IOWA STATE UNIVERSITY
College of Agriculture and Life Sciences
College of Liberal Arts and Sciences

Biology Transfer Checklist
*Eastern Iowa Community College (EICC) - Clinton, Muscatine, Scott*

Our transfer checklist is designed to assist students who wish to transfer courses from EICC to Iowa State University and major in Biology. Students need not complete everything on this list prior to transferring, but the courses suggested will fulfill our degree requirements. We recommend discussing our checklist with an advisor in our student services office, as other courses may also apply and could be more appropriate for a particular career.

**Biology Major Requirements**
The following courses are recommended for students interested in transferring to Biology. These courses satisfy Biology major requirements and often apply to other life science majors at Iowa State as well.

<p>| <strong>Recommended Biology Courses</strong> |</p>
<table>
<thead>
<tr>
<th>EICC</th>
<th>Course</th>
<th>ISU Equivalent</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIO 114</td>
<td>General Biology IA</td>
<td>BIOL 211/L</td>
</tr>
<tr>
<td>BIO 115</td>
<td>General Biology IIA</td>
<td>BIOL 212/L</td>
</tr>
</tbody>
</table>

**ATTENTION!** To receive credit for BIOL 211/L and BIOL 212/L, students must complete both BIO 114 and BIO 115

<p>| <strong>Recommended Chemistry Courses</strong> |</p>
<table>
<thead>
<tr>
<th>EICC</th>
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</tr>
</thead>
<tbody>
<tr>
<td>CHM 165</td>
<td>General Chemistry I</td>
<td>CHEM 177+L</td>
</tr>
<tr>
<td>CHM 175</td>
<td>General Chemistry II</td>
<td>CHEM 178+L</td>
</tr>
<tr>
<td>CHM 261</td>
<td>Organic Chemistry I</td>
<td>CHEM 331 \ CHEM 331L</td>
</tr>
<tr>
<td>CHM 271</td>
<td>Organic Chemistry II</td>
<td>CHEM 332 \ CHEM 332L</td>
</tr>
</tbody>
</table>

*the course sequences CHM 166/176 and CHM 263/273 also satisfy program requirements

<p>| <strong>Recommended Math Courses</strong> |</p>
<table>
<thead>
<tr>
<th>EICC</th>
<th>Course</th>
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</thead>
<tbody>
<tr>
<td>MAT 156</td>
<td>Statistics</td>
<td>STAT 104</td>
</tr>
<tr>
<td>MAT 210</td>
<td>Calculus I</td>
<td>MATH 165</td>
</tr>
</tbody>
</table>

<p>| <strong>Recommended Physics Courses</strong> |</p>
<table>
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<tr>
<th>EICC</th>
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</tr>
</thead>
<tbody>
<tr>
<td>PHY 162</td>
<td>College Physics I</td>
<td>PHYS 111</td>
</tr>
<tr>
<td>PHY 172</td>
<td>College Physics II</td>
<td>PHYS 112</td>
</tr>
</tbody>
</table>

Students may take additional life science courses at EICC to explore an interest area. Such courses will be considered electives within the Biology major, but may be used for a second major, a minor, or as pre-requisites for certain upper-level biology courses at Iowa State.
University and College Requirements

Students of all majors must complete university requirements. Further general education requirements are determined by choice of college, and Biology majors may be in either the College of Agriculture and Life Sciences (AgLS) or the College of Liberal Arts and Sciences (LAS).

Communications Requirements

<table>
<thead>
<tr>
<th>EICC</th>
<th>Course</th>
<th>ISU Equivalent</th>
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</thead>
<tbody>
<tr>
<td>ENG 105</td>
<td>Composition I</td>
<td>ENGL 150</td>
</tr>
<tr>
<td>ENG 106</td>
<td>Composition II</td>
<td>ENGL 250</td>
</tr>
<tr>
<td>SPC 111</td>
<td>Public Speaking</td>
<td>SP CM 212</td>
</tr>
<tr>
<td>SPC 112</td>
<td>Public Speaking</td>
<td>SP CM 212</td>
</tr>
</tbody>
</table>

NOTE! Students who have credit for ENGL 250 but not ENGL 150 will need to take an advanced writing course to meet university requirements.

