

## 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](#)

