Université Concordia University

GINA CODY SCHOOL OF ENGINEERING AND COMPUTER SCIENCE

Department of Chemical and Materials Engineering

Orientation session Summer 2024

Department of Chemical and Materials Engineering – Academic and Community Conduct

Academic and community conduct

- My advice:
  - Be honest at all times
    - Plagiarism is not tolerated
      - Don’t cheat on exams
      - Don’t copy from others
      - Always cite every source you use
  - Be respectful at all times
    - Rudeness or bullying is not tolerated
    - Concordia encourages and celebrates diversity
  - Be responsible at all times
    - Inform yourself of the rules and follow them
      - Read your admission letter – in its entirety
      - Read your course outlines – in their entirety
    - Safety: Part of Chemical Engineering culture

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CME Thesis-based Graduate Programs

- Slides originally created by Dr. Zhibin Ye, with minor modifications made by Sana Anbuhi in January 2024.

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CME Thesis Graduate Program Staff

Academic

Dr. Alex De Visscher,
Department Chair
alex.devisscher@concordia.ca

Dr. Sana Anbuhi
Graduate Program Director (GPD)
Sana.anbuhi@concordia.ca

Administrative

Erica Howse,
Department Administrator
Erica.Howse@concordia.ca

Antonios Daskalakis,
Programs Coordinator
cme-grad@concordia.ca

Alisa Makusheva,
Administrative Assistant
alisa.makusheva@concordia.ca

Labs

Harriet Laryea,
Technical Supervisor
harriet.laryea@concordia.ca

Kerri Warbanski,
Chemical Laboratory Technician
kerri.warbanski@concordia.ca

CME Thesis-Based Programs

- **MASc**
  - **45 credit program:**
    a) Courses
    b) Department seminars by invited speakers: mandatory to attend 80%.
    c) Thesis
    - **typically, 2 years**
- **PhD**
  - **90 credit program:**
    a) Courses
    b) Comprehensive exam
    c) Proposal exam
    d) PhD seminar
    e) Department seminars by invited speakers: mandatory to attend 80%.
    f) Thesis
    - **typically, 4 years**

Get familiar with the CME Graduate Student Handbook. You will find detailed information on all programs offered by the Department and the guidelines you need to follow.

MASc Program Requirements

- https://www.concordia.ca/academics/graduate/chemical-engineering-masc.html

❑ **a) Courses – 16 credits**

- **a.1) Mandatory (8 cr.):**
  - **CHME 6981- Chemical Engineering Research Protocols and Safety** (4 cr.)
    - required prior to lab access; take ASAP

  - **Minimum 1** course (4 cr.) from: **CME MASc core courses:**
    - CHME 6011 Advanced Transport Phenomena (4 cr.)
    - CHME 6021 Advanced Chem. Eng. Thermodynamics (4 cr.)
    - CHME 6031 Chemical kinetics and Reaction Engineering (4 cr.)
    - CHME 6041 Chemical Process Dynamics and Control (4 cr.)
    - CHME 6051 Chemical Process Engineering and Design (4 cr.)
    - CHME 6071 Materials Science and Engineering (4 cr.)
    - CHME 6081 Advanced Separation Processes (4 cr.)
    - CHME 6121 Nanomaterials Science and Engineering (4 cr.)
    - ENCS 6021 Engineering Analysis (4 cr.)

Discuss with your supervisor on course selection!!!

MASc Program Requirements- Cont.

- https://www.concordia.ca/academics/graduate/chemical-engineering-masc.html

❑ **a) Courses – 16 credits**

- **a.2) Other 8 credits**:
  - ➢ Any courses from **CME MASc core course** list and **electives list**

MASc electives:
(> 24; expanding)

- CHME 6061 Advanced Biochemical Engineering (4 cr.)
- CHME 6091 Statistics for Chem. Eng. (4 cr.)
- CHME 6101 Advanced Battery Materials and Technologies (4 cr.)
- CHME 6111 Polymer Chemistry and Engineering (4 cr.)
- CHME 6131 Advanced Colloid and Interface Science and Engineering (4 cr.)
- CHME 6911 Topics in Chemical Engineering I (4 cr.)
- ENCS 6111 Numerical Methods (4 cr.)
- ENGR 6201 Fluid Mechanics (4 cr.)
- MECH 6131 Conduction and Radiation Heat Transfer (4 cr.)
- ….

- **possible to take 1 course outside the Electives list (get permission of GPD); courses at other departments at Concordia or other universities.**
- **Note: If you take a 3-cr. course, you must take 1-cr. CHME 6001 – Project in CME to obtain the missing credit.**

MASc Program Requirements- Cont.

- https://www.concordia.ca/academics/graduate/chemical-engineering-masc.html

❑ **b) Department seminars by invited speakers: mandatory to attend 80%.**

❑ **c) Research and thesis**

➢ **ENGR 8901- MASc Research and Thesis (29 cr.)**

Discuss with your supervisor on your thesis research (topic, objectives, methodology, timeline)!!!

PhD Program Requirements- Cont.

- https://www.concordia.ca/academics/graduate/chemical-engineering-phd.html

❑ **a) Courses – 12 credits**

- **a.1) Mandatory (8 cr.):**
  - ➢ **CHME 6981- Chemical Engineering Research Protocols and Safety (4 cr.)**
    - **required prior to lab access; take ASAP**
  - ➢ **At least 1** course (4 cr.) from **CME PhD courses:**

CME PhD courses:
(> 30 ; expanding)

CHME 6011 Advanced Transport Phenomena (4 cr.)
CHME 6021 Advanced Chem. Eng. Thermodynamics (4 cr.)
CHME 6031 Chemical kinetics and Reaction Engineering (4 cr.)
CHME 6041 Chemical Process Dynamics and Control (4 cr.)
CHME 6051 Chemical Process Engineering and Design (4 cr.)
CHME 6061 Advanced Biochemical Engineering (4 cr.)
CHME 6071 Materials Science and Engineering (4 cr.)
CHME 6081 Advanced Separation Processes (4 cr.)
CHME 6121 Nanomaterials Science and Engineering (4 cr.)
….

Discuss with your supervisor on course selection!!!
Choose courses that best align with your research areas and interest you most.

PhD Program Requirements- Cont.

- https://www.concordia.ca/academics/graduate/chemical-engineering-phd.html

❑ **a) Courses – 12 credits**

- **a.2) Other 4 credits**:

  ➢ You may take **1 course within** or **outside the PhD course list** (**get permission of GPD**)

  - This can be a course at **other departments** at Concordia **or** at **other universities**

  - Note: If you take a 3-cr. course, you must take 1-cr. (e.g. CHME 6001 – Project in CME) to obtain the missing credit.

PhD Program Requirements- Cont.

- https://www.concordia.ca/academics/graduate/chemical-engineering-phd.html

❑**(b-d) Comprehensive and proposal exams, and Seminar - 8 credits**

➢ **(b) ENCS 8501 Comprehensive Exam (0 cr.) – Critical Literature Review**

Within the first 16 months of the PhD program; submit a critical literature review report and defend

➢ **(c) ENCS 8511 Doctoral Research Proposal (6 cr.)**

Within the first 24 months of the PhD Program; submit a research proposal and defend

➢ **(d) ENCS 8011 PhD Seminar (2 cr.)**

Within the first 30 months of the PhD Program; deliver a seminar and attend other seminars (by other PhD students and invited department seminar speakers)

Discuss with your supervisor on your comprehensive exam!!!

