Genetics</td>
<td>4</td>
<td></td>
<td>BIOL 333</td>
<td>Cellular and Molecular Biology</td>
<td>4</td>
<td>Pre-req for FS 422</td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
<td>3</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Credit Hours</strong></td>
<td>17</td>
<td></td>
<td></td>
<td></td>
<td><strong>Total Credit Hours</strong></td>
<td>14</td>
<td></td>
</tr>
</tbody>
</table>

**Senior/Fourth Year**

<table>
<thead>
<tr>
<th>WCU Course</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Notes</th>
<th>WCU Course</th>
<th>Course Title</th>
<th>Credit Hours</th>
<th>Notes</th>
</tr>
</thead>
<tbody>
<tr>
<td>FS 422</td>
<td>Forensic Biology</td>
<td>4</td>
<td>Only offered in fall. Biology Conc. Students can only take FS 422</td>
<td>CHEM 475</td>
<td>Biochemistry Lab</td>
<td>1</td>
<td>Must be taken after BIOL/CHEM 361</td>
</tr>
<tr>
<td>FS 495</td>
<td>Senior Seminar in Forensic Science</td>
<td>1</td>
<td></td>
<td>BIOL/FS 330</td>
<td>Population Genetics for FS</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>BIOL/CHEM 361</td>
<td>Principles of Biochemistry</td>
<td>3</td>
<td></td>
<td>FS 466</td>
<td>Physical Methods in Forensic Science</td>
<td>3</td>
<td>Only offered in spring</td>
</tr>
<tr>
<td>CJ 323</td>
<td>Crime Scene Investigations</td>
<td>3</td>
<td></td>
<td>Choice</td>
<td>Approved upper-level biology or FS course</td>
<td>3</td>
<td></td>
</tr>
<tr>
<td>Elective</td>
<td>Elective</td>
<td>3</td>
<td></td>
<td>Elective</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>Total Credit Hours</strong></td>
<td>14</td>
<td></td>
<td></td>
<td><strong>Total Credit Hours</strong></td>
<td>13</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Total Credit Hours 126

Reminder: 30 hours of 300-400 level courses must be taken at WCU.

More Information on B.S. Forensic Science

UGETC=purple shading

Gen. Ed.=beige shading

Other required hours=blue shading

rev. 2/16/2021