Nebraska Wesleyan University

BIO 3160 Medical Botany

Catalog

2015-2016

Course Description

A systematic study of chemicals of plant and fungal origin that are used as poisons, hallucinogens, and pharmaceuticals in human health. This course will examine the compounds produced by plants that make medicinal effects possible and the biological mechanisms through which these effects take place in the human body. Ethnobotanical and herbal therapy perspectives in identifying new medicines will also be discussed.
Three lectures per week.
Prerequisite(s): BIO 1400 Introduction to Biological Inquiry, BIO 2200 Genetics and Cell Biology and BIO 2300 Ecology and Evolution or permission of the instructor.

Course Hours

3 hours

Departments

1. Biology