The concentration in crop agribusiness is designed for students wanting to combine agronomic production and business management. This concentration prepares students for careers in production and marketing, cropping systems management, and a broad range of multi-functional agricultural enterprises, or for entrance into graduate school.

### Natural Sciences and Technology

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
</tr>
</thead>
<tbody>
<tr>
<td>CHEM 102</td>
<td>General Chemistry I</td>
<td>4</td>
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<tr>
<td>&amp; CHEM 103</td>
<td>and General Chemistry Lab I</td>
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<tr>
<td>CHEM 104</td>
<td>General Chemistry II</td>
<td>4</td>
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<tr>
<td>&amp; CHEM 105</td>
<td>and General Chemistry Lab II</td>
<td></td>
</tr>
<tr>
<td>IB 103</td>
<td>Introduction to Plant Biology</td>
<td>4</td>
</tr>
</tbody>
</table>

Select one of the following: 3-5

- MCB 100 Introductory Microbiology
- & MCB 101 and Intro Microbiology Laboratory
- IB 104 Animal Biology

### Crop Agribusiness Concentration Required

<table>
<thead>
<tr>
<th>Course Code</th>
<th>Course Title</th>
<th>Credits</th>
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<tbody>
<tr>
<td>ACCY 200</td>
<td>Fundamentals of Accounting</td>
<td>3</td>
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<tr>
<td>or ACCY 201</td>
<td>Accounting and Accountancy I</td>
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<tr>
<td>CPSC 112</td>
<td>Introduction to Crop Sciences</td>
<td>4</td>
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<tr>
<td>CPSC 226</td>
<td>Introduction to Weed Science</td>
<td>3</td>
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<tr>
<td>CPSC 270</td>
<td>Applied Entomology</td>
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<tr>
<td>CPSC 498</td>
<td>Crop Sci Professional Develpmt</td>
<td>1</td>
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<tr>
<td>NRES 201</td>
<td>Introductory Soils</td>
<td>4</td>
</tr>
<tr>
<td>PLPA 204</td>
<td>Introductory Plant Pathology</td>
<td>3</td>
</tr>
</tbody>
</table>

Select one of the following: 3-4

- ANSC 100 Intro to Animal Sciences
- FSHN 101 Intro Food Science & Nutrition
- HORT 100 Introduction to Horticulture
- NRES 102 Introduction to NRES
- TSM 100 Technical Systems in Agr

Select 12 hours from the following: 12

- CPSC 352 Plant Genetics
- CPSC 412 Principles of Crop Advising
- CPSC 414 Forage Crops and Pasture Eco
- CPSC 415 Bioenergy Crops
- CPSC 418 Crop Growth and Management
- CPSC 426 Weed Mgt in Agronomic Crops
- CPSC 431 Plants and Global Change
- CPSC 437 Principles of Agroecology
- CPSC 453 Principles of Plant Breeding
- CPSC 473 Mgmt of Field Crop Insects
- HORT 341 Greenhouse Mgmt and Production
- HORT 360 Vegetable Crop Production
- HORT 361 Small Fruits and Viticulture
- HORT 362 Tree Fruit Production
- HORT 466 Growth and Dev of Hort Crops
- HORT 482 Plant Tissue Culture
- PLPA 405 Plant Disease Diagnosis & Mgmt
- PLPA 407 Diseases of Field Crops

Select one of the following: 2-3

- ACE 448 Rural Real Estate Appraisal
- NRES 474 Soil and Water Conservation
- NRES 488 Soil Fertility and Fertilizers

Select one of the following: 3

- ACE 222 Agricultural Marketing
- ACE 428 Commodity Futures and Options
- BADM 320 Principles of Marketing
- ACE 231 Food and Agribusiness Mgt
- or ACE 232 Management of Farm Enterprises
- ACE 345 Finan Decision Indiv Sm Bus

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