PhD Program Requirements- Cont.

- https://www.concordia.ca/academics/graduate/chemical-engineering-phd.html

❑ **(e) Department seminars by invited speakers:**

- **mandatory to attend 80%.**

❑ **(f) Research and thesis**

- **ENGR 8911 Doctoral Research and Thesis (70 cr.)**

  Within the first 48 months of the PhD Program.

Discuss with your supervisor to plan on your doctoral thesis!!!

Annual Progress reporting

https://www.concordia.ca/sgs/resources/handbooks/phd-supervision-guidelines/d-progress-reporting.html

- All **students** and their supervisors are responsible for filling out and submitting **Annual Progress Reports** (APRs) through the the **Student Information System** (SIS).

- **Note:** Students who fail to submit their APRs will be blocked from registering for courses the following term.

Student Resources

- ❑ **Scholarship and bursary opportunities available,** https://www.concordia.ca/sgs/awards-funding.html
  - **Announced from time to time; will forward once announced**

- ❑ **International Student Office (ISO),** https://www.concordia.ca/students/international.html
  - Immigration documents
  - Health Insurance
  - Events and workshops

- ❑ **Student Hub,** https://www.concordia.ca/students/services.html

- ❑ **GradProSkils,** https://www.concordia.ca/students/gradproskills/workshops/skill-domains.html
  - **Grad academic success** (Preparing a thesis or research paper, Funding and awards, etc.)
  - **Leadership and management** (Administration, Creativity and innovation, Leadership, Project, management)
  - **Career development** (Entrepreneurship, Career planning, Job search, Networking, Personal branding, Skills identification)
  - **Teaching** (Teaching assistantship, Teaching methods, Teaching technology)
  - **Language training** (French competency, English competency)
  - **Communication** (Academic writing, Professional writing, Presenting, etc.)
  - ….

Help Available at CME department

Academic questions	• GPD • Department Chair
Administrative questions	• Programs Coordinator, Antonios Daskalakis • Department Administrator, Erica Howse
Lab safety questions	• Technical supervisor, Harriet Laryea • Chemical Laboratory Technician, Kerri Warbanski, • EHS staff

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Wish you best success in your study at CME

CME Non-thesis Graduate Programs

CME Graduate Student Orientation
Summer 2024

Deniz Erol, Graduate Program Director, Non-thesis Programs

Graduate Certificate in Chemical Engineering

General requirements:

Certificate program consists of completing a minimum of **15 credits** of course work.

Course requirements: 4 courses

- CHME 6011 – Advanced Transport Phenomena (4 credits)
- ENCS 6021 – Engineering Analysis (4 credits)
- One of the following courses:
  - CHME 6021 Advanced Chemical Engineering Thermodynamics (4 credits)
  - CHME 6031 Chemical Kinetics and Reaction Engineering (4 credits)
- One technical elective course (min. 3 credits, max. 4 credits):
  - You can choose courses from the following list, or any course offered in the Diploma or Master of Applied Science (MASc) programs that are not currently included in the core course list of the Certificate program.

Graduate Certificate in Chemical Engineering

A list of elective courses:

- CHME 6061 – Advanced Biochemical Engineering (4 credits)
- CHME 6081 – Advanced Separation Processes (4 credits)
- CHME 6091 – Statistics for Chemical Engineering (4 credits)
- CHME 6101 – Advanced Battery Materials and Technologies (4 credits)
- CHME 6111 – Polymer Chemistry and Engineering (4 credits)
- CHME 6131 – Advanced Colloid and Interface Science and Engineering (4 credits)
- CHME 6911 – Topics in Chemical Engineering I (4 credits)
- ENCS 6111 – Numerical Methods (4 credits)
- ENGR 6201 – Fluid Mechanics (4 credits)
- MECH 6131 – Conduction and Radiation Heat Transfer (4 credits)
- MECH 6141 – Heat Exchanger Design (4 credits)
- MECH 7101 – Convection Heat Transfer (4 credits)

Graduate Certificate in Chemical Engineering

Course Plan for Students Starting in Summer:

Recommended

Summer 2024:

- ENCS 6021: Engineering Analysis (4 cr)

Fall 2024:

- CHME 6021 Advanced Chemical Engineering Thermodynamics (4 cr)
- Technical elective

Winter 2025:

- CHME 6011 – Advanced Transport Phenomena (4 cr)

Alternative

Summer 2024:

- Technical elective

Fall 2024:

- ENCS 6021: Engineering Analysis (4 cr)

Winter 2025:

- CHME 6011 – Advanced Transport Phenomena (4 cr)
- CHME 6031 Chemical Kinetics and Reaction Engineering (4 cr)

Graduate Certificate in Chemical Engineering

Additional requirements: Attendance at 80% of the CME departmental seminar series. Attendance is taken with a sign-in sheet. The schedule of the seminars is communicated by email.

Students can transfer their course credits from the Graduate Certificate to Graduate Diploma program.

If you wish to transfer, talk to your GPD and refer to the Graduate Student Handbook for the transfer process.

Graduate Diploma in Chemical Engineering

General requirements:

- Diploma program consists of completing a minimum of **30 credits** of course work.

Course requirements: 8 courses

- CHME 6011 – Advanced Transport Phenomena (4 credits)
- CHME 6021 – Advanced Chemical Engineering Thermodynamics (4 credits)
- CHME 6031 – Chemical Kinetics and Reaction Engineering (4 credits)
- ENCS 6021 – Engineering Analysis (4 credits)
- One of the following courses:
  - CHME 6041 – Chemical Engineering Process Dynamics and Control (4 credits)
  - CHME 6051 – Chemical Process Engineering and Design (4 credits)
- 3 electives:
  - 2 technical electives, at least one materials course
  - At least one complementary course

Graduate Diploma in Chemical Engineering

For a list of technical elective and complementary courses, refer to the Graduate Student Handbook.

For advice on course selection, please contact Deniz Erol, deniz.erol@concordia.ca

Additional requirements: Attendance at 80% of the CME departmental seminar series. Attendance is taken with a sign-in sheet. The schedule of the seminars is communicated by email.

Graduate Diploma in Chemical Engineering

Recommended Course Plan for Students Starting in Summer:

Summer 2024:

- Technical elective
- Complementary course
- Alternatively, you can take ENCS 6021 – Engineering Analysis (4 cr)

Fall 2024:

- ENCS 6021 – Engineering Analysis (4 cr), if you took this before you can take a technical elective
- CHME 6021 – Advanced Chemical Engineering Thermodynamics (4 cr)
- CHME 6051 – Chemical Process Engineering or Design (4 cr) or Technical elective

Winter 2025:

- CHME 6011 – Advanced Transport Phenomena (4 cr)
- CHME 6031 – Chemical Kinetics and Reaction Engineering (4 cr)
- CHME 6041 – Chemical Engineering Process Dynamics and Control (4 cr)

Graduate Diploma in Chemical Engineering

Additional requirement: 80% attendance to seminars.

Students can transfer up to 12 credits from the Graduate Diploma to the Master of Applied Science (MASc) program.

