



Algoma University Senate Meeting

Second Regular Meeting of 2024-25

Hybrid Meeting: CC201 (SSM), B-301 SCIE Centre (Brampton) &
Zoom October 4, 2024 1:00 - 3:00 p.m.

[Live Streaming via YouTube for Non-Senator Observers](#)

Agenda

1. CALL TO ORDER

2. APPROVAL OF THE AGENDA

Moved [/]: that the agenda for the October 4, 2024 meeting of the Senate be approved.

3. APPROVAL OF THE MINUTES.....5

Moved [/]: that the Algoma University Senate approve the minutes from the Senate meeting on September 13, 2024.

2024-10-04 - Senate - Draft Minutes September 13, 2024 .pdf.....5

4. PRESENTATIONS

4.1. Makwa Waakaa'igan Update

5. BUSINESS ARISING (for action or information)

5.1. Election of Senate Member on the Board of Governors

NOTE: a call for nominations will be made from the floor at the meeting.

Moved [/]: that the Algoma University Senate elect _____ to the Board of Governors for a term of office that shall not be more than three (3) years.

6. DECISION ITEMS (for action)

6.1. Senate Committee Membership Update.....12

Moved [/]: that the Algoma University Senate approve the changes to the Senate Committee membership effective September 17, 2024 as recommended by the Senate Executive Committee.

2024-10-04 - Senate - Senate Committee Membership Update.pdf.....12

6.2. Senate By-law Revisions.....16

Moved [/]: that the Algoma University Senate approve the revisions to the Senate by-laws as presented.

2024-10-04 - Senate - By-Laws-Revisions .pdf.....16

6.3. Curriculum Committee Recommendations

6.3.1. New Course Proposal: Cases in Management Science and Analytics....52

Moved [/]: that the Algoma University Senate approve the new course elective, ADMN 4047 (Cases in Management Science and Analytics) to the Finance, Economics, and Decision Sciences, Faculty of Business and Economics, as recommended by the Curriculum Committee.

2024-10-04 - Senate - New Course Proposal-Cases in Management Science and Analytics.pdf.....52

6.3.2. First Nation Social Policy and Community Development Certificate

Revisions - CESD Program.....66

Moved [/]: that the Algoma University Senate approve the proposed program revision, minor modification to the First Nation Social Policy and Community Development Certificate, which includes the addition of course options, as recommended by the Curriculum Committee (CURCOM).

2024-10-04 - Senate - First Nation Policy and Community Development

Certificate Revisions - CESD Program.pdf.....66

6.4. Quality Assurance Committee Recommendations

6.4.1. Role of Faculty Chairs in the Final Evaluation of Self Studies

Moved [/]: As recommended by the Quality Assurance Committee and by the Senate Executive Committee, that in the absence of, and until a formal determination is made on, the role and responsibilities of Faculty Chairs in cyclical program reviews, the Senate approve that the Deans shall be directed to determine a formal review process for all current cyclical program reviews.

6.5. Senate I-EDI Committee Recommendations

6.5.1. Addition of Graduate Student Member to Committee Composition.....73

Moved [/]: that the Algoma University Senate approve the expansion of the Senate I-EDI Committee composition to include one graduate student as recommended by the Senate I-EDI Committee.

2024-10-04 - Senate - Senate I-EDI Committee Membership Expansion.pdf....73

6.6. Adjunct Professor of Biology Nomination: Dr. Kenneth Lee.....75

Moved [/]: That the Algoma University Senate approve that Dr. Kenneth Lee be appointed as an Adjunct Professor in the Department of Biology for a period of three years beginning October 11, 2024.

2024-10-04 - Senate - Adjunct Professor of Biology Nomination: Dr. Kenneth Lee.pdf.....75

6.7. Adjunct Professor of Biology Nomination: Dr. Chris MacQuarrie.....129

Moved [/]: That the Algoma University Senate approve that Dr. Chris MacQuarrie be appointed as an Adjunct Professor in the Department of Biology for a period of three years beginning July 1 2024.

