

## Medc 712: QSAR & AI for Drug Design Biomolecular Sciences

QSAR and Artificial Intelligence for Drug Design. The basics and application of Quantitative Structure-Activity Relation (QSAR and 3D- QSAR) and artificial intelligence (AI), and other related ligand-based drug design computational approaches, such as ADMET prediction, pharmacophore modeling, and virtual screening.

3 Credits

## Instruction Type(s)

• Lecture: Lecture for Medc 712

## **Subject Areas**

• Medicinal and Pharmaceutical Chemistry

## **Related Areas**

- Clinical and Industrial Drug Development (MS, PhD)
- 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

