CROP SCIENCES: BIOLOGICAL SCIENCES, BS

for the degree of Bachelor of Science Major in Crop Science, Biological Sciences Concentration

department website: https://cropsciences.illinois.edu/dept
department faculty: https://cropsciences.illinois.edu/people/faculty
overview of college admissions & requirements: Agricultural, Consumer & Environmental Sciences (http://catalog.illinois.edu/schools/aces/academic-units/#text)
college website: https://aces.illinois.edu/

The biological sciences concentration is designed for students who plan to enter a graduate study program or who want professional positions that require more science than in included in the other concentrations. Students follow a first-year program of General Education courses similar to students in other Crop Sciences concentrations. Programs for the second, third, and fourth years are planned in consultation with the student’s faculty advisor, in the area of biological sciences. Students and advisors are encouraged to consult individual graduate schools for the specific entrance requirements. Although flexibility in individual course selection is a characteristic of this concentration, graduation requirements are established by selection of elective courses.

Prescribed Courses including Campus General Education

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>RHET 105</td>
<td>Writing and Research</td>
<td>4</td>
</tr>
<tr>
<td>or equivalent - see College Composition I requirement (3 or 4)</td>
<td></td>
<td></td>
</tr>
<tr>
<td>CMN 101</td>
<td>Public Speaking</td>
<td>3</td>
</tr>
<tr>
<td>Select from campus approved list.</td>
<td>3-4</td>
<td></td>
</tr>
</tbody>
</table>

Cultural Studies

Select one course from Western culture, one from non-Western culture, and one from U.S. minority culture from campus approved lists.

Foreign Language

Coursework at or above the third level is required for graduation.

Quantitative Reasoning I

Select one of the following: 4-5

- MATH 220 Calculus
- MATH 221 Calculus I
- MATH 234 Calculus for Business I

Quantitative Reasoning II

CPSC 241 Intro to Applied Statistics 3

Natural Sciences and Technology

See Specific Concentration Requirements

Humanities and the Arts

Select from campus approved list 6

Social and Behavioral Sciences

ACE 100 Introduction to Applied Microeconomics 1 3-4

or ECON 102 Microeconomic Principles

Select from campus approved list. 3-4

ACES required

ACES 101 Contemporary Issues in ACES 2

Required Concentration 58-79

Concentration prescribed courses. See specific concentration requirements.

Total Hours 126

1. ACE 100 or ECON 102 are not required for the Biological Sciences Concentration.

Information listed in this catalog is current as of 06/2021
<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
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</thead>
<tbody>
<tr>
<td>MCB 100</td>
<td>Introductory Microbiology</td>
</tr>
<tr>
<td>&amp; MCB 101</td>
<td>and Intro Microbiology Laboratory</td>
</tr>
<tr>
<td>MCB 450</td>
<td>Introductory Biochemistry</td>
</tr>
</tbody>
</table>

Natural Science Electives 6-9

Total ACES prescribed and elective courses must total 35 hours, of which 20 hours must be completed in residence. 35