# Biology Major Check Sheet

## Secondary Certification

**2012-2013**

---

### Student Name:

---

#### Professional Studies (38 hrs)

<table>
<thead>
<tr>
<th>Completed</th>
<th>Hrs</th>
<th>Course</th>
<th>Term Planned</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Education (38 hrs)

<table>
<thead>
<tr>
<th>Completed</th>
<th>Hrs</th>
<th>Course</th>
<th>Term Planned</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- 3 EDUC101 – Foundations of Education
- 3 EDUC202 – Education of Exceptional Children & Youth
- 3 EDUC235 – Human Growth, Development, & Learning
- 1 EDUC316 – Secondary Biology Methods
- 2 EDUC321 – General Secondary Methods
- 3 EDUC335 – Practicum in P-12 or Secondary Education
- 3 EDUC339 – Reading in the Content Area
- 2 EDUC340 – Classroom Management for Teachers
- 3 EDUC342 – Educational Technology
- 3 EDUC343 – Assessment in Education
- 12 EDUC497 – Internship in Secondary Education

#### Teaching Field (50-51 hrs)

<table>
<thead>
<tr>
<th>Completed</th>
<th>Hrs</th>
<th>Course</th>
<th>Term Planned</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

#### Biology (24 hrs)

<table>
<thead>
<tr>
<th>Completed</th>
<th>Hrs</th>
<th>Course</th>
<th>Term Planned</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- 3 BIOL101* – Principles of Biology
- 1 BIOL103 – Principles of Biology Lab
- 4 BIOL202 – General Biology – Zoology
- 4 BIOL227 – General Biology – Botany
- 4 BIOL231 – Genetics
- 4 BIOL322 – Cell Biology
- 4 BIOL336 – Ecology

#### Electives in Biology (12 hrs)

<table>
<thead>
<tr>
<th>Completed</th>
<th>Hrs</th>
<th>Course</th>
<th>Term Planned</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

*At least 11 elective credits must be at the 300 or 400 level, for a total of 19 credit hours in Biology at the 300 or 400 level.*

---

#### Mathematics (3 hrs)

<table>
<thead>
<tr>
<th>Completed</th>
<th>Hrs</th>
<th>Course</th>
<th>Term Planned</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- 3 MATH175 – Mathematical Concepts for the Natural and Social Sciences

#### Mathematics (3-4 hrs)

<table>
<thead>
<tr>
<th>Completed</th>
<th>Hrs</th>
<th>Course</th>
<th>Term Planned</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

- 3 MATH155 – Precalculus Mathematics
- 4 MATH251* – Calculus I

---

Note: A grade of "C" or higher in all courses listed is required.

* Course satisfies a core requirement.

A minimum of 120 hours is required for graduation. All students should review the College catalog for a list of degree requirements and current College policies. The 2012-2013 Catalog supersedes this check sheet.

---