

# Botany (BOT)

## **BOT 101: Botany**

An introductory course in plant biology. Topics to be covered are the structure and function of plant cells, tissues, and organs such as roots, stems, leaves, and flowers; concepts of biological evolution and classification; the diversity of plants and plant-like organisms; genetics; and ecology. Concurrent registration in BOT 101L highly recommended.

Credits: 3

Prerequisites: ENG 22 or ENG 24 with a grade of C or better or equivalent and completion of BOT 101L or concurrent enrollment

## **BOT 101L: General Botany Laboratory**

Laboratory observations, experiments and field trips illustrating the basic principles of plant biology.

Credits: 1

Prerequisites: BOT 101 with a grade of C or better or concurrent enrollment or equivalent and Placement in ENG 100

## **BOT 130: Plants in the Hawaiian Environment**

Companion course to BOT 130L Plants in the Hawaiian Environment Lab. The course will provide students with an understanding of the major concepts in the following plant biology disciplines: structures, functions and propagation of vascular plants, biotic and abiotic forces that have shaped the Hawaiian Islands and their impact on evolution, distribution and endangerment of Hawaiian flora. Additionally, it provides students with an understanding of Hawaiian flora by origin, development, composition, cultural and economic uses.

Credits: 3

Prerequisites: BOT 130L with a grade of C or better or concurrent enrollment and Placement in ENG 100

## **BOT 130L: Plants in the Hawaiian Environment Laboratory**

Companion laboratory to BOT 130 Plants in the Hawaiian Environment. The laboratory and field activities in BOT 130L provide students with an understanding of the major concepts in structures, functions and propagation of vascular plants, biotic and abiotic forces that have shaped the Hawaiian Islands and their impact on evolution, distribution and endangerment of Hawaiian flora. Additionally, it provides students with an understanding of Hawaiian flora by origin, development, composition, cultural and economic uses.

Credits: 1

Prerequisites: BOT 130 with a grade of C or better or concurrent enrollment and Placement in ENG 100