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6.8. Approval of Graduand List - Fall 2024 Convocation.....166

Moved [/]: that the Algoma University Senate admit to their respective degrees in-course the students as submitted who have completed all the requirements of their respective degrees and that diplomas for the degrees be awarded at the October 4, 2024 meeting of the University Senate for the conferring of degrees.

Moved [/]: that the Algoma University Senate approve the students as submitted who have completed the requirements of their respective honours diploma and that Honours Diplomas be awarded at the October 4, 2024 meeting of the University Senate for the conferring of certificates.

Moved [/]: that the Algoma University Senate approve the students as submitted who have completed the requirements of their respective graduate certificate and that graduate certificates be awarded at the October 4, 2024 meeting of the University Senate for the conferring of graduate certificates.

2024-10-04- Senate - Approval of Graduand List - 1 - Degree.pdf.....166

2024-10-04- Senate - Approval of Graduand List - 2 - Honours Diplomas.pdf.....	169
2024-10-04- Senate - Approval of Graduand List - 3 - Graduate Certificates.pdf....	170

7. INFORMATION ITEMS

7.1. Unity Partnership Presentation [November]

It is anticipated that a presentation will be made at the November Senate meeting.

7.2. Northern Ontario School of Medicine (NOSM) and Algoma University MOU [November/December]

It is anticipated that a presentation will be made at the November or December Senate meeting.

7.3. Council of Ontario Universities (COU) Academic Colleague Report.....198

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7.4. Reports of the Standing Committees

7.4.1. Academic Planning and Priorities Committee

7.4.2. Academic Regulations and Petitions Committee

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7.4.5. Curriculum Committee

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7.4.9. Senate Governance Committee

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8.3. President and Vice-Chancellor Report.....221

8.3.1. Enrolment Update

9. DISCUSSION AND QUESTION PERIOD

10. OTHER BUSINESS/NEW BUSINESS

11. ANNOUNCEMENTS

12. IN CAMERA SESSION

When the Senate declares a meeting or part of a meeting in camera, reasons for so declaring will be clearly stated by the Speaker of the Senate prior to moving in camera. Where the Senate has resolved to move in camera, the room shall be cleared except for all members of the Senate and individuals requested by the Speaker to stay for purposes of assisting the Senate with its deliberations.

Only members entitled to be present in camera meetings may be informed of the proceedings that transpire. Accordingly, items of business dealt with by the Senate in camera shall appear as appendices to the record and shall be recorded in a spate of minutes, available only to members of the Senate.

If any motions are passed in camera, upon returning to the open meeting, the Speaker will ask Senators for a motion to record the approval of those in camera motions in a manner that does not release confidential information

Moved [/]: that the Senate move in camera.

Moved [/]: to record the approval of any motions made in camera in a manner that does not release confidential information.

13. Adjournment

Moved [/]: to adjourn the Senate meeting.



Algoma University Senate

First Regular Meeting of 2024-25

1:00 p.m. on September 13, 2024, Hybrid Meeting

MINUTES

ATTENDANCE:

Faculty of Humanities and Social Science: L. Burnett, J.P. Chalykoff, K. DeLuca, D. Nyaga, A. Ridout, S. Lepage [PTF], T. Tchir, E. Turgeon,
[absent/regrets: D. Woodman]

Faculty of the School of Business and Economics: C. Denomme, A. Gordon, P. Matthews, B. Scholar-Chin, R. Xu
[absent/regrets: None.]

Faculty of Cross-Cultural Studies: N. Cameron, V. Jiménez-Estrada, S. Meades (Deputy Speaker), P. Steeves
[absent/regrets: None.]

Faculty of Science: S.Bhadra [PTF], T. Bruni, P. Dupuis, B. Schamp, D. Keough, N. Shaw (Speaker), C. Zhang, M. Yavuz-Muren
[absent/regrets: None.]

Faculty of Computer Science and Technology: M. Nasir, Z. Rahman, G. Townsend
[absent/regrets: None.]

