

CANNABIS BIOLOGY & CHEMISTRY (CBC)

CBC 291 Special Topics (1-5 V)

As Needed.

Prerequisite: None.

Special Topics.

Corequisite: None.

Permission of instructor.

CBC 292 Research (1-3 V)

Fall, Spring, Summer.

Prerequisite: None.

Faculty directed research project for undergraduate first or second-year student.

Corequisite: None.

Permission of instructor. May be repeated for a maximum of 3.0.

CBC 401 Medicinal Plant Biochemistry 3(3-0)

Spring, Even.

Prerequisite: CHEM 301.

A focus on plants exhibiting important biological functions of therapeutic importance. The course emphasizes the biochemical pathways that produce bioactive molecules.

Corequisite: None.

BIOL 201 recommended.

CBC 413 Cannabis Physiology & Growth (3 V)

Fall, Odd.

Prerequisite: BIOL 201.

This course is designed to learn fundamental Cannabis biology, biochemistry, and physiology with more advanced concepts relevant to medicinal uses of cannabinoids in human disorders.

Corequisite: None.

CBC 413L Cannabis Physiology & Growth Lab 1(0-3)

Fall, Odd.

Prerequisite: BIOL 201 and BIOL 201L and BIOL 350, and BIOL 351.

This laboratory course is designed to learn fundamental Cannabis biology, biochemistry, and physiology with more advanced concepts relevant to medicinal uses of cannabinoids in human disorders.

Corequisite: None.

CBC 413 is strongly recommended as corequisite.

CBC 422 Natural Products Extraction & Analysis (3 V)

Fall, Even.

Prerequisite: CHEM 419.

Theory of bench top and instrumental techniques for the extraction and chemical analysis of natural products from various sources with an emphasis on applications related to cannabis.

Corequisite: None.

Permission of instructor.

CBC 422L Natural Products Extraction & Analysis Lab 1(0-3)

Fall, Even.

Prerequisite: CHEM 419L.

Practical applications of bench top and instrumental techniques for the extraction and chemical analysis of natural products from various sources with an emphasis on applications related to cannabis.

Corequisite: None.

CBC 422 is strongly recommended as corequisite.

CBC 463 Medicinal Chemistry & Pharmacology (3 V)

Fall, Odd.

Prerequisite: CBC 401.

The chemical and biological processes related to understanding drug action. Provides an overview of these processes and the art and logic of organic medicinal chemistry properties.

Corequisite: None.

Permission of instructor.

CBC 491 Special Topics (1-5 V)

As Needed.

Prerequisite: None.

Special Topics.

Corequisite: None.

Permission of instructor.

CBC 492 Research (1-3 V)

Fall, Spring, Summer.

Prerequisite: None.

Faculty directed research project for undergraduate student.

Corequisite: None.

Permission of instructor.

CBC 493 Seminar (1 V)

Fall.

Prerequisite: None.

Presentation of a formal presentation on research or a current topic in the literature using software-based delivery methods.

Corequisite: None.

Permission of instructor.

CBC 495 Independent Study (1-7 V)

Fall, Spring, Summer.

Prerequisite: None.

Independent Study.

Corequisite: None.

Permission of instructor.

CBC 498 Internship (1-6 V)

Fall, Spring, Summer.

Prerequisite: None.

Work experience in the discipline under the combined supervision of the selected organization and a faculty member.

Corequisite: None.

Permission of instructor.