Please note that securing a supervisor is required for admission to the MASc program. Refer to the Graduate Student Handbook for the transfer process.

Important for all students:

- **Most courses are offered once a year.**
- **Minimum pass grade is B-.**
- **One C rule, no F. If you think you might fail and it is too late in the semester, DISC the course. Check DISC deadlines (before finals start).**
- **To have a full-time student status in any semester, you should be taking 9 or more credits of course work.**

CONCORDIA UNIVERSITY

External funding opportunities for Graduate Students

in Research-based programs

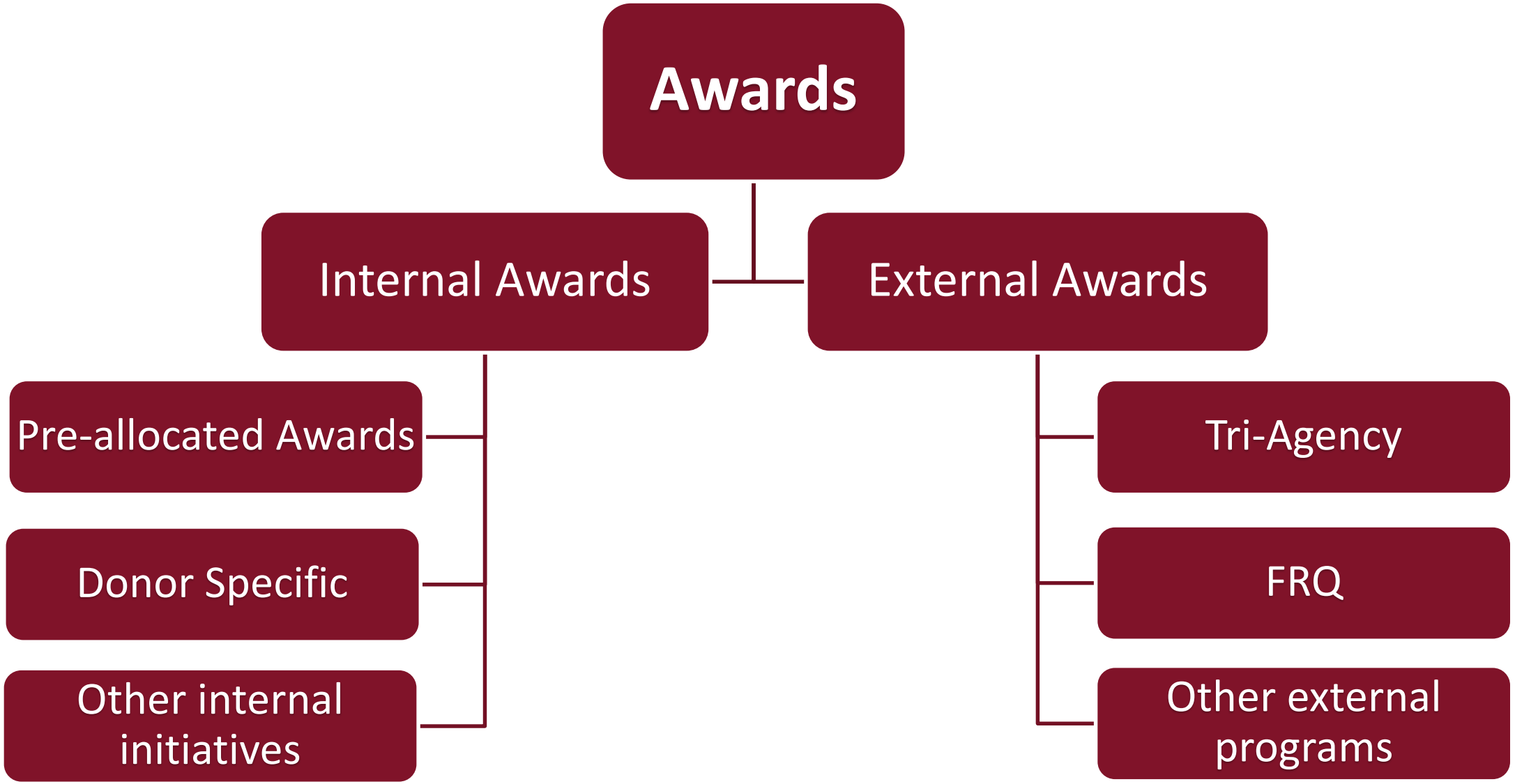
CME Graduate Student Orientation

May 8, 2024

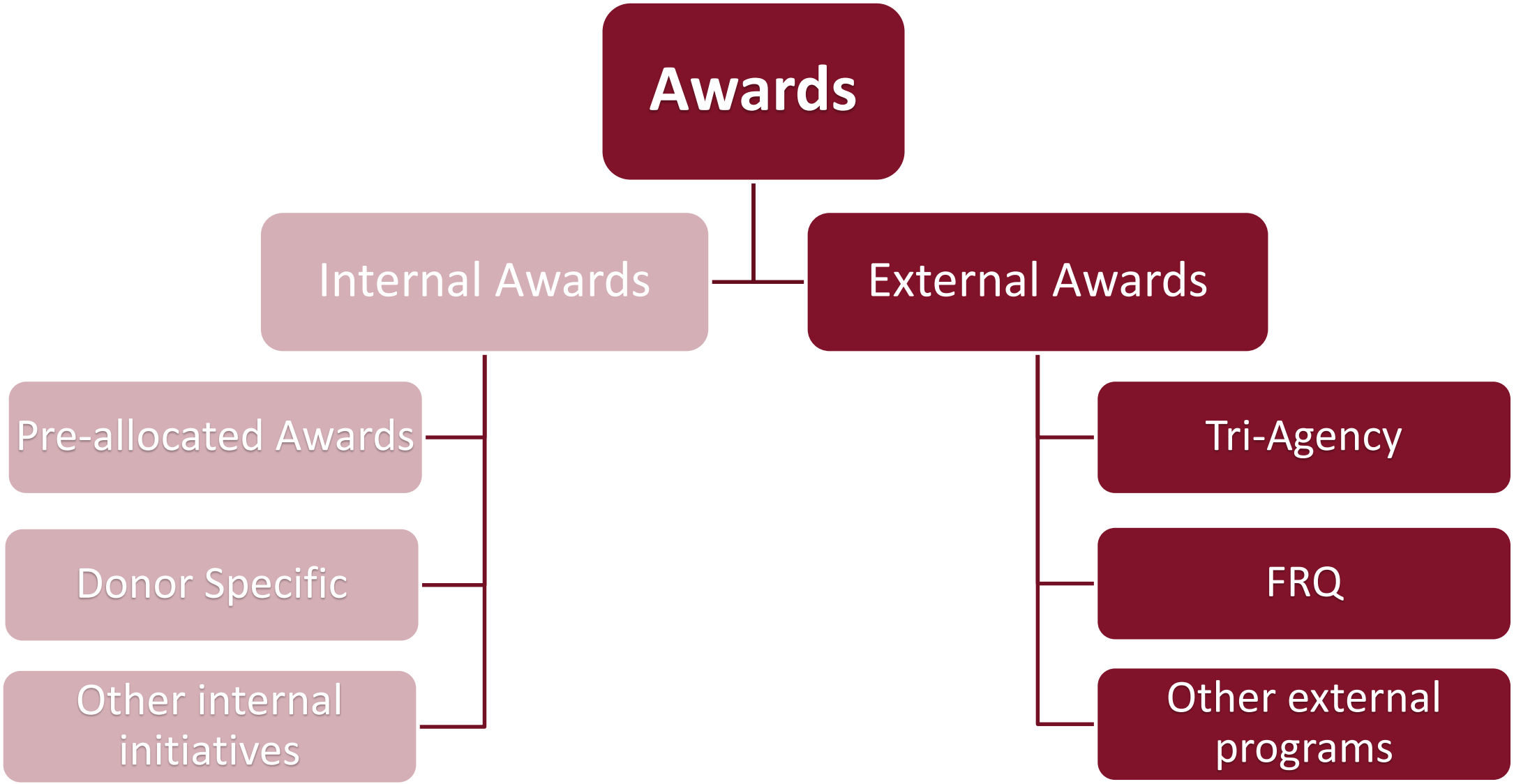
Cecilia Kramar, PhD
Advisor, Fellowship Application Development
School of Graduate Studies
cecilia.kramar@concordia.ca

