# Crop Science Option

## Freshman Year

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>BIOB 170IN</td>
<td>Principles of Biological Diversity</td>
<td>4</td>
</tr>
<tr>
<td>BIOB 160</td>
<td>Principles of Living Systems</td>
<td>4</td>
</tr>
<tr>
<td>CHMY 121IN</td>
<td>Introduction to General Chemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHMY 122IN</td>
<td>Introduction to General Chemistry Lab</td>
<td></td>
</tr>
<tr>
<td>CHMY 123</td>
<td>Introduction to Organic Chemistry and Biochemistry</td>
<td>3</td>
</tr>
<tr>
<td>CHMY 124</td>
<td>Introduction to Organic and Biochemistry Lab</td>
<td></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>
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</tbody>
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**University Core and Electives** 8 credits

**Year Total:** 28 credits

## Sophomore Year

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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</thead>
<tbody>
<tr>
<td>ECNS 101IS</td>
<td>Economic Way of Thinking</td>
<td>3</td>
</tr>
<tr>
<td>BIOO 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:** 3 credits

- BIOB 110CS - Introduction to Plant Biology
- BIOO 220 - General Botany

**Select one of the following:** 3 credits

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

**Select one of the following:** 3 credits

- BIOB 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 Title</th>
<th>Credits</th>
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</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>
</tbody>
</table>

**Select one of the following:** 3 credits

- BIOM 421 - Concepts of Plant Pathology
- AGSC 450 - Plant Disease Control

**Select one of the following:** 3 credits

- BIOB 375 - General Genetics
- BIOB 377 - Practical Genetics

**Select three of the following:** 9 credits

- 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

**University Core and Electives** 6 credits

**Year Total:** 30 credits

## Senior Year

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>AGCS 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:** 3 credits

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

**Select three of the following:** 6 credits

- 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 - Agrostology
- AGBE 202 - Livestock Feeding
- AGBE 215 - Calving Management
- AGBE 222 - Livestock in Sustain Systems
- AGBE 421 - Assisted Reproduction Technologies w/ Lab
- BIOE 370 - General Ecology
- ENSC 454 - Landscape Pedology
- BMGT 335 - Vegetable Production

**University Core and Electives** 9 credits

**Year Total:** 24 credits

**Total Program Credits:** 120

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