

2024-25 CPS400Y5 Internship Course Information Session



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Land Acknowledgement

“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



compiled by Andrea Corney
www.edbatista.com/2007/10/experiential.html

THE EEU'S "BIG THREE"

Academic Internships

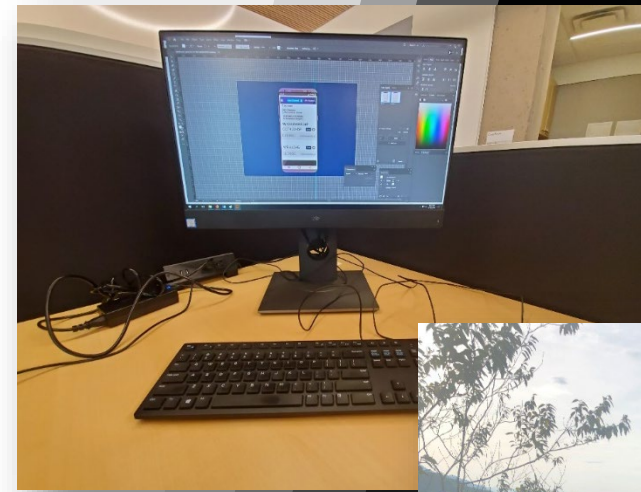
- 100–200-hour work placements in senior-level courses.
- Designed to give students professional experience while receiving academic credit.

Community Engaged Learning

- Courses which enable students to engage with the community and enrich their academic experience.
- Recommended hours between 10-12 hours for half-year courses; 15-20 hours for full-year courses.

Research Opportunity Program (ROP)

- Students engage in research under the direction and supervision of an instructor while receiving course credit.
- Instructors can propose research projects and recruit students as research assistants for half- and full-year courses.



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/cps-internship-course-cps400>



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/cps-internship-course-cps400>

Summary of Placement Process

ITEM	TIMELINE (Approximates)
1) Application Submissions	February 1 – April 1, 2024
2) Interview with the CPS400 Course Coordinators	May 2024
3) Interview with matched Placement Site Supervisor(s), as provided by the Experiential Learning Officer*	June – July 2024
4) Placements Confirmed	July – August 2024
5) Completion of Placement Documentation	August 2024
6) Begin Internship Placement Work	September 2024
7) Placement Hours Requirement Completed	March 2025

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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



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- Job search, resume writing, communication (oral and written), presentation, and transferrable skills development
- Professional networking opportunities
- Opportunities to explore career options in other subject areas



CPS400Y5 Course Content

- Course content is designed to be reflective and mimic the industrial work environment
- Presentations (One-on-one, small/large group)
- Reports
- Activity log
- Participation
- Career building assignments
- Industry 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 Information

Application packages for CPS400Y5 will be accepted electronically between

February 1st and April 1st, 2024

Application Forms available via:

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

CONTACT

For Application and Course Eligibility Questions:

Christina Fortes:

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

For Placement Process Questions:

Anastasia Jakub

Experiential Learning Officer
Experiential Education Unit, Office of the Dean
Email: anastasia.jakub@utoronto.ca

Experiential Education Unit Website:

<http://www.utm.utoronto.ca/experience/>

For Course Content Questions:

Dr. Anna Shahmuradyan

CPS400 Course Instructor
Director, Centre for Medicinal Chemistry
Department of Chemical & Physical Sciences
Email: anna.shahmuradyan@mail.utoronto.ca

2024 CPS400Y5 Presentation Evening Event

Third-year CPS students who are considering participating CPS400Y5 are invited to attend the virtual 2024 CPS400 Internship Presentation Evening:

Friday, April 5th, 2024, from 5:30pm – 8pm
via Zoom

If you would like to attend, please RSVP to Anastasia Jakub at anastasia.jakub@utoronto.ca by March 29th, 2024