CONCORDIA

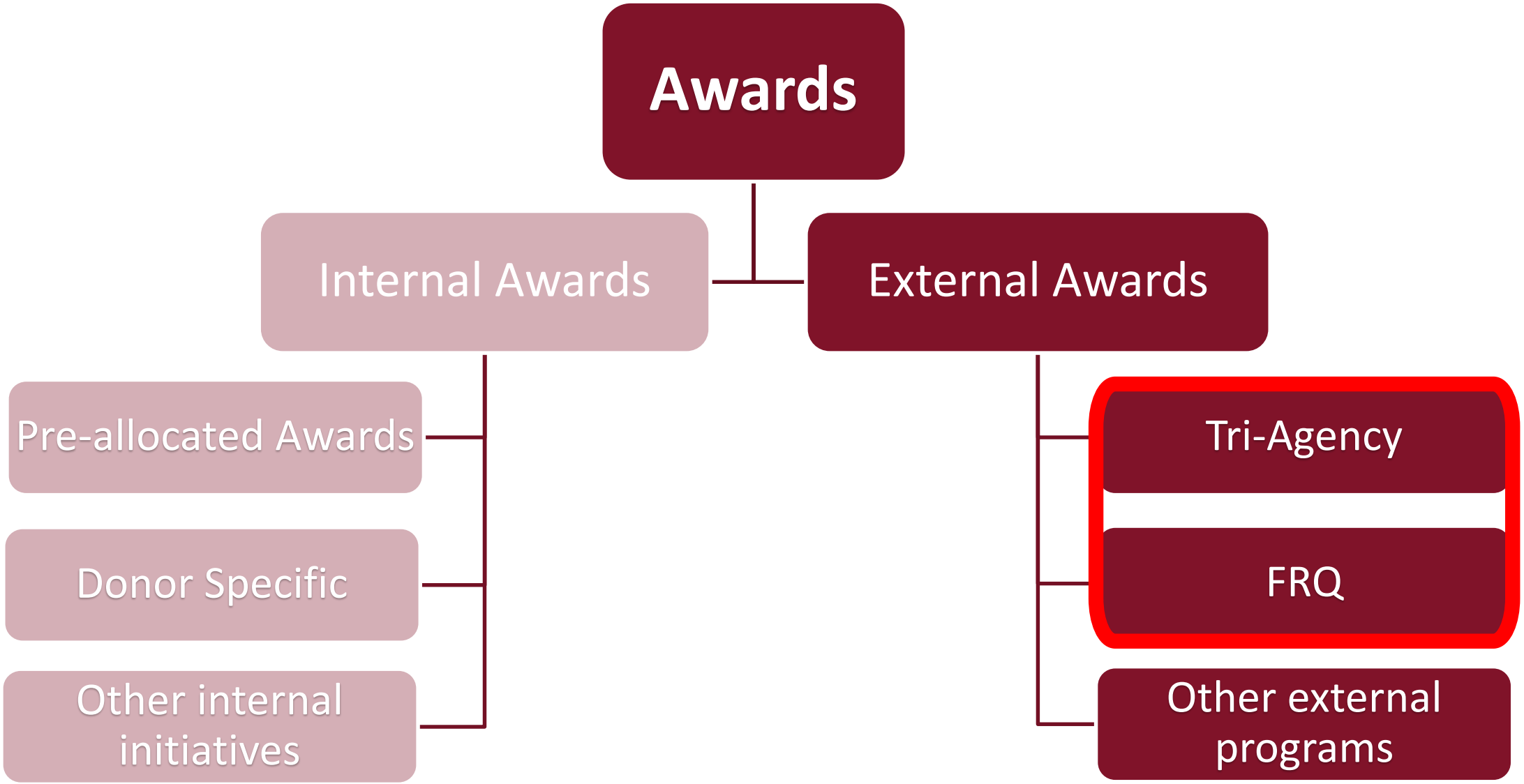
Overview of Awards



Overview of Awards



Overview of Awards



External Awards for research-based programs

Funding Agencies

Federal (Tri-Agency)	Provincial (Fonds de recherche du Québec)
Social Sciences and Humanities Research Council https://www.sshrc.ca **SSHRC**	Fonds de recherche du Québec – **Société et culture** https://frq.gouv.qc.ca/en/scholarships-and-grants/ **FRQSC**
Natural Sciences and Engineering Research Council of Canada https://www.nserc.ca/ **NSERC**	Fonds de recherche du Québec – **Nature et technologies** https://frq.gouv.qc.ca/en/scholarships-and-grants/ **FRQNT**
Canadian Institutes of **Health** Research https://www.cihr.ca **CIHR**	Fonds de Recherche du Québec – **Santé** https://frq.gouv.qc.ca/en/scholarships-and-grants/ **FRQS**

School of Graduate Studies: Special Entrance Award ($6000/Master's, $10,000/Doctorate) - No need to apply

Tri-Agency Awards

Canada Graduate Scholarships – Masters (CGS M)

Open to Canadian citizens, permanent residents, and protected persons

Programs:

- NSERC Master's
- SSHRC Master's
- CIHR Master's

•Value: $17,500/year for 1 year (non-renewable) – *possible budget 2024 update to $27,000*

•Not portable: Must be held at Concordia University but can be held in any program within that research-mandate.

•**Application deadline**: December 1

Tri-Agency Awards

Doctoral Scholarships

Open to Canadian citizens, permanent residents

Agency-specific programs:

SSHRC Doctoral Fellowships $20,000/year, up to 3 years
NSERC Postgraduate Scholarships (PGS D) $21,000/year, up to 3 years
CIHR Canada Graduate Scholarships (CGS D) $35,000/year, up to 3 years

Canada Graduate Scholarships (CGS D):

CGS D awards are offered for the top-ranked eligible applications in each agency's competition
$35,000/year, up to 3 year

Possible budget 2024 update to a harmonized $40,000 for all Agencies

Application deadlines: mid-October

Tri-Agency Awards

Vanier CGS - Doctoral

The Vanier CGS program aims to attract and retain **world-class doctoral students** by supporting students who demonstrate both **leadership skills** and a high standard of **scholarly achievement** in graduate studies in the social sciences and humanities, natural sciences and/or engineering, and health.

