

Faculty of Engineering & Computer Science

Admission Assessment Form: Graduate Studies Programmes

Concordia I.D. #
(Please leave blank if you don't have a student number.)

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Name: (please print) _____
Family name Given name

Immigration Status: Canadian or Landed Immigrant International Applicant

Degree Applying For: **Engineering** **Computer Science**

Graduate Certificate: **M.Eng.** **M.A.Sc.** **Ph.D.**

- | | | |
|---|---|--|
| <input type="checkbox"/> Building Engineering
<input type="checkbox"/> Environmental Engineering
<input type="checkbox"/> Mechanical Engineering
<input type="checkbox"/> Service Eng. & Network Mgmt
<input type="checkbox"/> 3D Graphics & Game Development | <input type="checkbox"/> Aerospace Engineering
<input type="checkbox"/> Building Engineering
<input type="checkbox"/> Civil Engineering
<input type="checkbox"/> Electrical & Computer Engineering
<input type="checkbox"/> Industrial Engineering
<input type="checkbox"/> Mechanical Engineering
<input type="checkbox"/> Software Engineering
<input type="checkbox"/> Quality Systems Engineering
<input type="checkbox"/> Information Systems Security
<input type="checkbox"/> Information and Systems Engineering | <input type="checkbox"/> Diploma Computer Science
<input type="checkbox"/> M.App.Comp.Sc. (Course Option)
<input type="checkbox"/> M.Comp.Sc. (Thesis Option)
<input type="checkbox"/> Ph.D. Computer Science |
|---|---|--|

Full-time Part-Time

Summary of Education :

Degree	Major Field	Years Attended
Institution		Country
Class/Division (if applicable)	Cumulative Average	Proof of Degree Attached (Diploma) <input type="checkbox"/> Yes <input type="checkbox"/> No
Degree	Major Field	Years Attended
Institution		Country
Class/Division (if applicable)	Cumulative Average	Proof of Degree Attached (Diploma) <input type="checkbox"/> Yes <input type="checkbox"/> No
Degree	Major Field	Years Attended
Institution		Country
Class/Division (if applicable)	Cumulative Average	Proof of Degree Attached (Diploma) <input type="checkbox"/> Yes <input type="checkbox"/> No

Office Use Only	CITIZENSHIP	DOCUMENTS
<input type="checkbox"/> Canadian <input type="checkbox"/> Student Visa <input type="checkbox"/> Permanent Resident	Documentation <input type="checkbox"/> Proven <input type="checkbox"/> Fellowship Request <input type="checkbox"/> Not proven	Reference Letters 1 2 3 4 5 <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/> <input type="checkbox"/>
		Application <input type="checkbox"/> Page 1 <input type="checkbox"/> Page 3 <input type="checkbox"/> Page 2 <input type="checkbox"/> Signature

Area of Interest:

(List in order of preference)

1st

2nd

3rd

1. BUILDING ENGINEERING

- 1.01 Building Envelope Performance
- 1.02 Building Environment (Acoustics, Illumination, Air Quality, Thermal Comfort)
- 1.03 Mechanical Systems and Control
- 1.04 Energy Efficiency in Buildings
- 1.05 Wind Effects on Building
- 1.06 Solar Energy Systems for Buildings
- 1.07 Construction Engineering and Management
- 1.08 Building Structures

2. CIVIL AND ENVIRONMENTAL ENGINEERING

- 2.01 Structural, Structural Dynamics, and Earthquake Engineering
- 2.02 Hydraulics, Environmental Hydraulics, and Water Resources
- 2.03 Environmental Engineering
- 2.04 Geotechnical and Foundation Engineering
- 2.05 Transportation, Civil Systems, and Bridge Engineering
- 2.06 Infrastructure Durability and Health Monitoring Systems
- 2.07 Infrastructure and Asset Management

