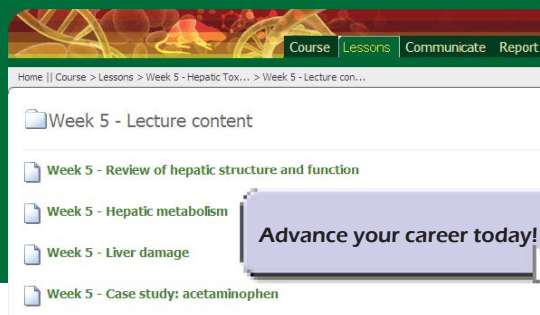


PHM 431 Pharmacology of Drug Addiction

Online - 3 credits

**MICHIGAN STATE
UNIVERSITY**



Course Overview

Created for students in both biomedical and social sciences with an interest in understanding why some drugs are addictive, how addiction can be treated, and the social consequences of drug addiction as a medical problem.

Following an introduction to the biological basis for drug addiction, the course will cover the major groups of addictive drugs. Lectures focus on the history of drug use and abuse, the molecular, cellular and integrative basis for their addictive properties and the behavioral and social consequences of their use and abuse.

Students learn about:

- Brain areas targeted by addictive drugs
- Actions of addictive drugs on individual neurons
- Nicotine, Alcohol, and Opiate addictions
- Hallucinogens
- Public policy for managing addiction in society.

Grades are based on a collaborative online presentation and paper, two multiple choice exams, and a term paper covering an aspect of public policy related to drug addiction.

Requirements

A background in the biological sciences is advantageous but is not required. Enrollment is limited.

PHM 431 is an online class offering animations, audio, articles, and asynchronous discussion forums. High speed Internet access is required.

Enroll

Enrollment assistance is available by calling the Pharm/Tox Academic Office below. Non-MSU students must first apply for Lifelong Education status by completing an application at <https://admissions.msu.edu/Apply.asp>

For **full list** of our online pharmacology & toxicology courses, see <http://tinyurl.com/phmtox>

Class starts in May!

For details, contact the Academic Office at (517) 884-0409 or e-mail phm@msu.edu