

## Medc 712: Drug Action & Design II: Quantit Struct-BIOMOLECULAR SCIENCES

Introduction to simple mathematical models of drug action (2D-QSAR) and application of the concepts to the use of computer-aided drug design to develop 3D pharmacophore models based on quantitative structure-activity relationships (3D-QSAR).

#### 3 Credits

### Instruction Type(s)

Lecture/Lab: Lecture/Lab for Medc 712

# **Subject Areas**

Medicinal and Pharmaceutical Chemistry

### **Related Areas**

- <u>Clinical and Industrial Drug Development (MS, PhD)</u>
- Industrial and Physical Pharmacy and Cosmetic Sciences (MS, PhD)
- Natural Products Chemistry and Pharmacognosy (MS, PhD)
- Pharmaceutical Marketing and Management
- Pharmaceutical Sciences
- Pharmaceutics and Drug Design (MS, PhD)
- Pharmacoeconomics/Pharmaceutical Economics (MS, PhD)
- Pharmacy (PharmD USA PharmD, BS/BPharm Canada)
- Pharmacy Administration and Pharmacy Policy and Regulatory Affairs (MS, PhD)
- Pharmacy, Pharmaceutical Sciences, and Administration, Other