Other Members: L. Bloomfield, L. Brechin, S. Kosuta, R. Mwaura, E. Nahwegezhic, M. Paul, D. Rogers, K. Scullion, T. Spurway, A. Vezina, Vidhi, M. Wabano-McKay, W. Wei, S. Xu
[absent/regrets: T. Kakapshe]

Guests: Dr. Michael Graydon, Mario Turco, Dr. Laura Wyper

Secretariat: S. Giuliani, S. Kelly, N. Ladouceur, P. Quesnele (Secretary)

24.09.00 CALL TO ORDER

The Senate Meeting was called to order at 1:01 pm

24.09.01 APPROVAL OF AGENDA

Moved [V. Jimenez-Estrada / R. Mwaura]: that the agenda for the September 13, 2024 meeting of the Senate be approved.

Carried.

Discussion: None.

24.09.02 APPROVAL OF MINUTES, from the meeting, June 7, 2024 [LINK]

Moved [L. Bloomfield / T. Spurway]: that the Algoma University Senate approve the minutes from the Senate meeting on June 7, 2024.

Carried with 10 abstentions.

Discussion: None.

24.09.03 APPROVAL OF MINUTES, from the meeting, August 28, 2024 [LINK]

Moved [G. Townsend / T. Spurway]: that the Algoma University Senate approve the minutes from the Senate meeting on August 28, 2024.

Carried with 4 abstentions.

Discussion:

- It was clarified that *in camera* minutes will be approved during the *in camera* session and that any discussion of the in camera minutes should occur in the in camera session.

24.09.04 PRESENTATIONS

24.09.04.01 Role of the Secretariat Office

Discussion:

- On the request of the Senate Executive Committee and as the Secretary of Senate, the University Secretary provided a presentation summarizing the role of the Office of the Secretariat. It was outlined in the presentation that the Secretariat Office is a neutral body that supports the Senate and Board of Governors in order to enhance decision making, support governing body composition, advance transparency, provide advice and develop and maintain compliance frameworks. The Secretary also provided an overview of his university governance experience and qualifications, as well as his experience within the post-secondary sector.

24.09.05 BUSINESS ARISING (for action or information) - N/A

24.09.06 DECISION ITEMS (for action)

24.09.06.01 Senate Proportional Representation - Addition of Faculty of Computer Science and Technology [LINK]

Moved [D. Nyaga / S. Xu]: that the Algoma University Senate approve the proportional representation of the Algoma University Senate, as amended, effective September 13, 2024, as recommended by the Senate Executive Committee as follows:

Total Senate Members: 49

Faculty Chair: 5 Senators

*Department Chairs (*Includes Directors of Schools): 16 Senators*

Full-time faculty members [at-large]: 7 Senators

Part-time teaching staff: 5 Senators

Non-teaching staff members: 7 Senators

Members by virtue of office: 9 Senators

Carried with 1 opposed.

Discussion:

- A Senator inquired if the Director of Computer Science and Technology position had been removed from the Senate membership in light of the establishment of the new faculty, to which it was confirmed that it was and the presented slate reflected the Faculty's structure.
- A Senator asked if, when making reference to a representative body of Senate, EDI was taken into account. This was confirmed.
- A Senator noted that within the Faculty of Computer Science and Technology that it was likely the Faculty Chair position and one of the Department Chair positions would be held by the same person and inquired if a member-at-large would be appointed in such a situation. The Secretary noted that there was no language in the By-laws surrounding duplication; however, that this could be examined.
- A Senator suggested that the by-laws be updated to note the membership held by part-time teaching staff should be listed as faculty instead to align with how it is listed for full-time members.
- A Senator inquired what would happen when "TBD" was listed beside a Senator position. It was clarified that once individuals were identified, such would be brought forward to the Senate for approval at the subsequent meetings.

24.09.06.02 Senate Membership 2024-25 [LINK]

Moved [D. Rogers / P. Dupuis]: that the Algoma University Senate approve the revised Senate Membership slate as presented retroactive to July 1, 2024 as recommended by the Senate Executive Committee.

Carried with one objection.

Discussion:

- A Senator inquired if there was a possibility of adding non-AUSU student members to the Senate. The Secretary advised that the University Act outlines that four students have to be elected by the students of the University from amongst themselves, however that the by-laws state that three students are elected by AUSU and one Student is elected by SASA.

