

Information Session on Graduate Studies

Department of Computer Science
University of Western Ontario

March 18, 2020

Plan

① Overview

② Graduate School of Computer Science at Western

Objectives

- 1 Give a brief presentation of our graduate school

<https://www.csd.uwo.ca/graduate/index.html>

- 2 Answering your questions like *why going to graduate school?*
- 3 What you may not know:
 - Graduate school comes in different flavors
 - Financial support
 - Scholarships and industry internship opportunities
 -

Tentative agenda

13:30 Welcome!

13:35 I am in 4th year: what to do next?

13:40 Salary trajectories: BSc vs MSc

13:45 Experiences from current graduate students

14:00 *Doing research in our department*

14:05 *Streams of the graduate programs*

14:05 How to apply to the graduate programs?

14:10 Questions and answers

This set of slides.

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Computer Science Department in Numbers

Numbers

- 20 faculty members + 2 full-time lecturers
- 150 graduate students
- A research intensive department
- Strong connections with industry (in particular through MITACS and with Bell, IBM, Microsoft, Maplesoft, ...)

Computer Science Department: Research Areas

Research areas

- Artificial intelligence & Games
- Bioinformatics
- Computer algebra
- Data analytics
- Distributed systems
- Computational neuro-sciences
- Software engineering
- Vision and image processing
- Theoretical computer science

Computer Science Department: Facilities

For graduate students

- Grad student/faculty offices:
 - Middlesex College: 3rd, 4th floors, part of 2nd floor and basement
- Access to all undergraduate labs (Middlesex College basement, 2nd,3rd floors)
- All graduate students receive office space and computer
- Graduate lounge: MC 312

Graduate school: opportunities

① Learn and use advanced technology:

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 - Compute Canada <https://www.computecanada.ca/>
- ② Do **real** research
- ③ Do **industry internships** within a **real research project**
 - MITACS internships <https://www.mitacs.ca/>
 - IBM CAS internships
<https://www-01.ibm.com/ibm/cas/canada/>

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- ④ Build connections :
 - Attend conferences <http://2017.hpcs.ca/>
 - Do internships abroad <https://www.mitacs.ca/en/programs/globalink/globalink-research-internship>

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- Research: an opportunity to **contribute to knowledge**
- CS is a young field with new topics emerging every year.

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- Start the process early and apply to the selected UWO graduate school before submitting the scholarship application.