Master's and PhD programs in CS/SOEN

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Programs

1. ## Undergraduate Level (3-4 years)

   only courses (90/120cr)

   in year 3, you can work on cool projects for 300/400 level courses, for project course (490), or USRA internships

2. ## Master's Level (2 years)

   2A) course-based Master's

   2B) thesis/research-based Master's

3. ## PhD Level ($\approx$4 years)

   even more research

2A) Course-based Master's program

Program

- courses only (no supervisor is required)
- minimum 45 course credits (12 courses)
- COMP/SOEN 600/700 level - some courses from outside allowed
- possibility of Co-op program (GPA requirement): work in industry for 1 or 2 terms and gain industrial exposure (maybe)
- 2 programs: COMP M.App.Comp.Sci. or SOEN MEng SOEN

Admission Requirements

- $GPA \geq 3.0$ (in certain situations, admission is possible to a qualifying program with slightly lower GPA)
- Apply online
- If you are a local student, the deadline is more flexible

2B) Research-based Master's:

COMP M.Comp.Sci. or SOEN MASc

Course component
- 16cr (4 courses)
- COMP/SOEN 600/700
- outside Concordia (McGill, Mila...)

Research (thesis)
- need a professor to supervise your project
- collaborate in a professor's lab with other students
- project that advances state-of-the-art
- can lead to PhD if you want

Funding
- supervisor funding ($\approx 10,000\$$/year), Entrance Award ($5,000\$$)
- TA for courses ($\approx 1,500\$$)
- other scholarships & awards:
  NSERC Canada Graduate Scholarships 17,500\$ yearly (GPA ≥ 3.7);
  FQRNT Scholarships, 2nd cycle - 17,500\$ yearly (GPA ≥ 3.55)

2B) Research-based Master's - suite

Admission Requirements

- GPA $\geq$ 3.0 (in certain situations, admission is possible to a qualifying program with slightly lower GPA)
- find a supervisor
- Apply online
- if you are a local student, the deadline is more flexible

Finding a supervisor

- Contact profs who work in a topic that interests you
    - give them your CV and transcript
    - ask if they are accepting new students and if they have a project for you
    - make clear whether you need funding
- GPD-Masters-Thesis-CSSE@concordia.ca for help

3) PhD program

Regular Entry

- ▶ complete your Master's, then apply to the PhD

Fast-track to the PhD

- ▶ start your Master's
- ▶ if you have strong grades & show strong research potential then after ≈ 1 year, you can be admitted to the PhD directly

Direct-Entry to the PhD

- ▶ skip the Master's altogether
- ▶ if you have an outstanding GPA at the UG level & show strong research potential, then you can be admitted to the PhD directly

More information

Online

1. Description of all programs
2. List of professors to supervise your thesis
3. Online Application
4. Concordia Awards & Funding
5. Quebec Graduate Scholarships
6. Canada Graduate Scholarships
7. Graduate Courses

Contact the Graduate Program Directors

- for the course-based Master's:
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- for the thesis-based Master's:
  charalambos.poullis@concordia.ca
- for the PhD program: sabine.bergler@concordia.ca