

# SOIL AND CROP SCIENCE

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## MISSION STATEMENT AND PURPOSE

Students majoring in soil and crop science will be prepared for careers as resourceful, ethically responsible and competent agronomists by combining their liberal arts education with professional coursework and practical experience.

## PROGRAM OBJECTIVES AND STUDENT LEARNING OUTCOMES

Students that complete the soil and crop science program are able to:

- Conceptualize, understand and apply chemical, physical, biological and agronomic sciences to address practical agronomic problems
- Apply scientific principles to gather, analyze and interpret agronomic data
- Effectively and accurately communicate agronomic information in written and oral forms
- Use and become familiar with new technologies in agronomy and related sciences
- Understand the professional, legal and ethical responsibilities associated with careers in agronomy

Soil and crop science is a 36-credit major. Students majoring in soil and crop science must complete a set of required courses along with either a 24-credit emphasis or a university minor. Emphasis areas associated directly with the soil and crop science major include agriculture hydrology and water quality; agronomy; comprehensive agriculture; international; plant breeding and biotechnology; and soil science.

The soil and crop science program supports the UW-Platteville mission of providing baccalaureate degree programs that meet regional needs. Students completing this program will be prepared to pursue careers in agronomy or to continue their education through advanced study. Our graduates have enjoyed job placements near 100 percent in careers that support agriculture, the leading state and regional industry.

## MAJOR

- Soil and Crop Science Major, B.S. (<https://catalog.uwplatt.edu/undergraduate/business-industry-life-science-agriculture/agriculture/soil-crop-science/bs/>)
  - Plant Breeding and Biotechnology Emphasis
  - Comprehensive Agriculture Emphasis
  - International Emphasis
  - Agricultural Hydrology and Water Quality Emphasis
  - Agronomy Emphasis
  - Soil Science Emphasis

## FOUR-YEAR PLAN

- Soil and Crop Science Major, B.S., Four-Year Plan (<https://catalog.uwplatt.edu/undergraduate/business-industry-life-science-agriculture/agriculture/soil-crop-science/bs/four-year-plan/>)