

School of Computer Science (SCS)

Graduate Orientation

Tuesday, September 2nd, 2025



Administration



Jean-Pierre Corriveau

**Director
and Graduate Director**



Kathy Waitschat-Drew

Graduate Advisor



Mark Williams

Graduate Advisor



Mylien Reid

School Administrator

Welcome to SCS and OCICS!

The **School of Computer Science (SCS)** at Carleton University is one of the two components of OCICS, the Ottawa-Carleton Institute for Computer Science.

OCICS is a joint institute:

- courses from *both* universities.
 - a one-term course is worth 0.5 credit at Carleton (3 cr. at uOttawa)
- supervisor from SCS: a subset of <https://carleton.ca/scs/our-people/>

Separately, SCS offers:

- a Master in Data Science, Analytics and Artificial Intelligence (DSAAI)
- a Master in Human Computer Interaction (HCI)

OCICS Programs

- M.C.S.
- M.C.S. with Collaborative Specialization in Cybersecurity
- M.C.S. with Collaborative Specialization in Data Science
- Ph. D.

The M.C.S. has two options:

- thesis pathway: 2.5 credits + a thesis
- non-thesis pathway: 8 courses + COMP 5903 OR 10 courses

Some Requirements

- All three M.C.S. programs require 1.5 credits of OCICS courses in 3 different *areas*
- M.C.S. with Collaborative Specialization in Cybersecurity
 - you must take CYBR 5000 [1 credit]
 - if doing a thesis, it must pertain to Cybersecurity
- M.C.S. with Collaborative Specialization in Data Science
 - you must take DATA 5000 [0.5 credit]
 - if doing a thesis, it must pertain to Data Science
- Ph. D.
 - a minimum of 1.5 credits within your first 4 terms
 - 2 presentations (the 'seminar' requirement)
 - COMP 6907, 6908, 6909 + progress reports

Additional Details

For the M.C.S.:

- OCICS regroups its courses in 4 different *areas*
 - *Software Engineering (E).*
 - *Theory of Computing (T)*
 - *Computer Applications (A)*
 - *Computer Systems (S)*

Study the OCICS schedule at www.ocics.ca

- for MCS: a course can be used to 'cover' only one of its associated areas
- You need a special permission to take a non-OCICS course
- A load of 3 graduate courses per term is typically a heavy load

Our website for graduate students

Look at <https://carleton.ca/scs/current-students/graduate-students/>

- Program requirements
- Co-op
- TA information
- Forms
- Course outlines
- Registration
- Awards and Funding
- Wellness and Support
- Professional Development

Other Important Websites

- Current Graduate Students

<https://gradstudents.carleton.ca>

- Funding

<https://gradstudents.carleton.ca/awards-and-funding/>

- Deadlines!

<https://calendar.carleton.ca/academicyear/>

- Counselling and Wellness Services

<https://wellness.carleton.ca/counselling/>

Global Opportunities and International Students Service Office (GO-ISSO)

<https://carleton.ca/go-isso/>

- Carleton's Graduate Student Association

<https://gsacarleton.ca>

How to Succeed

- **Motivation and Diligence**

- **Remember academic success is your goal** and **ask questions** when you are not sure!

- **Time Management**

- **Start early** on assignments ... and carefully **budget your time**

- **Integrity**

- Hand in your **own work**



Technical Staff



Peter Choynowski

Manager of Technical Operations



Jorge Luis Gonzalez

Network Administrator



Karim Ismail

Software Designer



Andrew Miles

Sr. Systems Administrator



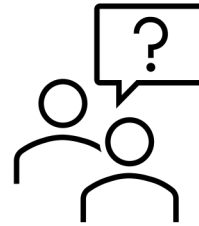
Andrew Pullin

Sr. Software Designer

Technical Staff (IT Support)

take care of:

- Computing, server and network infrastructure at the school
- In-person **SCS Tech-Support** for students, faculty and staff.
- Computer Science Lab Infrastructure
- OpenStack & Virtual Machines (server side)



carleton.ca/scs/technical-support

are not T.A.'s.

are not ITS (Information Technology Services)

Technical Staff (Free Software)

- Microsoft has generously offered most of their software free of charge to students. They offer software like: **Office**, **Windows 11**, and **Visual Studio** + much more!
- **IBM Academic Initiative**: IBM Cloud, course, Data Science and Quantum resources are all free for Computer Science students!
- **MATLAB** is free.
- Much more free software pertinent for your studies. Check out the website:
<https://carleton.ca/scs/tech-support/software/>



The End!

QUESTIONS ... ?