Up to 166 scholarships awarded each year (55-56 per agency)

$50,000/year for up to 3 years (non-renewable)

Open to all citizenship: Canadian citizens/Permanent residents of Canada/Foreign citizens

Pre-selection Competition in universities

<u>If you are interested in Vanier, the first step for you would be to contact your supervisor or graduate program director/assistance to inquiry about the nomination process</u>

FRQ: Details in brief

Open to Canadian citizens, permanent residents, protected persons and International students (submitted to the program or with a letter of support from a future supervisor)

FRQNT	FRQSC	FRQS

Master's

$20,000/year, up to 2 years

Doctoral

$25,000/year, maximum 12 semesters

Deadline Dates: mid-October

Concurrent funding: Partial concurrent funding may be possible when receiving an FRQ scholarship

FRQ: Details in brief

Programmes de bourses d'excellence pour étudiants étrangers (PBEEE) for International Students

- Candidates from all disciplines are eligible to submit an application through their departments
- Master's: $20,000 per year for up to two years
- Doctoral: $25,000 per year for up to three years
- Pre-selection process at Concordia (contact your department!)
  - July 31

Selection criteria

Each competition has a different Selection criteria. Please review them!
GPA is usually one of them (and in some cases very strict)

Academic Excellence	• As demonstrated by past **academic results**, **transcripts**, **awards** and **distinctions**.
Research Potential	• As demonstrated by the applicant's **research** history, their **interest in discovery**, the **proposed research**, its potential **contribution** to the **advancement of knowledge** in the field, and any anticipated outcomes. Reference letters
Personal Characteristics and Interpersonal Skills	• As demonstrated by the applicant's past **professional** and relevant **extracurricular interactions** and **collaborations**. Reference letters.

Estimated funding timeline

July to August

Detailed instructions posted to agency websites

August to September

GradProSkills information sessions and workshops available

September to December

Applications due

December to March

Applications reviewed

April to June

Results announced

- Start at least 6-8 weeks before submission deadline
- **Allow at least 4-6 weeks for reference letters**
- If institutional pre-selection or nomination is required (e.g. Vanier, PBEEE), internal deadlines at Concordia can be weeks or months ahead of the agency deadlines

Estimated funding timeline

July to August

Detailed instructions posted to agency websites

August to September

GradProSkills information sessions and workshops available

September to December

Applications due

December to March

Applications reviewed

April to June

Results announced

- All the information presented here is from the Fall 2023 competition
- Updated information will be posted on each Agency website during the summer
- Regularly check the School of Graduate Studies website for updates! (AND the Agency's websites)

Award Workshops/Presentations

Month	Date	Awards office *via* GradProSkill Workshop series
June	4	Developing a competitive scholarship application: General strategies and tips (all disciplines)
	11	Applying to Vanier Doctoral Scholarship (all disciplines)
	19	Funding Opportunities for Graduate Students in a Research program
	25	External funding opportunities for International Graduate students in a Research-based program
July	9	Funding-related research proposals in the natural sciences, engineering, and health (NSERC/FRQNT & CIHR/FRQS)
	10	Funding-related research proposals in the social sciences and humanities (SSHRC/FRQSC)
August	6	Natural sciences, engineering, and health (NSERC/FRQNT & CIHR/FRQS): Developing of your Master's/Doctoral scholarship application
	7	Social sciences and humanities (SSHRC/FRQSC): Developing your Master's/Doctoral scholarship application
	21	Writing a personal statement for funding opportunities
September	TBD	Info session - Funding Opportunities for Graduate Students in a Research program
	10	Improving your research funding application - Peer review exercises (NSERC/FRQNT & CIHR/FRQS)
	11	Improving your research funding application - Peer review exercises (SSHRC/FRQSC)

The Graduate Awards Office @ SGS

One-on-one meetings with our group of Advisors

- **Katherine Belloso**, *External Awards Advisor*
  - General information about awards
  - katherine.belloso@concordia.ca

- **Cecilia Kramar**, *Advisor, Fellowship Development Application*
  - Reviewing and improving your application
  - Providing as many tools as possible for your success!
  - cecilia.kramar@concordia.ca

The Graduate Awards Office - Who we are

- **Mamoun Medraj,** Associate Dean Recruitment and Awards
  Email: Mamoun.Medraj@concordia.ca

- **Cynthia Raso**, Manager, Graduate Awards and Postdoctoral Studies
  Email: Cynthia.Raso@concordia.ca

- **Katherine Belloso**, External Awards Advisor
  Email: Katherine.belloso@concordia.ca

- **Jordan Carey**, Internal Awards Coordinator
  Email: Jordan.Carey@concordia.ca

- **Cecilia Kramar**, Fellowship Development Application Advisor
  Email: Cecilia.Kramar@concordia.ca

Questions?

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CONCORDIA

GradProSkills

Alia Nurmohamed

GradProSkills Workshop Facilitator

CONCORDIA
GradProSkills

STATEMENT OF PURPOSE

GradProSkills

Empowering Concordia graduate students and postdoctoral fellows to engage with community resources, optimize their graduate school experience and equip themselves to achieve their professional, personal, and academic goals.

GradProSkills
OFFERINGS

WORKSHOPS
More than 300 free workshops per year

EVENTS
3MT/MT180, Thesis Boost, Meet & Write

CERTIFICATES
Record of participation and certificates

OPPORTUNITIES
Work opportunities

CONCORDIA

GradProSkills

Empowering graduate students to achieve their professional academic goals

SKILL DOMAINS

Career development

Language training

Graduate academic success

Teaching

Communication

Leadership & management

Digital, media & information

Wellness & life balance

Stay up-to-date!

Website
concordia.ca/gradproskills

Newsletter
Out every other Thursday!

E-mail
gradproskills@concordia.ca

Scan to visit our website!

ECSGA

ENGINEERING AND COMPUTER SCIENCE GRADUATE ASSOCIATION

CONCORDIA UNIVERSITY

ECSGA

Our Mission

The mission of ECSGA is to optimally, responsibly, and efficiently serve its members.

Our Vision

Our vision is to lead the way in shaping a dynamic and visionary graduate student community within the fields of engineering and computer science.

WHAT WE DO?

- Represent the collective interests and promote the general welfare of the graduate students in the ENCS Faculty.
- Represent graduate students on various boards, councils, and committees in the ENCS Faculty and at Concordia University and to promote their interests in accordance with the Accreditation Act.
- Promote the educational, social, recreational, and cultural interests of its members.
- Co-operate with other organizations having similar interests in promoting student activities and interests.
- Consider and support activities which enhance the quality of life for students of Concordia University.

THE TEAM...

Consists of 10 members and categorized into 2 divisions.

