

ADCL 235C : Physiology and Pharmacology of Addiction

An in-depth study of psychopharmacological aspects of drugs is covered including a study of brain and body drug metabolism, medical complications, and the treatment of psychiatric disorders as outlined in the most current edition of the DSM.

Credits 3

Lab/Practicum/Clinical Hours 0

Lecture Hours 3

Prerequisite Courses

ADCL 120C

Learning Outcomes

- Discuss the biopsychosocial, medical, and metabolic effects of alcohol and other drugs on the human body and brain.
- Describe the evolving process by which the brain becomes addicted.
- Understand the reward pathway in the brain.
- Describe the DSM, its purpose, and usefulness in the treatment of substance use and other disorders.
- Provide an overview of drugs that may be prescribed for treating a specific disorder.
- Provide an overview of the specific action, effect, and psychopharmacological aspects of drugs upon a patient and their disorder to include precautions and considerations that may need to be taken when drugs are prescribed.
- Provide an overview of non-drug means of treating a DSM disorder.
- Provide an overview of harm reduction principles.
- Provide an overview of self-help and mutual support groups.