BIOLOGY: BIOLOGY TEACHER EDUCATION, BSLAS

for the degree of Bachelor of Science in Liberal Arts and Sciences
Major in Biology: Biology Teaching, BSLAS

department website: department faculty:
overview of college admissions & requirements: Liberal Arts &
Sciences (http://catalog.illinois.edu/has)
college website: https://las.illinois.edu/
email: advising@life.uiuc.edu

Departmental Distinction: To graduate with distinction, the student
must have at least a 3.5 grade point average for all work completed,
and present evidence of exemplary student teaching.

To remain in good standing in this program and be recommended for
certification, candidates are required to maintain UIUC, cumulative,
content area, and professional education grade-point averages of 2.5 (A=
4.0). Candidates should consult their advisor or the Council on Teacher
Education (http://catalog.illinois.edu/undergraduate/cte) for the list of
courses used to compute these grade-point averages.

Students in this major must complete the Teacher Education Minor
in Secondary School Teaching (39 hours).
Minimum required courses: normally equate to 79-82 hours in the
major and 39 hours for the Teacher Education Minor in Secondary
School Teaching. Twelve hours of 300- and 400-level courses in the
major must be taken on this campus.

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

Teacher Education Minor in Secondary School Teaching
Hours:
IB 150 Organismal & Evolutionary Biol 4
MCB 150 Molec & Cellular Basis of Life 4
IB 202 Physiology 2 4
IB 203 Ecology 4
IB 204 Genetics 4
IB 302 Evolution 4
MCB 250 Molecular Genetics 3
MCB 251 Exp Techniqs in Molecular Biol 2
MCB 252 Cells, Tissues & Development 3
MCB 253 Exp Techniqs in Cellular Biol 2
PHYS 101 College Physics: Mech & Heat 5
PHYS 102 College Physics: E&M & Modern 5
GEOL 107 Physical Geology 4
ASTR 100 Introduction to Astronomy 3
or ASTR 210Introduction to Astrophysics

Select one of the following:
EPSY 480 Educational Statistics 3-4
STAT 212 Biostatistics

Additional 300- and 400-level courses selected from IB and/or
MCB in consultation with the advisor.
Total hours required for graduation 120

1 Students should speak with an advisor to help choose the appropriate
section of CHEM 232 and CHEM 233.
2 IB 202 requires animal dissection and no equivalent alternative is
available.

Teacher Education Minor in Secondary School Teaching
Requirements for the Teacher Education in Secondary School
Teaching Minor

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>MCB 250</td>
<td>Molecular Genetics</td>
<td>3</td>
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<tr>
<td>MCB 251</td>
<td>Exp Techniqs in Molecular Biol</td>
<td>2</td>
</tr>
<tr>
<td>MCB 252</td>
<td>Cells, Tissues &amp; Development</td>
<td>3</td>
</tr>
<tr>
<td>MCB 253</td>
<td>Exp Techniqs in Cellular Biol</td>
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<td>PHYS 101</td>
<td>College Physics: Mech &amp; Heat</td>
<td>5</td>
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<tr>
<td>PHYS 102</td>
<td>College Physics: E&amp;M &amp; Modern</td>
<td>5</td>
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<tr>
<td>GEOL 107</td>
<td>Physical Geology</td>
<td>4</td>
</tr>
<tr>
<td>ASTR 100</td>
<td>Introduction to Astronomy</td>
<td>3</td>
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<tr>
<td>or ASTR 210</td>
<td>Introduction to Astrophysics</td>
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Select one of the following:

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>EPSY 480</td>
<td>Educational Statistics</td>
<td>3-4</td>
</tr>
<tr>
<td>STAT 212</td>
<td>Biostatistics</td>
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Additional Required Coursework

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>MATH 220</td>
<td>Calculus (Biocalculus section recommended)</td>
<td>4-5</td>
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<tr>
<td>or MATH 222</td>
<td>Calculus I</td>
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<tr>
<td>CHEM 102</td>
<td>General Chemistry I</td>
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<tr>
<td>CHEM 103</td>
<td>General Chemistry Lab I</td>
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<tr>
<td>CHEM 104</td>
<td>General Chemistry II</td>
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<tr>
<td>CHEM 105</td>
<td>General Chemistry Lab II</td>
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<td>CHEM 232</td>
<td>Elementary Organic Chemistry I</td>
<td>3-4</td>
</tr>
<tr>
<td>CHEM 233</td>
<td>Elementary Organic Chem Lab I</td>
<td>2</td>
</tr>
</tbody>
</table>

One required 200-level IB course selected from required
courses below.
One required 200-level MCB course (and its lab course)
selected from required courses below.

1 Educ 201, Educ 202 and EPSY 201 can be completed at any time
during the degree and are not pre-requisites to apply for the minor.
2 PSYC 100 is a pre-requisite for EPSY 201.