

# Chemistry 333 : Drug Design

This course focuses on the design of medicinal agents based on predicted interactions with target biomolecules. Students will learn how to apply current drug development strategies through the examination of case studies of organic molecules that bind to receptors, enzymes, or DNA. In this context, students will analyze the medicinal properties of organic molecules as well as how structural modifications can prevent early metabolic clearance.

**Credits** 2

**Prerequisite Courses**

[Biology 111: Biological Principles](#)

[Chemistry 246: Organic Chemistry II](#)