# 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>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>
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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>
<tr>
<td>BIOM 421</td>
<td>Concepts of Plant Pathology</td>
<td>3</td>
</tr>
</tbody>
</table>

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
- BGED 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**: 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>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: 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
- 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.
Font Notice

This document should contain certain fonts with restrictive licenses. For this draft, substitutions were made using less legally restrictive fonts. Specifically:

Times was used instead of Adobe Garamond Pro.

The editor may contact Leepfrog for a draft with the correct fonts in place.