# Crop Science Option

## Freshman Year
- **BIOB 170IN - Principles of Biological Diversity** 4 Credits
- **BIOB 160 - Principles of Living Systems** 4 Credits
- **CHMY 121IN - Introduction to General Chemistry** 3 Credits
- **CHMY 122IN - Introduction to General Chemistry Lab** 3 Credits
- **CHMY 123 - Introduction to Organic Chemistry and Biochemistry** 3 Credits
- **CHMY 124 - Introduction to Organic and Biochemistry Lab** 3 Credits
- **WRIT 101W - College Writing I** 3 Credits
- **M 121Q - College Algebra** 3 Credits
- University Core and Electives 8 Credits
- **Year Total:** 28 Credits

## Sophomore Year
- **ECNS 101IS - Economic Way of Thinking** 3 Credits
- **BIOO 262IN - Introduction to Entomology** 3 Credits
- **ENSC 245IN - Soils** 3 Credits
- 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
  - **BIO 318 - Biometry**
  - **STAT 216Q - Introduction to Statistics**
- University Core and Electives 6 Credits
- **Year Total:** 24 Credits

## Junior Year
- **AGSC 341 - Field Crop Production** 3 Credits
- **AGSC 356 - Plant Nutrition and Soil Fertility Management** 3 Credits
- **ENSC 443 - Weed Ecology and Management** 3 Credits
- 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**
- **Year Total:** 24 Credits

## Senior Year
- **AGSC 428 - Cropping Systems and Sustainable Agriculture** 3 Credits
- **BIOO 433 - Plant Physiology** 3 Credits
- 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**
  - **AGSC 202 - Livestock Feeding**
  - **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**
  - **ERTH 303 - Weather and Climate**
  - **GPHY 284 - Intro to GIS Science & Cartog**
  - **HORT 310 - Topics in Horticulture**
  - **HORT 337 - 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.