

CHMD90Y3 Y

Directed Research

Summer 2024 Syllabus

Course Meetings

CHMD90Y3 Y

Section	Day & Time	Delivery Mode & Location
LEC01	To Be Announced	In Person : To Be Announced

Refer to ACORN for the most up-to-date information about the location of the course meetings.

Course Contacts

Instructor: Kagan Kerman

Email: kagan.kerman@utoronto.ca

Office Hours and Location: By Appointment only.

Course Overview

You can find the names and contact information for the current course coordinators by visiting the [Chemistry website](#).

This course involves participation in an original research project under the direction of a faculty supervisor. Approximately 260 hours of work are expected in CHMD90Y3. The topic will be selected in conference with the course coordinator who will provide project descriptions from potential faculty supervisors. Progress will be monitored during periodic consultations with the faculty supervisor as well as the submission of written reports. The final results of the project will be presented in a written thesis as well as an oral and/or poster presentation at the end of the term.

Please see the note below on registration in CHMD90Y3.

Course Learning Outcomes

By the end of the course, students will be able to produce professional quality writing and effectively communicate the results of their research findings and analyses to fellow classmates in an oral presentation.

Prerequisites: Permission of the course coordinator.

Corequisites: None

Exclusions: CHMD91H3, CHMD92H3

Recommended Preparation: None

Credit Value: 1

Admittance requirements:

- A Cumulative Grade Point Average of at least **5 (or a project-specific GPA that will be advised upon the agreement of the research supervisor)**. Students who do not meet this requirement are encouraged to enroll in CHMD92H3 instead.
- Completion of at least 15 full credits
- Completion of at least 1.0 full credits of C-level CHM courses containing a lab component (i.e. CHMC16H3, CHMC31Y3, CHMC41H3 or CHMC42H3, CHMC47H3, BIOC23H3)

Course Materials

The course materials will be related to the project that the students will be assigned by their supervisor.

Marking Scheme

Assessment	Percent	Details	Due Date
Thesis (Supervisor's mark)	40%		2024-08-23
Thesis (Reader-1's mark)	20%		2024-08-23
Thesis (Reader-2's mark)	20%		2024-08-23
Oral presentation	20%		2024-08-12

- **Submission deadline for the 1st draft of your thesis to your supervisor: Friday, August 9th, 2024.** Find two external readers and presentation evaluators among faculty, research associates, and postdoctoral fellows in DPES.
- **Final oral presentation** (Tentative date: **Monday, August 12th, 2024**)
- **After completing the revisions requested by the supervisor, the student will submit the final version of thesis to the supervisor and two readers. The submission deadline of the thesis is Friday, August 16th, 2024.**
- **All marks due on Friday, August 23rd, 2024.**

Late Assessment Submissions Policy

The [Academic Handbook](#) provides guidance for accommodations or late penalties for students' missed academic obligations (e.g., thesis, oral presentation, etc.). Missed examinations are dealt with centrally, not directly by the instructor. Please see the Academic Handbook for details.

Instructors are not obliged to accept late work, except where an accommodation has been granted by AccessAbility Services, or where there are legitimate reasons beyond a student's

control. In such cases, a late penalty is normally not appropriate and it is generally fairest to offer some accommodation. Please consult the [UTSC Policy for Student Absences](#) for the most recent policy regarding documentation from students.

Policies & Statements

Academic Integrity

The University treats cases of cheating and plagiarism very seriously. The University of Toronto's Code of Behaviour on Academic Matters (<http://www.governingcouncil.utoronto.ca/policies/behaveac.htm>) outlines the behaviours that constitute academic dishonesty and the processes for addressing academic offences.

Potential offences in papers and assignments include using someone else's ideas or words without appropriate acknowledgement, submitting your own work in more than one course without the permission of the instructor, making up sources or facts, obtaining or providing unauthorized assistance on any assignment.

On tests and exams, cheating includes using or possessing unauthorized aids, looking at someone else's answers during an exam or test, misrepresenting your identity, or falsifying or altering any documentation required by the University.

Equity, Diversity and Inclusion

The University of Toronto is committed to equity, human rights and respect for diversity. All members of the learning environment in this course should strive to create an atmosphere of mutual respect where all members of our community can express themselves, engage with each other, and respect one another's differences. U of T does not condone discrimination or harassment against any persons or communities.

The University of Toronto is a richly diverse community and as such is committed to providing an environment free of any form of harassment, misconduct, or discrimination. In this course, I seek to foster a civil, respectful, and open-minded climate in which we can all work together to develop a better understanding of key questions and debates through meaningful dialogue. As such, I expect all involved with this course to refrain from actions or behaviours that intimidate, humiliate, or demean persons or groups or that undermine their security or self-esteem based on traits related to race, religion, ancestry, place of origin, colour, ethnic origin, citizenship, creed, sex, sexual orientation, gender identity, gender expression, age, marital status, family status, disability, receipt of public assistance or record of offences.

University Land Acknowledgement

I wish to acknowledge this land on which the University of Toronto operates. For thousands of years, it has been the traditional land of the Huron-Wendat, the Seneca, and the Mississaugas

of the Credit. Today, this meeting place is still the home to many Indigenous people from across Turtle Island and we are grateful to have the opportunity to work on this land.

Accommodations

Students with diverse learning styles and needs are welcome in this course. In particular, if you have a disability/health consideration that may require accommodations, please feel free to approach me and/or the AccessAbility Services Office as soon as possible.

AccessAbility Services staff (located in Rm AA142, Arts and Administration Building) are available by appointment to assess specific needs, provide referrals and arrange appropriate accommodations 416-287-7560 or email ability.utsc@utoronto.ca. The sooner you let us know your needs the quicker we can assist you in achieving your learning goals in this course.

Use of Generative Artificial Intelligence Tools

Students may use artificial intelligence tools, including generative AI, in this course as learning aids or to help produce assignments. However, students are ultimately accountable for the work they submit.

Students may not use artificial intelligence tools for taking tests, writing research papers, creating computer code, or completing major course assignments. However, these tools may be useful when gathering information from across sources and assimilating it for understanding.

The knowing use of generative artificial intelligence tools, including ChatGPT and other AI writing and coding assistants, for the completion of, or to support the completion of, an examination, term test, assignment, or any other form of academic assessment, may be considered an academic offense in this course.

Plagiarism Detection Tool

Normally, students will be required to submit their course essays to the University's plagiarism detection tool for a review of textual similarity and detection of possible plagiarism. In doing so, students will allow their essays to be included as source documents in the tool's reference database, where they will be used solely for the purpose of detecting plagiarism. The terms that apply to the University's use of this tool are described on the Centre for Teaching Support & Innovation web site (<https://uoft.me/pdt-faq>).