

Medc 712: QSAR & AI for Drug Design

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

- <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

The University of Mississippi is accredited by the Southern Association of Colleges and Schools Commission on Colleges to award certificates and baccalaureate, master's, specialist, and doctoral degrees. Contact the Commission on Colleges at 1866 Southern Lane, Decatur, Georgia 30033-4097, call 404-679-4500, or visit online at www.sacscoc.org for questions about the accreditation.

