# A.A.S. in Biotechnology & Laboratory Science - 441C to Liberal Studies Environmental Sustainability Concentration

<table>
<thead>
<tr>
<th>Southern State Community College Course</th>
<th>Antioch University Midwest Course</th>
<th>Credit Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>First Semester</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>BIOL 1101  Principles of Biology I</td>
<td>Transfer Credit</td>
<td>5</td>
</tr>
<tr>
<td>BTN 1110  Intro. to Biotech &amp; Lab Science</td>
<td>SST Elective</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 1101  English Composition I</td>
<td>Transfer Credit</td>
<td>3</td>
</tr>
<tr>
<td>MATH 1141  College Algebra</td>
<td>Transfer Credit</td>
<td>3</td>
</tr>
<tr>
<td><strong>Second Semester</strong></td>
<td></td>
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</tr>
<tr>
<td>BIOL 1102  Principles of Biology II</td>
<td>Transfer Credit</td>
<td>5</td>
</tr>
<tr>
<td>BTN 1120  Biotech. &amp; Lab. Science of Agriculture &amp; Aquaculture</td>
<td>SST 4600 Sustainable Agriculture</td>
<td>4</td>
</tr>
<tr>
<td>ENGL 1102  English Composition II</td>
<td>Transfer Credit</td>
<td>3</td>
</tr>
<tr>
<td>PHIL 1107  Ethics</td>
<td>Transfer Credit</td>
<td>3</td>
</tr>
<tr>
<td><strong>Third Semester</strong></td>
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<tr>
<td>BIOL 2210  Microbiology</td>
<td>Transfer Credit</td>
<td>4</td>
</tr>
<tr>
<td>BTN 2210  Biotech. &amp; Lab. Science of Microorganisms</td>
<td>Transfer Credit</td>
<td>4</td>
</tr>
<tr>
<td>CHEM 1120  Introduction to Chemistry</td>
<td>Transfer Credit</td>
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</tr>
<tr>
<td>COMM 1115  Fundamentals of Effective Speech</td>
<td>Transfer Credit</td>
<td>3</td>
</tr>
<tr>
<td><strong>Fourth Semester</strong></td>
<td></td>
<td></td>
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<tr>
<td>BTN 2220  Adv. Biotechnology &amp; Lab Science</td>
<td>Transfer Credit</td>
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</tr>
<tr>
<td>BTN 2225  Historical, Ethical, Legal, Social, &amp; Economic Issues of Biotech &amp; Lab.</td>
<td>SST Elective</td>
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<tr>
<td>CHEM 1124  Elementary Organic Chemistry</td>
<td>Transfer Credit</td>
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</tr>
<tr>
<td>ENGL 2205  Technical Report Writing</td>
<td>Transfer Credit</td>
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</tr>
<tr>
<td>SOCI 1199  Seminar: Genographic Project</td>
<td>Transfer Credit</td>
<td>2</td>
</tr>
<tr>
<td><strong>Total Credit Hours (Associates)</strong></td>
<td></td>
<td>61</td>
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</table>
Electives taken at Southern State Community College

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 1125</td>
<td>Environmental Science</td>
<td>3</td>
</tr>
<tr>
<td>SOCI 1120</td>
<td>Introduction to Anthropology</td>
<td>3</td>
</tr>
<tr>
<td>COM 1110</td>
<td>Interpersonal Communication</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>6 credits from Arts/Humanities</td>
<td>6</td>
</tr>
<tr>
<td></td>
<td>14 credits Technical or other electives *Student Choice</td>
<td>14</td>
</tr>
</tbody>
</table>

Electives Taken at Southern State to Meet AUM Degree Requirements 29

Total Southern State Credits 90

Antioch University Midwest Courses

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>INTD 3250</td>
<td>Modes and Methods of Learning</td>
<td>3</td>
</tr>
<tr>
<td>INTD 3310</td>
<td>Literary Analysis and Argumentation</td>
<td>3</td>
</tr>
<tr>
<td>INTD 3350</td>
<td>Culture, Conflict, and Social Research</td>
<td>3</td>
</tr>
<tr>
<td>INTD 3450</td>
<td>Foundations of Civilization</td>
<td>3</td>
</tr>
<tr>
<td>INTD 3510</td>
<td>Ecology, Technology, and Society</td>
<td>3</td>
</tr>
<tr>
<td>INTD 3210</td>
<td>Experience and Expression</td>
<td>3</td>
</tr>
<tr>
<td>INTD 3550</td>
<td>Leadership</td>
<td>3</td>
</tr>
</tbody>
</table>

Major Requirements

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>SST 3500</td>
<td>Thinking in Systems</td>
<td>3</td>
</tr>
<tr>
<td>SST 4500</td>
<td>Green Entrepreneurship</td>
<td>3</td>
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</tbody>
</table>

Capstone

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>PRO 4970</td>
<td>Senior Project</td>
<td>3</td>
</tr>
</tbody>
</table>

Total Antioch University Midwest Credits 30

Total Credits for Degree 120

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Apply to Antioch University Midwest. AUM will then be your home institution for the last 60 credit hours.