

# Chem 3393B: Medicinal Chemistry

## 2023–2024 Course Outline

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### *Course and Instructor Information*

Your Professor for CHEM 3393B is Dr.

- Discovery and optimization (textbook chapters 12–18)
  - Generation of lead compounds
  - Optimization of pharmacodynamics and pharmacokinetics
  - Chemical & process development, synthesis methods
  - Computational approaches to drug discovery
- Selected topics (time-permitting; various textbook chapters and supplemental information)
  - Antibiotics (

## *Evaluation*

The overall course grade, out of 100, will be calculated as listed below. Listed next to the respective components are their maximum contribution towards





All required papers may be subject to submission for textual similarity review to the commercial plagiarism detection software under license to the University for the detection of plagiarism. All papers submitted for such checking will be included as source documents in the reference database for the purpose of detecting plagiarism of papers subsequently submitted to the system. Use of the service is subject to the licensing agreement, currently between The University of Western Ontario and Turnitin.com (<http://www.turnitin.com>).

**Use of electronic devices.** Only basic scientific calculators are permitted on all tests and exams. All other electronic devices (cell phones, laptops, tablets, cameras, etc.) are prohibited.

Completion of this course will require you to have a reliable inter (p)2.2 (s)5a1teuxosn3 (e)7.9 (8)-1.9 (t)-3 (r)1i6.6 (n)2.2