

PHARM. CANNABIS SCIENCE & MED. (PCSM)

PCSM 6710 - Cannabis Therapeutics Neurology/Mental Health (2 Credits)

The evidence-based risks and benefits of cannabis and/or FDA-approved and investigational cannabis-derived drugs will be discussed in epilepsy and movement disorders, sleep, and migraine. Cannabis use in various mental health conditions will be presented, including depression, anxiety, post-traumatic stress, and schizophrenia.

Grading Basis: Letter Grade

Repeatable. Max Credits: 2.

Typically Offered: Fall, Spring, Summer.

PCSM 6720 - Cannabis Therapeutics Pain/Oncology (2 Credits)

The evidence-based risks and benefits of cannabis and/or FDA-approved and investigational cannabis-derived drugs will be discussed in management of various types of pain, and their supportive role in oncology. Patient safety considerations, including drug-cannabis interactions, and at-risk populations with cannabis use will be presented.

Grading Basis: Letter Grade

Repeatable. Max Credits: 2.

Typically Offered: Fall, Spring, Summer.

PCSM 6730 - Legal & Regulatory Issues in Cannabis Medicine (2 Credits)

The legal history of cannabis and industrial hemp in the United States and the current diversity of state and federal regulations governing the sale and use of cannabis and cannabis-derived medicinal and retail products will be discussed, as well as how these regulations influence basic science and clinical research on cannabis.

Grading Basis: Letter Grade

Repeatable. Max Credits: 2.

Typically Offered: Fall, Spring, Summer.

PCSM 7700 - Cannabis Pharmacology & Physiology (3 Credits)

This course addresses the history, botany, medicinal chemistry and pharmacology of active constituents in cannabis and hemp, with particular emphasis on their interplay with endogenous cannabinoids and the endocannabinoid system of the body. FDA-approved cannabinoid products and synthetic cannabinoids will also be discussed.

Grading Basis: Letter Grade

Repeatable. Max Credits: 3.

Typically Offered: Fall, Spring, Summer.

PCSM 7710 - Chemical Analysis of Cannabis (2 Credits)

This course will review the current state of cannabis research methodologies, including the extraction of plant materials, biochemical analysis and isolation of bioactive constituents. This didactic component will also include practical considerations of cannabis chemistry and research applications. Requisite: PCSM 6710, PCSM 6720, PCSM 7700

Grading Basis: Letter Grade

Repeatable. Max Credits: 2.

Typically Offered: Fall, Spring, Summer.