3. COMPUTER SCIENCE

- 3.01 Algorithms
- 3.02 Artificial Intelligence and Natural Language Processing
- 3.03 Bioinformatics
- 3.04 Combinatorial Optimization
- 3.05 Computer Graphics and Visualization
- 3.06 Databases, Data Warehouses and Knowledge Base Systems
- 3.07 Data and Text Mining
- 3.08 Networks : Wired, Mobile and Wireless
- 3.09 Numerical and Scientific Computing
- 3.10 Parallel and Distributed Computing
- 3.11 Pattern Recognition, Image Processing and Computer Vision
- 3.12 Semantic Web
- 3.13 Service Computing
- 3.14 Software Engineering
- 3.15 Symbolic and Algebraic Computation

4. ELECTRICAL AND COMPUTER ENGINEERING

- 4.01 Telecommunications
- 4.02 VLSI (Analog, Digital)
- 4.03 Systems and Control
- 4.04 Micro/Nano/Electron Devices
- 4.05 X-ray Sensors/ Solar Cells
- 4.06 Photonics/Fiber Optics Communications

- 4.07 Real Time/Fault Tolerant Systems
- 4.08 Communications Protocols/Software Engineering
- 4.09 Signal Processing
- 4.10 Power Electronics and Systems
- 4.11 Computer Engineering
- 4.12 Electromagnetics
- 4.13 Pattern Recognition/Artificial Intelligence

5. MECHANICAL ENGINEERING

- 5.01 Aerospace
- 5.02 Avionics and Flight Control
- 5.03 Biomedical Engineering
- 5.04 Control Systems and Mechatronics
- 5.05 Design and Manufacturing
- 5.06 Materials Science and Composites
- 5.07 Micro and Nano Systems
- 5.08 Renewable Energy
- 5.09 Thermo-fluid and Propulsion
- 5.10 Vibrations and Vehicle Systems

6. INDUSTRIAL ENGINEERING

- 6.01 Human Factors and Safety
- 6.02 Lean Manufacturing
- 6.03 Operations Research and Quality Management
- 6.04 Production and Inventory Systems
- 6.05 Supply Chain Management

7. CONCORDIA INSTITUTE FOR INFORMATION SYSTEMS ENGINEERING (CIISE)

- 7.01 Information Systems
- 7.02 Systems Engineering
- 7.03 Quality Systems Engineering
- 7.04 Information Systems Security and Privacy
- 7.05 Telecommunication Systems and Network Optimization
- 7.06 Service Engineering
- 7.07 Computer Vision and Graphics
- 7.08 Cyber Forensics
- 7.09 Teleinformatics and Infrastructure Management
- 7.10 Logistics and Supply Chain Management
- 7.11 Systems Design and Cognitive Systems
- 7.12 Intelligent Transportation Systems and Transportation Safety
- 7.13 Systems Reliability
- 7.14 Privacy-Preserving Data Mining
- 7.15 Multi-Agent Systems

Financial Assistance:

Note : Only applicants for the M.A.Sc., M. Comp. Sci or Ph.D. may request financial assistance.

- I am not requesting financial assistance from Concordia University.
- I would be able to complete my graduate program without financial assistance from Concordia University, however, I do request to be considered for such assistance.
- I would be able to enter a graduate program only if I receive financial assistance from Concordia University. I understand that my inquiry will be processed further only if there is some possibility of receiving financial support in my chosen area of research, and that eventual admission will depend both on the academic quality of my dossier and the possibility of an offer of financial assistance being made. The approximate amount I would need per year is:
- \$8,000 -\$10,000 \$10,001- \$12,000 \$12,001-\$15,000 \$15,001-\$18,000

Upload to File**Return in Person to:**

Graduate Admissions Service Counter (GASC)
Birks Service Centre, LB 185
1400 de Maisonneuve Blvd. W., Montreal
Hours: Mon. to Thurs. 10:00 a.m. to 7:00 p.m.
Friday 9:00 a.m. to 6:00 p.m.*
(*subject to change during the summer)

By Mail to:

Concordia University
Graduate Admissions Application Centre
P.O. Box 2002, Station H
Montreal, Quebec, Canada
H3G 2V4