## Crop Science Option

### Freshman Year

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOC 170IN</td>
<td>Principles of Biological Diversity</td>
<td>4</td>
</tr>
<tr>
<td>BIOC 160</td>
<td>Principles of Living Systems</td>
<td>4</td>
</tr>
<tr>
<td>CHMY 121IN</td>
<td>Introduction to General Chemistry</td>
<td>4</td>
</tr>
<tr>
<td>CHMY 123</td>
<td>Introduction to Organic Chemistry and Biochemistry</td>
<td>4</td>
</tr>
<tr>
<td>WRIT 101W</td>
<td>College Writing I</td>
<td>3</td>
</tr>
<tr>
<td>M 121Q</td>
<td>College Algebra</td>
<td>3</td>
</tr>
</tbody>
</table>

**University Core and Electives**

8 credits

**Year Total:**

30 credits

### Sophomore Year

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>ECNS 101IS</td>
<td>Economic Way of Thinking</td>
<td>3</td>
</tr>
<tr>
<td>BIOC 262IN</td>
<td>Introduction to Entomology</td>
<td>3</td>
</tr>
<tr>
<td>ENSC 245IN</td>
<td>Soils</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following:

- BIOC 110CS - Introduction to Plant Biology
- BIOC 220 - General Botany

**Select one of the following:**

- BMGT 205 - Prof Business Communication
- WRIT 201 - College Writing II
- WRIT 221 - Intermediate Tech Writing

Set one of the following:

- BIOC 318 - Biometry
- STAT 216Q - Introduction to Statistics

**University Core and Electives**

6 credits

**Year Total:**

24 credits

### Junior Year

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGSC 341</td>
<td>Field Crop Production</td>
<td>3</td>
</tr>
<tr>
<td>AGSC 356</td>
<td>Plant Nutrition and Soil Fertility Management</td>
<td>3</td>
</tr>
<tr>
<td>ENSC 443</td>
<td>Weed Ecology and Management</td>
<td>3</td>
</tr>
<tr>
<td>BIOM 421</td>
<td>Concepts of Plant Pathology</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following:

- BIOC 375 - General Genetics
- BIOC 377 - Practical Genetics

Select three of the following:

- ACTG 201 - Principles of Financial Acct
- ACTG 220 - Survey of Accounting
- AGBE 210IS - Economics of Ag Business
- AGBE 321 - Economics of Ag Marketing
- AGBE 337 - Agricultural Law
- AGBE 341 - Farm and Ranch Management
- AGBE 345 - Ag Finance and Credit Analysis
- AGBE 353 - Co-operative Business Principles and Practice
- BGEN 242D - Intro to Int'l Business
- BFIN 322 - Business Finance
- BMGT 335 - Management and Organization
- BMKT 241 - Sales
- BMKT 325 - Principles of Marketing
- ECNS 204IS - Microeconomics

**University Core and Electives**

9 credits

**Year Total:**

30 credits

### Senior Year

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Name</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGSC 428</td>
<td>Cropping Systems and Sustainable Agriculture</td>
<td>3</td>
</tr>
<tr>
<td>BIOO 433</td>
<td>Plant Physiology</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following:

- AGSC 441 - Plant Breeding & Genetics
- BIOC 430 - Plant Biotechnology

Select three of the following:

- AGED 312R - Communicating Agriculture
- AGED 315 - Electrical and Power Systems Operation
- AGED 333 - Construction Technology
- AGSC 342 - Forages
- AGSC 401 - Integrated Pest Management
- AGSC 454 - Agroecology
- ANSC 202 - Livestock Feeding
- ANSC 215 - Calving Management
- ANSC 222 - Livestock in Sustain Systems
- ANSC 421 - Assisted Reproduction Technologies w/ Lab
- BIOE 370 - General Ecology (equiv to 270)
- ENSC 454 - Landscape Pedology
- ERTH 303 - Weather and Climate
- GPHY 284 - Intro to GIS Science & Cartog
- HORT 310 - Turfgrass Management
- HORT 337 - Vegetable Production

**University Core and Electives**

9 credits

**Year Total:**

24 credits

**Total Program Credits:**

120 credits

A minimum of 120 credits is required for graduation; 42 of these credits must be in courses numbered 300 and above.