



**POWERING THE
DIGITAL AGE**

COMPUTER SCIENCE

Home of the first computer science faculty in Canada, UNB has a long-standing, well-respected computer science graduate program. Our faculty has ~\$10 million in research funding and more than 20 laboratories, with one research centre: the IBM Centre for Advanced Studies – Atlantic and one institute: the Canadian Institute for Cybersecurity.

Students learn from nationally- and internationally-renowned faculty, becoming expert computer scientists themselves. Our graduates go on to work at global companies such as IBM, Ciena, Alcatel-Lucent and Ernst & Young, as well as successful careers in academia.

RESEARCH AREAS

- Artificial Intelligence
- Bioinformatics & Computational Science
- Cloud Computing
- Cybersecurity & Privacy
- Data Management, Analytics & Mining
- Embedded Systems
- High Performance Computing
- Human-Computer Interaction
- Natural Language Processing
- Networking, Data Communications & Wireless

DEGREES OFFERED

MCS, MCSC, PhD

APPLICATION DEADLINE

Jan. 5

(early fall application

MCS & PhD only),

Feb. 28 fall,

May 31 winter

STUDY OPTIONS

Thesis (MCS, PhD)

Report (MCS)

Coursework (MCSC)

Co-op (MCS, MCSC)

DURATION

1-2 years (Master's)

4 years (PhD)

ENTRY TERMS

Fall, Winter, Summer
(MCSC - Fall only)

- Optimization & Algorithmics
- Software Engineering
- Systems Architecture

APPLICATION REQUIREMENTS

- All applicants are expected to submit:
 - Official transcripts and degree confirmation
 - Three letters of recommendation (at least two academic)
 - Graduate application fee
- Master's applicants must have:
 - An undergraduate degree in computer science (or a related discipline) from a recognized university
 - Minimum cumulative GPA of B for the MCS by coursework program, B+ for the MCS by thesis/report program
 - A computer science background in: software engineering, data structures, operating systems, algorithms and computer architecture
- PhD applicants must have:
 - A research-based master's degree in computer science (or a related discipline) with first class standing from a recognized university
 - Secured research supervision with UNB faculty prior to applying
- International applicants whose first language is not English must submit language scores that meet or exceed:
 - IELTS = Band 7 (overall and written)
 - TOEFL iBT = 92 with 23 written



APPLY NOW

unb.ca/gradstudies/admissions



CONTACT US

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PHD CANDIDATE PANAGIOTIS PATROS PRESENTING AT THE ANNUAL COMPUTER SCIENCE RESEARCH EXPO.