# Bachelor of Arts
## BIOLOGY

**Advisement Form 2013-2014**

Name ___________________________________________ ID ______________________________________

<table>
<thead>
<tr>
<th>Lower Division Major Requirements (8 units)</th>
<th>Un.</th>
<th>Instit.</th>
<th>Course</th>
<th>Units</th>
<th>Grade</th>
<th>Term</th>
<th>Prerequisites, GE and Comments</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 201 Principles of Cell and Molecular Biology</td>
<td>4</td>
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<td>Prereq: CHEM 105 or 121; GE: B2</td>
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</tbody>
</table>

**Required Supporting Courses (11-12 units)**

<table>
<thead>
<tr>
<th>Chemistry (8 units)</th>
<th>Un.</th>
<th>Instit.</th>
<th>Course</th>
<th>Units</th>
<th>Grade</th>
<th>Term</th>
<th>Prerequisites, GE and Comments</th>
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</thead>
<tbody>
<tr>
<td>CHEM 121 General Chemistry I</td>
<td>4</td>
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<td>Prereq: CHEM 105 or passing score on Chemistry Placement Exam; GE: B1</td>
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<tr>
<td>CHEM 122 General Chemistry II</td>
<td>4</td>
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<td>Prereq: CHEM 121 with a C or better; GE: B1</td>
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</tbody>
</table>

**Mathematics and Statistics (3-4 units) Select one of the following:**

<table>
<thead>
<tr>
<th></th>
<th>Un.</th>
<th>Instit.</th>
<th>Course</th>
<th>Units</th>
<th>Grade</th>
<th>Term</th>
<th>Prerequisites, GE and Comments</th>
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<tbody>
<tr>
<td>BIOL 203 Quantitative Methods for Biology</td>
<td>3</td>
<td></td>
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<td>Prereq: A passing score on ELM or MATH 105 or equivalent; GE: B3 or B4</td>
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<tr>
<td>MATH 105 Pre-Calculus</td>
<td>4</td>
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<td>Prereq: A passing score on the ELM; GE: B3</td>
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<tr>
<td>MATH 150 Calculus I</td>
<td>4</td>
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<td>Prereq: A passing score on the Calculus Placement Exam or MATH 105; GE: B3</td>
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</tbody>
</table>

**Upper Division Requirements in the Major (36 units)**

<table>
<thead>
<tr>
<th>Required Biology Courses (14 Units)</th>
<th>Un.</th>
<th>Instit.</th>
<th>Course</th>
<th>Units</th>
<th>Grade</th>
<th>Term</th>
<th>Prerequisites, GE and Comments</th>
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<tbody>
<tr>
<td>BIOL 300 Cell Biology</td>
<td>4</td>
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<td>Prereq: BIOL 201 with a C or better &amp; CHEM 122</td>
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<tr>
<td>BIOL 302 Genetics</td>
<td>4</td>
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<td>Prereq: BIOL 201 with a C or better &amp; CHEM 122</td>
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<tr>
<td>BIOL 303 Evolutionary Biology</td>
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<td>Prereq: BIOL 200 &amp; 201</td>
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<td>BIOL 499 Senior Capstone in Biology</td>
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<td>Prereq: Consent of Instructor</td>
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**Electives in Biology (22 units) Select a minimum of 22 units of biology courses from 300 and 400 levels, two of which must be lab courses. (refer to the online catalog for a complete list of electives)**

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### Additional University Graduation Requirements

9 Units Upper Division Interdisciplinary GE (UDIGE) at CSUCI (courses numbered 330-349 or 430-449)  
* **C or better grade requirement.** Upper division standing or instructor consent required for these courses

<table>
<thead>
<tr>
<th>Course 1</th>
<th>Course 2</th>
<th>Course 3</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOL 335, 345, 431, 432, 435 or 434</td>
<td>(outside major)</td>
<td>(outside major)</td>
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</table>

**American Institutions Requirements:**  
- **US History** (choose from HIST 270, 271, 272, 275 or 350)  
- **State and Local Gov’t** (choose POLS 150)

**Students must receive a grade of C or better in the Language and Multicultural Requirements**

**Language Requirement:** GE C3a  
- (one semester of college level language)

**Multicultural Requirement:** GE C3b

**Minimum total units to graduate: 120 of which 40 must be upper division. See catalog for a complete list of graduation requirements.**