

# AG 264 : Plant Propagation

**Credits:** 3

**Class Hours:** 2 lecture and 2 lecture/lab

**Description:** This is an introductory course in the principles and practices of plant propagation. This course will focus on: (i) theoretical and applied aspects of sexual and asexual reproduction of plants and (ii) propagation of selected plants by seed, cuttings, grafting, layering, and micropropagation/tissue culture.

**Semester Offered:** Fall, Spring

**Course Student Learning Outcomes (CSLOs):**

1. Identify equipment, tools, and supplies necessary to propagate plants.
2. Describe the practices involved in sexual and asexual plant propagation.
3. Recommend the best methods of propagation of selected plants such as root, stem, and leaf cutting; layerage; divisions; grafting; budding; and by seeds.