# BIO 2: Introduction to Molecular Biology

<table>
<thead>
<tr>
<th>Course Title</th>
<th>Introduction to Molecular Biology</th>
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<tbody>
<tr>
<td>Abbreviated Course Title</td>
<td>Introduction to Molecular Biology</td>
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<tr>
<td>Course Subject</td>
<td>BIO</td>
</tr>
<tr>
<td>Course Number</td>
<td>2</td>
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<tr>
<td>School Submitting Request</td>
<td>Natural Sciences</td>
</tr>
<tr>
<td>Division</td>
<td>Lower Division</td>
</tr>
<tr>
<td>Effective Term</td>
<td>Fall 2009</td>
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<tr>
<td>Discontinuance Term</td>
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<tr>
<td>Lower Unit Limit</td>
<td>4</td>
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<td>Upper Unit Limit</td>
<td></td>
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<td>Prerequisites</td>
<td>BIO 1</td>
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**Prerequisites with a Concurrent Option**
- Corequisites

**Major Restrictions**

**Class Level Restrictions**

**Course Description**
Introduction to the molecules and molecular processes underlying life. Overview of structures and chemical properties of biological macromolecules.

**TIE Code**
New Title

**Reasons for Request**
New Description
Pre-requisite Change
The BIO faculty proposes to use this class to replace BIO100, which will now become an advanced molecular biology course. In addition, a lab portion of BIO 2 will be developed to encompass one full credit (which will be proposed as a separate BIO 2L course.)

**Brief Explanation of Change(s)**
- Lecture: 3 contact, 6 non-contact
- Lab: 0 contact, 0 non-contact
- Seminar: 0 contact, 0 non-contact
- Discussion: 1 contact, 2 non-contact
- Tutorial: 0 contact, 0 non-contact
- Field: 0 contact, 0 non-contact
- Studio: 0 contact, 0 non-contact

**Total Contact/Non-contact Hours Per Week**

**Total Hours Per Week**
12

**Grading Options**
Letter Grade Only

**In Progress Grading**

**Maximum Enrollment**
300

**Maximum Enrollment Reason**
----
Cross-listing
Conjoined

Cross-listed Schools ----
Can this course be repeated? No
How many times?

Resource Requirements

TA's to lead discussion sections of 25 students each; 1 TA for every 2 discussion sections. IT support will be needed in setting up and maintaining a course WWW portal; IT support will be needed in making some interactive course materials available on the WWW. *Separate TA's will be required for BIO2 and BIO2L.

Does this satisfy a General Education Requirement? No
Course Outline and/or Additional Documentation BIO2.pdf (238Kb)