Executive team(4)

- President
- Vice president - Internal
- Vice president - External
- Vice president - Finance

Department Representatives(6)

- Building, Civil and Environmental Engineering (BCEE)
- Mechanical, Industrial and Aerospace Engineering (MIAE)
- Concordia Institute for Information Systems Engineering (CIISE)
- Chemical and Materials Engineering (CME)
- Computer Science and Software Engineering (CSSE)
- Electrical and Computer Engineering (ECE)

EXECUTIVE TEAM

Vice-President Internal

Dhruti Thakkar

Vice-President Finance

Venkatesh Mann

President

Siva Kumar Darapu

Vice-President External

Asif Mustaf Inayatullah

DEPARTMENT REPRESENTATIVES

CSSE

Pankaj Deep Sahota

ECE

Swathi Nagarajan

BCEE

Sripadha Vallabha Chebiyyam

MIAE

Vigneshwaram Senthamil Arasu

CIISE

Sai Krishna Komatlapalli

CME

Golnoosh Malekiardebili

TECHNICAL SESSIONS

DR's exclusive work on screening and hiring Subject or Industrial experts for technical sessions. so far we have conducted some technical sessions on behalf of ECSGA. The following is the breakdown of sessions from each department

BCEE

CAPM certification Route Map

BCEE Career Webinar and guidance

CME

2- Informative sessions on experience in oil and gas industry

MIAE

Informative session on full time jobs for MIAE dept

ECE & CSSE & CIISE- Sessions conducted by the respective DR's will be common for all the ENCS students

Data Analyst Road Map-

Cyber security Certifications Over view and their importance

Some Internal Events Done

Power BI workshop

- Two-day workshop on data analysis and visualization skills
- Included comprehensive training materials, access to software and completion certificate

Case Study Competition

- Competition among all engineering departments
- Discussion on hot topics
- Enhancing teamwork and sharing knowledge

Student Internship Success

- Career connect and guidance with students who have secured internships
- Discovering strategies and answering questions with experienced peers

Meet & Greet

- Fall and winter editions with alumni and student peer advisors
- Chance to connect with other new students

Some external events done

Mission Impossible movie night

- First day premier of the movie
- Subsidized tickets for Concordia graduate students

Festival of colors: Holi

- Celebrated this traditional event with students of all backgrounds

Explore Montreal

- Offered a unique opportunity to connect with the beauty and wonders of nature
- Attractions included:
  Botanical garden
  Planetarium
  Biodome

Ice hotel trip

- One day trip to Quebec city for winter midterm break
- Visited ice hotel + winter sport activities

La Ronde

- Subsidized one-day pass were given to students
- Guest ticket option was also given considering the family and friends of our students
- 900+ tickets were issued on the whole

Night with no lights

- Celebrated new year and also start of new winter semester

NEXT EVENT

Networking event

Orientation and University Resources: Informative orientation session where you'll learn about the rich academic resources that the university has to offer.

Academic Pathways: Our experienced Student Peer Advisors will guide you through the diverse course offerings, explain how you can choose your courses, and provide insights on selecting the right courses to align with your career goals.

Peer Interaction: Connect with your fellow graduate students.

Fun Activities: Enjoy a variety of fun activities, games, to help you relax, unwind, and have a great time.

More specific information, exact date and time will be sent out upon finalization of event.

Thank you all, for your time and patience!
Stay tuned with ECSGA.

Feel free to reach out to us at:

Website: concordiaecsga.ca

Address: Concordia University, 2170, Basement. MU 101, Behind Hall Building on Bishop Street, Montreal, QC

Email: info@concordiaecsga.ca, cme@concordiaecsga.ca

Phone Number: 514-848-2424 ext. 8604

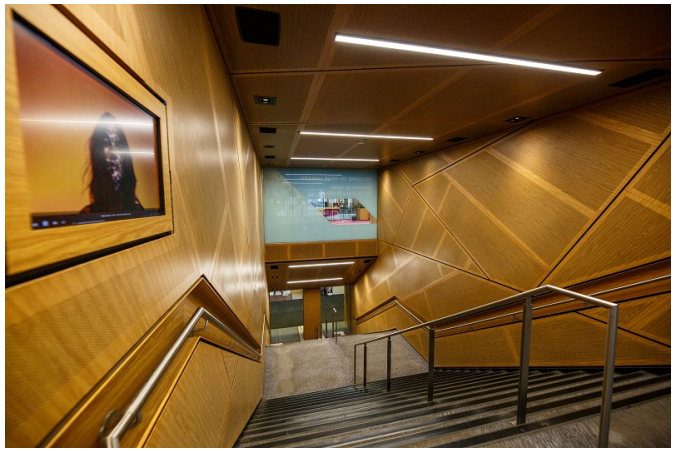
Welcome to Your Library!

Chemical and Materials Engineering Graduate Orientation

Chloe Lei
Teaching & Research Librarian, Engineering & Computer Science
chloe.lei@concordia.ca

CONCORDIA

Library Spaces

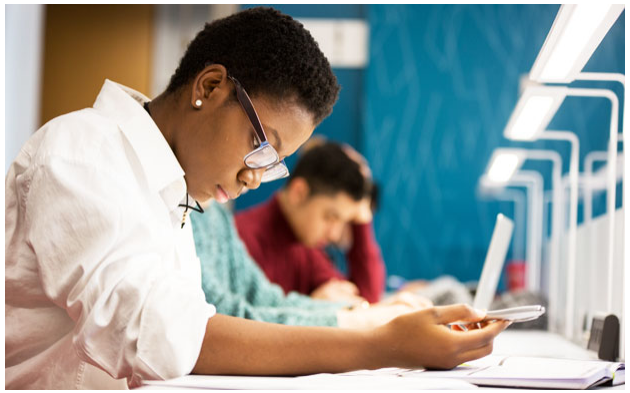


Webster (SGW)

Grey Nuns Reading Room (SGW)

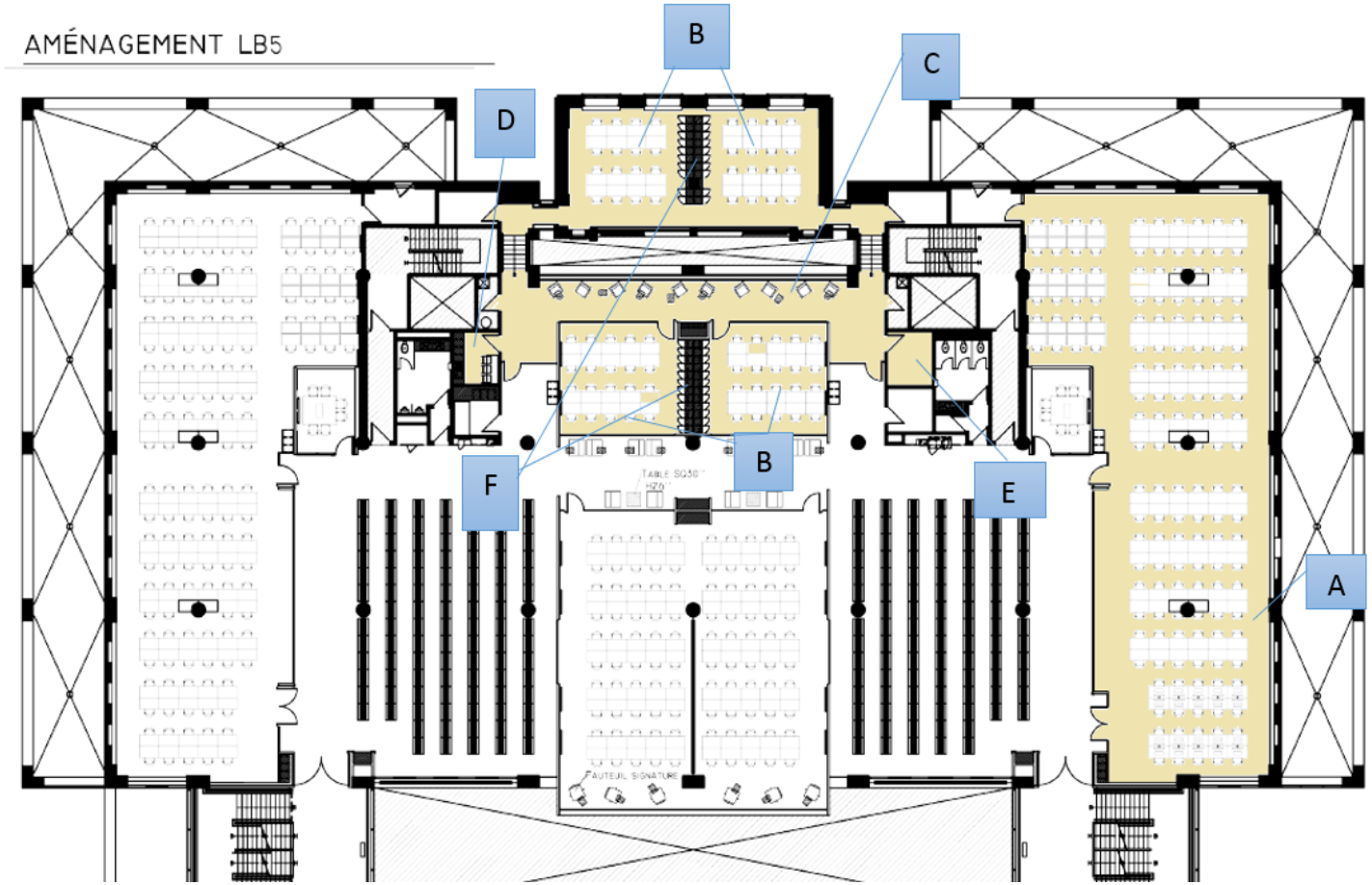
Vanier (LOY)

