

# SCI 295EP : Introduction to STEM Research in Ethnobotanical Pharmacognosy

SCI 295EP Introduction to STEM Research in Ethnobotanical Pharmacognosy (1-4 credits) offers a research experience in study of Hawaiian medicinal plants for the health benefits, bioactive constituents, development of value added foods, and possible production of nutraceuticals. A total of four credits are necessary to meet the capstone requirement for the Certificate in Ethnopharmacognosy. May be repeated up to 6 credits. (3 hours cooperative education/work (COOP) 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