AGRONOMY, BS

for the degree of Bachelor of Science Major in Agronomy

department website: https://cropsciences.illinois.edu/
department faculty: https://cropsciences.illinois.edu/people/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/

Agronomy is the fundamental agricultural science: managing multiple parts of agricultural systems to sustainability and economically meet the growing need for food, fuel and fiber. The agronomy major provides a foundation that by necessity integrates the science and practice of agricultural production through courses in plant biology, genetics, weed and pest management, soil science, environmental quality, and agricultural management practices. The program also offers many opportunities to participate in research and internships. This curriculum prepares students for careers in agricultural sciences as well as for entrance into graduate and professional schools. Our students pursue employment in scientific research or fields related to agronomy including crop consulting, soil and crop management, international food security and agricultural development, and science policy.

for the degree of Bachelor of Science Major in Agronomy

General Education Requirements

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>RHET</td>
<td>Writing and Research</td>
<td>6 to 7</td>
</tr>
<tr>
<td>CMN</td>
<td>Public Speaking</td>
<td></td>
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<td></td>
<td>OR</td>
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<tr>
<td>CMN 111</td>
<td>Oral &amp; Written Comm I</td>
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<tr>
<td>CMN 112</td>
<td>and Oral &amp; Written Comm II</td>
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Composition I and Speech

Advanced Composition

3 to 4

Cultural Studies

9

Western/Comparative Cultures

Non-Western Cultures

US Minority Cultures

Foreign Language

Third Level or Above

Quantitative Reasoning I

4 to 5

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

Quantitative Reasoning II

3

CPSC 241 Intro to Applied Statistics

Natural Sciences and Technology

8

CHEM 102 General Chemistry I
& CHEM 103 and General Chemistry Lab I

CHEM 104 General Chemistry II
& CHEM 105 and General Chemistry Lab II

Humanities and the Arts

6

Social and Behavioral Sciences

7 to 8

ACE 100 Introduction to Applied Microeconomics

Total Hours for Gen Ed Requirements

46-50

<table>
<thead>
<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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</thead>
<tbody>
<tr>
<td>ACES</td>
<td>Contemporary Issues in ACES</td>
<td>0-2</td>
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<tr>
<td></td>
<td>or ACES 200 ACES Transfer Orientation</td>
<td></td>
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</tbody>
</table>

Major Requirements

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<tr>
<th>Code</th>
<th>Title</th>
<th>Hours</th>
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<tbody>
<tr>
<td>IB 103</td>
<td>Introduction to Plant Biology</td>
<td>4</td>
</tr>
<tr>
<td>IB 150</td>
<td>Organismal &amp; Evolutionary Biol</td>
<td>4</td>
</tr>
<tr>
<td>NRES 201</td>
<td>Introductory Soils</td>
<td>4</td>
</tr>
</tbody>
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Crop Sciences Core Requirements

13-14

CPSC 102 Foundation Skills in Crop Sciences

CPSC 112 Introduction to Crop Sciences

CPSC 212 Introduction to Plant Protection

Internship or Research/Thesis (choose one):

2-3

CPSC 393 Crop Sciences Internship
or HORT 393 Horticulture Internship

CPSC 395 Undergrad Research or Thesis
or HORT 395 Undergrad Research or Thesis
or PLPA 395 Undergrad Research or Thesis

CPSC 498 Crop Sci Professional Development

Agronomy Requirements

14

CPSC 336 Tomorrow’s Environment

CPSC 352 Plant Genetics

CPSC 382 Organic Chem of Biol Processes

CPSC 418 Crop Growth and Management

Major Electives

15

Choose from any 300- or 400- level CPSC, HORT, or PLPA courses, excluding: CPSC 393, HORT 393, CPSC 395, HORT 395 & PLPA 395.

Total Hours

126

Information listed in this catalog is current as of 11/2021