

# Crop Science Option

| <b>Freshman Year</b>   | <b>Credits</b> |
|--|----------------|
| BIOB 170IN - Principles of Biological Diversity  | 4              |
| BIOB 160 - Principles of Living Systems  | 4              |
| CHMY 121IN - Introduction to General Chemistry<br>& CHMY 122IN - Introduction to General Chemistry Lab                           | 3              |
| CHMY 123 - Introduction to Organic Chemistry and<br>Biochemistry<br>& CHMY 124 - Introduction to Organic and Biochemistry<br>Lab | 3              |
| WRIT 101W - College Writing I  | 3              |
| M 121Q - College Algebra   | 3              |
| University Core and Electives  | 8              |
| <b>Year Total:</b>   | <b>28</b>      |
| <b>Sophomore Year</b>  | <b>Credits</b> |
| ECNS 101IS - Economic Way of Thinking  | 3              |
| BIOO 262IN - Introduction to Entomology  | 3              |
| ENSC 245IN - Soils   | 3              |
| Select one of the following:   | 3              |
| BIOB 110CS - Plant Science   |                |
| BIOO 220 - General Botany  |                |
| Select one of the following:   | 3              |
| BMGT 205 - Prof Business Communication   |                |
| WRIT 201 - College Writing II  |                |
| WRIT 221 - Intermediate Tech Writing   |                |
| Select one of the following:   | 3              |
| BIOB 318 - Biometry  |                |
| STAT 216Q - Introduction to Statistics   |                |
| University Core and Electives  | 6              |
| <b>Year Total:</b>   | <b>24</b>      |
| <b>Junior Year</b>   | <b>Credits</b> |
| AGSC 341 - Field Crop Production   | 3              |
| AGSC 356 - Plant Nutrition and Soil Fertility Management   | 3              |
| ENSC 443 - Weed Ecology and Management   | 3              |
| Select one of the following:   | 3              |
| BIOM 421 - Concepts of Plant Pathology   |                |
| AGSC 450 - Plant Disease Control   |                |
| BIOB 375 - General Genetics  | 3              |
| Select three of the following:   | 9              |
| ACTG 201 - Principles of Financial Accounting  |                |
| AGBE 210IS - Economics of Ag Business  |                |
| AGBE 321 - Economics of Agricultural Marketing   |                |
| AGBE 337 - Agricultural Law  |                |
| AGBE 341 - Farm and Ranch Management   |                |
| AGBE 345 - Agriculture Finance and Credit Analysis   |                |
| AGBE 353 - Co-operative Business Principles and Practice   |                |
| BGEN 242D - Introduction to International Business   |                |
| BFIN 322 - Business Finance  |                |
| BMGT 335 - Management and Organization   |                |
| BMKT 325 - Principles of Marketing   |                |
| ECNS 202 - Principles of Macroeconomics  |                |
| ECNS 204IS - Microeconomics  |                |
| University Core and Electives  | 6              |

| <b>Year Total:</b>                                      | <b>30</b>      |
|---|----------------|
| <b>Senior Year</b>                                      | <b>Credits</b> |
| AGSC 428 - Cropping Systems and Sustainable Agriculture | 3              |
| Select one of the following:                            | 3              |
| BIOO 433 - Plant Physiology                             |                |
| BIOO 437 - Plant Development                            |                |
| BIOO 460 - Plant Metabolism                             |                |
| Select one of the following:                            | 3              |
| AGSC 441 - Plant Breeding & Genetics                    |                |
| BIOB 430 - Plant Biotechnology                          |                |
| Select three of the following:                          | 6              |
| 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 & Nutrition                |                |
| ANSC 215 - Calving Management                           |                |
| ANSC 222 - Livestock in Sustain Systems                 |                |
| ANSC 421 - Assisted Reproduction Technologies w/ Lab    |                |
| BIOE 370 - General Ecology                              |                |
| ENSC 454 - Landscape Pedology                           |                |
| GPHY 284 - Intro to GIS Science & Cartog                |                |
| HORT 337 - Vegetable Production                         |                |
| University Core and Electives                           | 9              |
| <b>Year Total:</b>                                      | <b>24</b>      |
| <b>Total Program Credits:</b>                           | <b>120</b>     |

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