



2025-26 CPS400Y5: Internship Course Information Session

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February 18, 2025



Land Acknowledgment

“We wish to acknowledge the 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 most recently, the Mississaugas of the Credit River. 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.”

For more information, please visit:

<https://indigenous.utoronto.ca/about/land-acknowledgement/>

Experiential Learning Is...

- Broadly understood as “learning by doing”
- Present both *within* and *outside* the classroom
- An opportunity for students to gain skills that make them career and life ready
- Supported by UTM and the Ministry of Colleges and Universities (MCU)

Experiential Learning Cycle

The Simplest
Experiential
Learning
Cycle

DO IT.

What?

What happened?
What were the results?

So What?

What do these
results imply?
How did I influence
the outcome?

Now What?

What will I do differently next time?

The EEU's Core Programming

Academic Internships

- Designed to give students professional experience while receiving academic credit.

Community Engaged Learning

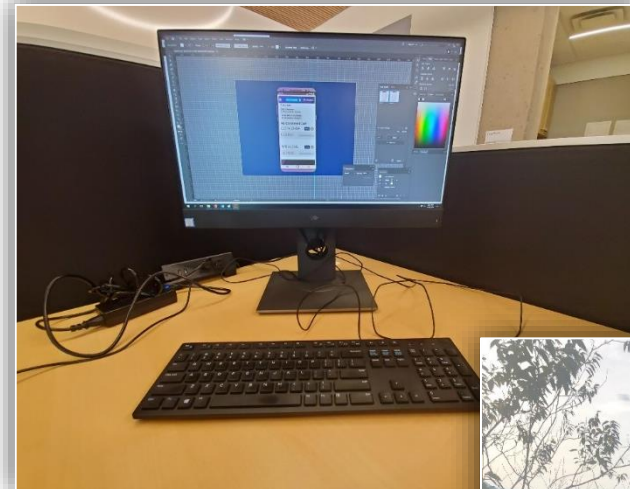
- For-credit courses which enable students to engage with the community and enrich their academic experience.

Research Opportunity Program

- Students engage in research under the direction and supervision of an instructor while receiving course credit.

University of Toronto Mississauga Co-op Internship Program

- Students complete a 12- or 16-month work placement and receive a notation on their transcript upon completion.



ROP Information Sessions

CPS400Y5: Chemical & Physical Sciences Internship Course

What Can I Expect?

- CPS400Y5 is an opportunity for fourth-year CPS students to gain professional, workplace experience through a 200-hour unpaid internship placement.
- Successful applicants will be placed with various employers in the GTA based on their interests and skill sets and employers needs and availabilities.*
- At the end of the term, students must submit a written report and prepare an oral presentation about the outcomes of their work experience.

*Best efforts are made to place students at sites that are appropriate to their academic backgrounds, interests, and experiences, but there are no guarantees as to the type of placement that is provided.

Placements can be remote, in-person, or hybrid.

Requirements

To be eligible to apply for the course, students must be entering their fourth-year of study and registered in one of following Programs:

CHEMISTRY	PHYSICS	EARTH SCIENCES
Chemistry Major	Physics Major	Earth Science Major
Chemistry Specialist	Biomedical Physics Specialist	Earth Science Specialist
Biological Chemistry Specialist		

**CPS400 Course
Webpage:**

<https://www.utm.utoronto.ca/cps/undergraduate/resources/current-students/cps400-cps-internship-course>

Pre-Requisites

- For Chemistry Internships: (CHM372H5 or CHM394H5 or CHM396H5) and an additional 1.0 credit from any 300/400 level CHM/JCP/JCB/BCH/FSC courses.
- For Earth Science/Geology Internships: ERS301H5 and ERS303H5 and an additional 1.0 credit from any 300/400 level courses.
- For Physics Internships: PHY324H5 and PHY347H5 and an additional 1.0 credit from any 300 or 400 level PHY/JCP courses.

CPS400 Course Webpage:

<https://www.utm.utoronto.ca/cps/undergraduate/resources/current-students/cps400-cps-internship-course>

Summary of Placement Process

Item	Approximate Timeline
Submit Applications	February 3 – April 1, 2025
Interview with the CPS400 Course Coordinators	May 2025
Interview with matched Placement Site Supervisor(s), as provided by the Experiential Learning Officer*	June – July 2025
Placements Confirmed	July – August 2025
Completion of Placement Documentation	August 2025
Begin Internship Placement Work	September 2025
Placement Hours Requirement Completed	March 2026

*Best efforts are made to place students at sites that are appropriate to their academic backgrounds, interests, and experiences, but there are **no guarantees** as to the type of placement that is provided.

Benefits of Participating in CPS400Y5

- Earn a full (1.0) academic credit toward your transcript
- Expand your CV / resume
- Structured work experience
- Supervision by a professional in the field / reference letters
- Apply theoretical and practical skills developed throughout your undergraduate education
- Gain *confidence* in work environment

Benefits of Participating in CPS400Y5

- Transferrable skills development including:
 - Job search
 - Resume writing
 - Communication (oral and written)
- Professional networking opportunities
- Opportunities to explore career options in other subject areas

CPS400Y5 Course Content

- Presentations (small group)
- Reports
- Activity log
- Ongoing feedback from the instructor
- Industrial partner presentations
- Workshops in partnership with the Career Centre

Experiential Learning Bursaries may be available from the EEU for Internship support via the Experiential Learning Bursaries Program

Benefits of Participating in CPS400Y5

“This internship experience has been a valuable and gratifying journey that provided me [with] useful skills and experiences, as well as assisted me in forming valuable relationships with colleagues in the field of research. Working with the industry and its project involving the chemical synthesis of functional materials has not only provided me with skills in analytical and data management, but also skills in creativity, leadership, and teamwork. This journey has been educational and pragmatic, as well as rewarding from its influence on my career path that now encompasses my best interests and proficiencies obtained throughout my undergraduate career.”

- M.B. (2019-20 CPS400)

Application packages for CPS400Y5 will be accepted electronically between
February 3rd *and* April 1st, 2025

Application Forms available via:

<https://www.utm.utoronto.ca/cps/cps-internship-course-cps400>

2025 CPS400Y5 Presentation Evening Event

Third-year CPS students who are considering participating in CPS400Y5 are invited to attend the hybrid 2025 CPS400 Internship Presentation Evening:

Friday, April 4th, 2025

5:00 PM – 8:00 PM

Hybrid (in-person & via Zoom)

If you would like to attend, please RSVP to Melissa Esteron at melissa.esteron@utoronto.ca by March 28, 2025

Contact

For Application & Course Eligibility Questions

Christina Fortes

Academic Counsellor/Undergraduate Program Administrator
Department of Chemical & Physical Sciences
Email: christina.fortes@utoronto.ca

For Placement Process Questions

Melissa Esteron & Selina Sharma

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For Course Content Questions:

Dr. Anna Shahmuradyan

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