

BOTANY (BOT)

BOT 120

4.0 UNITS

Introduction To Plant Science

Class Hours: 2.0 Lecture / 6.0 Laboratory

Total Contact Hours: 36 Lecture / 108 Laboratory

This is an introductory course in plant biology designed to introduce students to fundamental and unifying principles of biology and to cover in some depth many of the facets of botany. Topics will include chemistry, cell biology with an emphasis on plant cells, plant structure and response to environment, a taxonomic survey of major plant groups including their life cycles and characteristics, plant ecology, and evolution. The course will both fulfill the general education life science lab requirement and prepare students for a life science major. Field trips to examine local plant communities are part of the class. Students will also conduct a research project, prepare a scientific paper, and make a presentation based on their project.

Transfer Credit: CSU; UC

BOT 298

1.0 UNITS

Directed Studies

A course to provide opportunity for individual research and field projects under the direction of a faculty member in a given department. With the guidance of the faculty member, students prepare and carry out a written learning agreement describing the purposes and outcomes of the project. Students should expect to meet with the supervising faculty member one to two hours each week for conferences. Credit is based upon the number of hours in the semester expected to complete the project (1 unit for 54 hours). This course may be taken a maximum of 2 times. For selected disciplines, UC transfer credit may be possible after admission to a UC campus, pending review of appropriate course materials by UC staff. See a counselor for an explanation.

Transfer Credit: CSU

BOT 299

2.0 UNITS

Directed Studies

A course to provide opportunity for individual research and field projects under the direction of a faculty member in a given department. With the guidance of the faculty member, students prepare and carry out a written learning agreement describing the purposes and outcomes of the project. Students should expect to meet with the supervising faculty member one to two hours each week for conferences. Credit is based upon the number of hours in the semester expected to complete the project (2 units for 108 hours). This course may be taken a maximum of 2 times. For selected disciplines, UC transfer credit may be possible after admission to a UC campus, pending review of appropriate course materials by UC staff. See a counselor for an explanation.

Transfer Credit: CSU