# 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** - Plant Science
  - **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
- **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
- **BIOB 375** - General Genetics: 3 credits
- Select three of the following: 9 credits
  - **ACTG 201** - Principles of Financial Accounting
  - **AGBE 2101** - 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 credits
- Year Total: 30 credits

## Senior Year
- **AGSC 428** - Cropping Systems and Sustainable Agriculture: 3 credits
- Select one of the following: 3 credits
  - **BIOO 433** - Plant Physiology
  - **BIOO 437** - Plant Development
  - **BIOO 460** - Plant Metabolism
- 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 & 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 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.