

# SCI 295PB : Introduction to STEM Research in Plant Biotechnology

SCI 295PB Introduction to STEM Research in Plant Biotechnology (1-4 credits) offers a research experience in application of the principles and techniques of plant biotechnology in agricultural production and plant conservation. A total of four credits are necessary to meet the capstone requirement for the Certificate in Plant Biotechnology. May be repeated up to 6 credits. (3 hours cooperative education/work experience per week per credit.)

**Credits** 1-4

## **Recommended Preparation**

Completion of a MICR, BOT or BIOL lab course as stipulated by the instructor.

## **Prerequisites**

Instructor Consent.

## **Course Outcomes**

- Use research and technology skills to access information from multiple sources
- Design and implement a plan to solve a specific STEM-based research project
- Collect, analyze, and interpret data generated by the selected research project
- Communicate conclusions in written and/or oral form