Webster Library (SGW)



Webster Library, Graduate spaces, 5th floor

A. Quiet reading room
B. Four dissertation writing rooms
C. Lounge
D. Kitchenette
E. Dedicated printer/copier/scanner
F. Lockers & Shelves



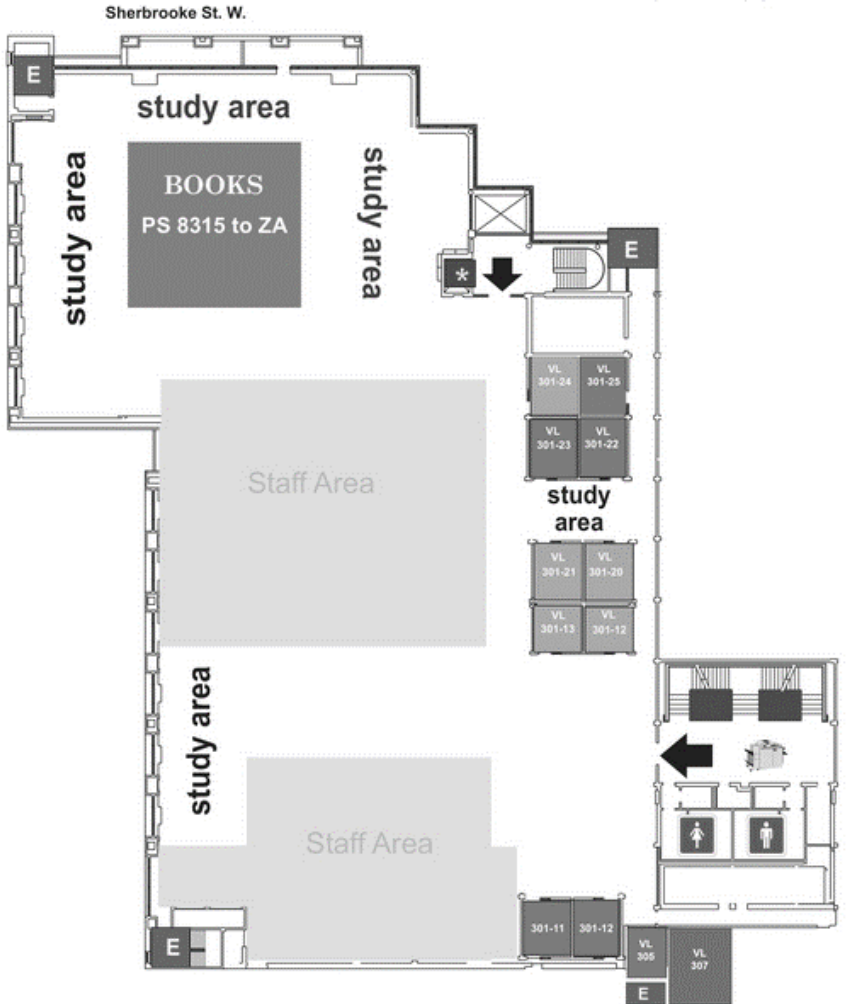
Vanier Library (LOY)

Vanier Library, Graduate spaces, 3rd floor

Obtain access codes when you arrive

A. Graduate study room (VL-307)
   - Assigned shelves

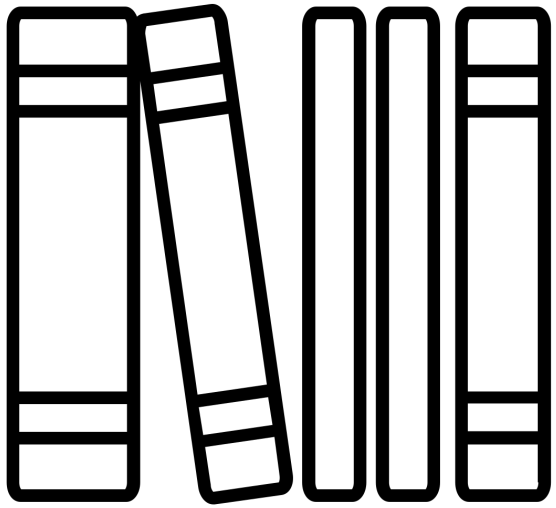
B. Graduate group study room (VL-305)



Your Concordia ID card is your Library card

How many items can you borrow?

