Biotechnology—Science Option
Department of Life, Earth and Environmental Sciences
ANS 348A 651-2570

CORE CURRICULUM COURSES: 31-33 HOURS ♦ Number of hours does not include specific core requirements listed below.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>HRS</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGL 1301 (ENG 101)</td>
<td>Introduction to Literature</td>
<td>6</td>
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<tr>
<td>COMM 1301</td>
<td>Communication</td>
<td>3</td>
</tr>
<tr>
<td>MATH 2413*</td>
<td>Calculus I</td>
<td>4</td>
</tr>
<tr>
<td>BIOL 1407*, 1407L</td>
<td>Basic &amp; Contemporary Biology I</td>
<td>4</td>
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<tr>
<td>CHEM 1406, 1406L</td>
<td>General Chemistry I</td>
<td>4</td>
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UNIVERSITY CORE REQUIREMENTS: 12 HOURS

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>ENGL 1301</td>
<td>Introduction to Literature</td>
<td>3</td>
</tr>
<tr>
<td>HUMA 1315 (FA 101)</td>
<td>American Film</td>
<td>3</td>
</tr>
<tr>
<td>ANTH 2317</td>
<td>Anthropology</td>
<td>3</td>
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<tr>
<td>POSC 2305</td>
<td>Introduction to Political Science</td>
<td>3</td>
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<tr>
<td>ANSC 2370 (NEW); IDM 1105, 1301 (CIS 1301), 1315 (CIS 1315); 2345; IDS 2303 (203)</td>
<td>Information Technology</td>
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</tbody>
</table>

BIOTECHNOLOGY—SCIENCE OPTION MAJOR REQUIREMENTS: 89 HOURS

A grade of "C" or better must be earned in all courses required for major.

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>HRS</th>
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<tbody>
<tr>
<td>BIOL 3402*, 3402L</td>
<td>Cell Biology</td>
<td>3</td>
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<tr>
<td>BIOL 3430*</td>
<td>Molecular Genetics</td>
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<tr>
<td>BIOL 3440</td>
<td>General Microbiology</td>
<td>3</td>
</tr>
<tr>
<td>BIOL 3451, 3451L</td>
<td>General Microbiology</td>
<td>3</td>
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<tr>
<td>CHEM 1411*, 1411L</td>
<td>General Chemistry I</td>
<td>4</td>
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<tr>
<td>CHEM 1412*, 1412L</td>
<td>General Chemistry II</td>
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<tr>
<td>CHEM 2523*, 2523L</td>
<td>Organic Chemistry I</td>
<td>5</td>
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<tr>
<td>BIOL 3511/3512L</td>
<td>Basic &amp; Contemporary Biology II</td>
<td>4</td>
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</table>

ELECTIVES: 1-9 HOURS BY ADVISEMENT—SEE NOTE

ELECTIVES (ADVANCED)

ELECTIVES (ANY LEVEL)

TOTAL HOURS REQUIRED TO COMPLETE DEGREE: 120

Note: This is NOT a degree plan. Before completion of 60 hours, students are allowed and encouraged to request an official degree plan in the office of the dean of the College of Agriculture, Science and Engineering, located the Agriculture and Natural Sciences Building, Room 106 (or call 651-2585). After completing 60 hours, students will not be allowed to progress without requesting a degree plan.