CROP SCIENCES, B.S., PLANT PROTECTION CONCENTRATION

The plant protection concentration provides a broad selection of courses in crops, soils, plant diseases, insects and weeds, and the physical sciences. Students learn how to protect plants from the effects of diseases, insects, and weeds. This concentration is designed to prepare students for careers in crop consulting, integrated pest management, and agribusiness management and merchandising, or for entrance into a graduate program.

### Code | Title | Hours
--- | --- | ---
**Natural Sciences and Technology**
CHEM 102  & CHEM 103  General Chemistry I  and General Chemistry Lab I  4
CHEM 104  & CHEM 105  General Chemistry II  and General Chemistry Lab II  4
CHEM 232  or CPSC 382: Elementary Organic Chemistry I  Organic Chem of Biol Processes  3-4
IB 103  Introduction to Plant Biology  4
**Select one of the following:**  4-5
  - MCB 100  Introductory Microbiology
  - MCB 101  and Intro Microbiology Laboratory
**Plant Protection Concentration Required**
CPSC 112  Introduction to Crop Sciences  4
CPSC 226  Introduction to Weed Science  3
CPSC 270  Applied Entomology  3
CPSC 352  Plant Genetics  3-4
  - or CPSC 484: Plant Physiology
CPSC 498  Crop Sci Professional Develpmt  1
NRES 201  Introductory Soils  4
NRES 488  Soil Fertility and Fertilizers  3
PLPA 204  Introductory Plant Pathology  3
**Select one of the following:**  3-4
  - ANSC 100  Intro to Animal Sciences
  - HORT 100  Introduction to Horticulture
  - FSHN 101  Intro Food Science & Nutrition
  - NRES 102  Introduction to NRES
  - TSM 100  Technical Systems in Agr
**Select one of the following:**  2-3
  - CPSC 418  Crop Growth and Management
  - HORT 361  Small Fruit Production
  - HORT 362  Tree Fruit Production
**Select 12 hours from the following:**  12
  - CPSC 426  Weed Mgt in Agronomic Crops
  - CPSC 431  Plants and Global Change
  - CPSC 473  Mgmt of Field Crop Insects
  - CPSC 475  Insect Pathology
  - IB 444  Insect Ecology
  - IB 468  Insect Classification and Evol

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