Loan item limit	Hold item limit
100	50



Item type	Loan duration
Regular items	30 days (+ renewals)
Daily course reserves	1 day
3-hour course reserves	3 hours
Accessories (e.g. mobile chargers, headsets…)	1 day
Equipment (e.g. calculators, white board markers…)	1 day
Laptops	3 day
Tablets	3 days
Technology Sandbox items	7 - 14 days

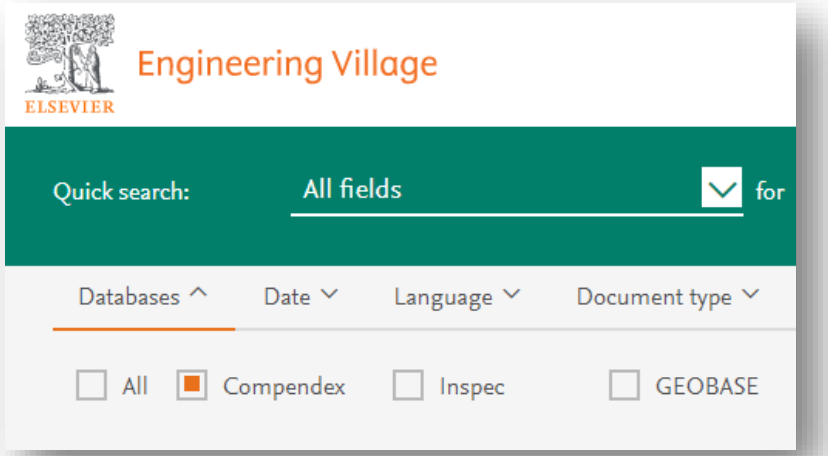
Technology & Equipment

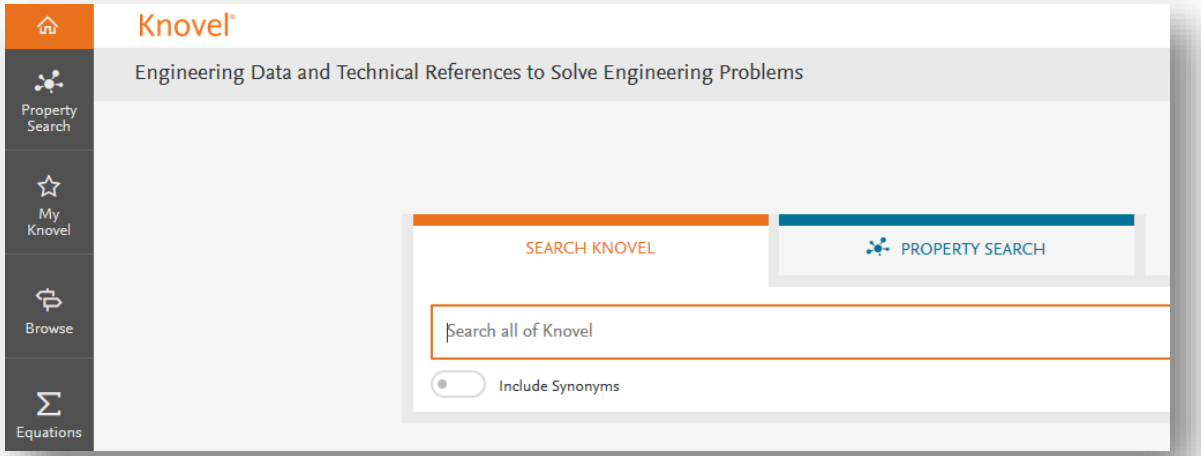
Technology Sandbox

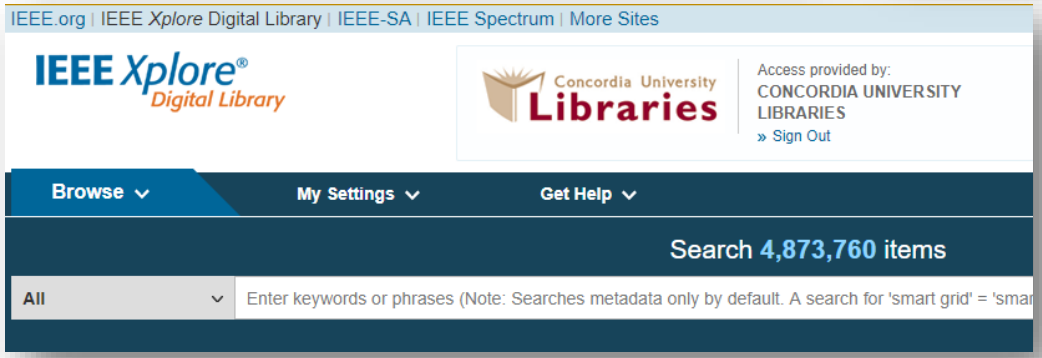
Off-campus access

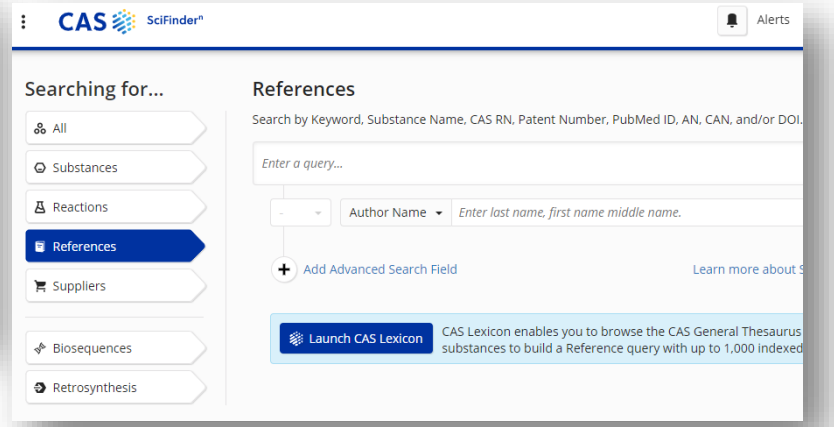
Best place to start searching

Digital Resources









Library guides and workshops

Library Research Skills Tutorial

Why take the tutorial? Here's what you'll learn

Advanced search skills: Learn how to find the appropriate information sources for university-level assignments.

Critical thinking skills: Learn how to analyze and evaluate these information sources.

Academic communication skills: Learn how to use the sources wisely in your assignments for academic success.

Library Research Skills Tutorial →

Subject and course guides

There are more than 50 subject guides created by librarians for departments and/or fields of study at Concordia. In each guide, you'll find recommended databases, search tips, instructions for finding materials in that subject area, and useful links.

Subject & course guides →

Informative workshops

GradProSkills: Library Skills & Resources →

Popular Library how-to guides

Citation guides
How to cite and write bibliographies in APA, MLA, Chicago, Turabian, etc.

Guides for finding...
Articles, books, newspapers, primary sources, statistics and data, videos, etc.

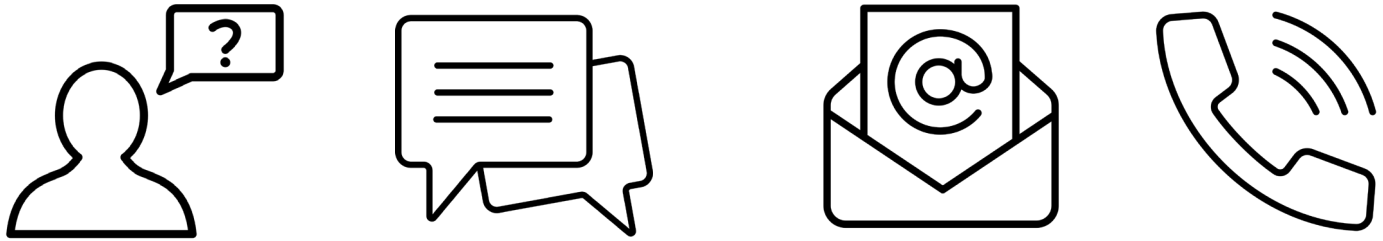
Guides for writing...
Annotated bibliography, literature review, research paper, etc.

All guides →

Ways to contact the library

1) Ask Us desk, chat, email or phone

FOR QUICK OR GENERAL QUESTIONS



2) Contact your subject librarian

FOR MORE IN-DEPTH CONSULTATIONS

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