Communications Requirements

Suggested U.S. Diversity Courses

HIS 257, LIT 105, PSY 261, PSY 262, SOC 115, SOC 261

Suggested International Perspective Courses

ANT 105, ART 101, CLS 121, GEO 121, HIS 117, HIS 118, HIS 119, HIS 231, MUS 100, REL 101

Students need to complete 3 credits of U.S. Diversity (USD) and 3 credits of International Perspectives (IP). The USD and IP courses may double count with college general education requirements. Students intending to major in LAS must complete 12 credits arts and humanities, 9 credits social sciences, and a world language proficiency (3 years of high school language or 101/102 college level); AgLS majors must complete 3 credits humanities, 3 credits ethics, and 3 credits social sciences. The following lists are suggestions and not intended to be exhaustive lists of possible options.

Suggested Arts and Humanities Courses

<table>
<thead>
<tr>
<th>EICC</th>
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</thead>
<tbody>
<tr>
<td>ART 203</td>
<td>Art History I</td>
<td>ART H 280</td>
</tr>
<tr>
<td>CLS 150</td>
<td>Latin American Hist</td>
<td>HUM 1T**</td>
</tr>
<tr>
<td>DRA 101</td>
<td>Intro to Theatre</td>
<td>THTRE 106</td>
</tr>
<tr>
<td>HIS 151</td>
<td>US History I</td>
<td>HIST 221</td>
</tr>
<tr>
<td>HIS 152</td>
<td>US History II</td>
<td>HIST 222</td>
</tr>
<tr>
<td>HIS 224</td>
<td>Nazi Germany</td>
<td>HIST 2T**</td>
</tr>
<tr>
<td>HUM 135</td>
<td>Hum of Early World</td>
<td>HUM 1T**</td>
</tr>
<tr>
<td>LIT 110</td>
<td>American Lit</td>
<td>ENGL 227</td>
</tr>
<tr>
<td>LIT 180</td>
<td>Mythology</td>
<td>ENGL 2T**</td>
</tr>
<tr>
<td>MUS 100</td>
<td>Music Appreciation</td>
<td>MUSIC 102</td>
</tr>
<tr>
<td>PHI 101</td>
<td>Intro Philosophy</td>
<td>PHIL 201</td>
</tr>
<tr>
<td>PHI 105</td>
<td>Intro Ethics</td>
<td>PHIL 230</td>
</tr>
<tr>
<td>REL 101</td>
<td>World Religion</td>
<td>RELIG 205</td>
</tr>
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Suggested Social Sciences Courses

<table>
<thead>
<tr>
<th>EICC</th>
<th>Course</th>
<th>ISU Equivalent</th>
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</thead>
<tbody>
<tr>
<td>ANT 105</td>
<td>Cultural Anthro</td>
<td>ANTHR 201</td>
</tr>
<tr>
<td>CRJ 100</td>
<td>Intro Criminal Justice</td>
<td>CJ ST 240</td>
</tr>
<tr>
<td>ECN 120</td>
<td>Macroeconomics</td>
<td>ECON 102</td>
</tr>
<tr>
<td>ECN 130</td>
<td>Microeconomics</td>
<td>ECON 101</td>
</tr>
<tr>
<td>GEO 121</td>
<td>World Geography</td>
<td>SSCI 1T**</td>
</tr>
<tr>
<td>POL 111</td>
<td>American Gov’t</td>
<td>POL S 215</td>
</tr>
<tr>
<td>POL 121</td>
<td>Int’l Relations</td>
<td>POL S 251</td>
</tr>
<tr>
<td>PSY 111</td>
<td>Intro Psychology</td>
<td>PSYCH 101</td>
</tr>
<tr>
<td>PSY 241</td>
<td>Abnormal Psych</td>
<td>PSYCH 2T**</td>
</tr>
<tr>
<td>PSY 251</td>
<td>Social Psychology</td>
<td>PSYCH 280</td>
</tr>
<tr>
<td>SOC 110</td>
<td>Intro Sociology</td>
<td>SOC 134</td>
</tr>
<tr>
<td>SOC 115</td>
<td>Social Problems</td>
<td>SOC 235</td>
</tr>
<tr>
<td>SOC 240</td>
<td>Criminology</td>
<td>SOC 2T**</td>
</tr>
</tbody>
</table>