

BOTANY (BOT)

Credit Courses

BOT 100 Concepts of Botany (4 Units)

Hours: 108 (54 lecture, 54 lab)

Plant structure and function; the role of plants in the biosphere and society. Laboratory includes field studies. Designed for non-Biological Sciences majors with no prior general botany course.

SBCC General Education: SBCCGE Area A

Transfer Information: CSUGE Area B2, CSUGE Area B3, IGETC Area 5B, IGETC Area 5C, CSU Transferable, UC Transferable

UC Transfer Limit: No credit for BOT 100 if taken after BOT 121; BOT 100, 121, and 122 combined: maximum credit, two courses.

BOT 121 Plant Diversity (4 Units)

Hours: 108 (54 lecture, 54 lab)

Plant diversity, adaptations and evolutionary history; principles of ecology and evolution.

SBCC General Education: SBCCGE Area A

Transfer Information: CSUGE Area B2, CSUGE Area B3, IGETC Area 5B, IGETC Area 5C, CSU Transferable, UC Transferable

UC Transfer Limit: BOT 100, 121, and 122 combined: maximum credit, two courses.

BOT 122 Flowering Plant Identification (3 Units)

Hours: 90 (36 lecture, 54 lab)

Botanical classification, methods of identification, and recognition of important California plant species and families.

Transfer Information: CSUGE Area B2, CSUGE Area B3, IGETC Area 5B, IGETC Area 5C, CSU Transferable, UC Transferable

UC Transfer Limit: BOT 100, 121 and 122 combined: maximum credit, two courses.

C-ID: AG-EH 112L.

BOT 123 Field Botany (3 Units)

Hours: 90 (36 lecture, 54 lab)

Flora and major plant communities of California. Evolution via natural selection (i.e., plant adaptations and selective pressures), geographic distribution of plant communities, indigenous uses, field identification, and biological conservation. Field lectures, laboratories, and camping. Multiple field trips varying from one to four days in length.

Transfer Information: CSUGE Area B2, IGETC Area 5B, CSU Transferable, UC Transferable