MOLECULAR AND CELLULAR BIOLOGY

http://mcb.illinois.edu/undergrad/

For the Degree of Bachelor of Science in Liberal Arts and Sciences
Major in Molecular and Cellular Biology
E-mail address: undergrad@mcb.illinois.edu

Minimum required courses: 67-71 hours, including 21 hours of 300- or 400-level courses; 12 hours of 300- and 400-level courses in the major must be taken on this campus.

General Education requirements: Students must complete the Campus General Education (https://courses.illinois.edu) requirements including the campus general education language requirement.

Certain advanced courses may be taken prior to completion of the MCB 250-MCB 253, MCB 354 sequence with permission of an academic advisor. A minimum of 15 hours of 300- or 400-level courses in MCB from the approved list is required.

In addition, undergraduate research (MCB 290, MCB 291 or departmental equivalent) is strongly recommended for students planning to go to graduate school. No more than 10 hours of MCB 290, MCB 291 or departmental equivalent credit may be counted towards the 120 hours required for a degree in MCB.

Minimum hours required for graduation: 120 hours.

Students earning a degree in Molecular and Cellular Biology may not also earn a second degree in the Specialized Curriculum in Biochemistry.

Students earning a degree in Molecular and Cellular Biology may not double major in Integrative Biology.

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>MATH 220</td>
<td>Calculus</td>
<td>4-5</td>
</tr>
<tr>
<td>or MATH 222 Calculus I</td>
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<tr>
<td>MATH 231</td>
<td>Calculus II</td>
<td>3</td>
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<tr>
<td>or STAT 211 Biostatistics</td>
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<tr>
<td>Select one group of courses:</td>
<td>8-10</td>
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<tr>
<td>CHEM 102</td>
<td>General Chemistry I</td>
<td></td>
</tr>
<tr>
<td>&amp; CHEM 10:and General Chemistry Lab I</td>
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<tr>
<td>&amp; CHEM 10:and General Chemistry II</td>
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<td></td>
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<tr>
<td>&amp; CHEM 10:and General Chemistry Lab II</td>
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<tr>
<td>CHEM 202</td>
<td>Accelerated Chemistry I</td>
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<tr>
<td>&amp; CHEM 203 and Accelerated Chemistry Lab I</td>
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<tr>
<td>&amp; CHEM 204 and Accelerated Chemistry II</td>
<td></td>
<td></td>
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<tr>
<td>&amp; CHEM 203 and Accelerated Chemistry Lab II</td>
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<td></td>
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<tr>
<td>CHEM 232</td>
<td>Elementary Organic Chemistry I</td>
<td>4</td>
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<tr>
<td>CHEM 233</td>
<td>Elementary Organic Chem Lab I</td>
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<td>Select one group of courses:</td>
<td>10-12</td>
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<tr>
<td>PHYS 101</td>
<td>College Physics: Mech &amp; Heat</td>
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<td>&amp; PHYS 102 and College Physics: E&amp;M &amp; Modern</td>
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