24.09.06.03 Senate Committee Membership 2024-25 [LINK]

Moved [M. Paul / V. Jimenez-Estrada]: that the Algoma University Senate approve the revised Senate Committee Membership slate as presented retroactive to July 1, 2024 as recommended by the Senate Executive Committee.

Carried with one objection and one abstention.

Discussion:

- Senators discussed the possibility of having a student seat included on the Senate Executive Committee to provide a student perspective. A Senator provided a historical perspective related to concerns raised about the ability to have quorum on short notice. It was suggested that the position is non-voting and could be shared between student Senators.
- Senators discussed the role of the Secretariat Office on Senate Committees. It was clarified that the Secretariat Office was created to provide support and consistency and are non-voting resources that have no impact on quorum. For consistency, it was decided that specific members of the Secretariat Office would be struck from the proposed committee membership slate and replaced with more generic language such as 'Secretariat Office.'
- Senators discussed whether the Senate By-laws or a procedures document the role of the Secretariat Office or other bodies supporting committees. Concerns were raised about the By-laws or procedures being too prescriptive which could narrow opportunities instead of expanding them. It was also noted that some committees require specific support and a flexible approach may work better.
- A Senator raised a question about students utilizing proxies, to which it was noted that some committee terms of references provide for alternate student members within their composition.

24.09.06.04 Board-Senate Liaison Committee Membership 2024-25 [LINK]

Moved [V. Jimenez-Estrada / A. Ridout]: that the Algoma University Senate appoint Dr. Paulette Steeves to the Board-Senate Liaison Committee for a term effective immediately through June 30, 2025.

Carried with one abstention.

Discussion:

- Questions were raised about the Senate position on the Board of Governors. A Senator advised that a recent notice for By-law changes for the Board indicated that a Senate Member on the Board would not be included in the composition if carried.
- The Secretary indicated that the Auditor General of Ontario recommended that Algoma University reduce and limit the size of the Board, including the number of internal members. In alignment with such, the Board was undergoing By-law revisions and it was noted that it was intended for the faculty member on the Board to be concurrently a Senator.
- A Senator expressed their view that consolidating a faculty member seat and Senator seat on the Board could prove to be problematic as that one person would have to bring multiple perspectives to the role.

- The Secretary noted that the Board had not yet approved the by-law revisions, and the Senate could put forward a Senator candidate for the Board's consideration.
- A Senator serving on the Board-Senate Liaison Committee noted that they hoped a meeting of the Committee could be struck in the near future to discuss this change and that the issue be brought back to a future Senate meeting.

24.09.06.05 Senate By-law Revisions: Notice of Motion October 4, 2024 [LINK]

24.09.06.06 Academic Planning and Priorities Committee Recommendations

24.09.06.06.01 Final Assessment Report, Bachelor of Business Administration Program [LINK]

Moved [A. Gordon / L. Bloomfield]: that the Algoma University Senate approve the Final Assessment Report for the Bachelor of Business Administration 2021-22 program review as recommended by the Academic Planning and Priorities Committee.

Carried.

Discussion: None.

24.09.06.07 Academic Regulations and Petitions Committee - N/A

24.09.06.08 Appeals and Academic Standards Committee Recommendations - N/A

24.09.06.09 Curriculum Committee Recommendations - N/A

24.09.06.10 I-EDI Committee - N/A

24.09.06.11 Quality Assurance Committee Recommendations - N/A

24.09.06.12 Research Advisory Committee Recommendations - N/A

24.09.06.13 Senate Executive Committee Recommendations

24.09.06.13.01 Introduction of Committee Reporting Requirements

The Speaker informed the Senate of the Senate Executive Committee's request for written committee reports and asked Committee Chairs to provide such reports for inclusion in the Senate agendas for information purposes.

Discussion:

- It was clarified that the By-laws ask for annual committee reports and that the monthly reports are in addition.

24.09.06.14 Senate Governance Committee - N/A

24.09.06.15 Teaching and Learning and Technical Support Services - N/A

24.09.07 INFORMATION ITEMS

24.09.07.01 Unity Partnership Presentation [October]

24.09.07.01 NOSM University Partnership Presentation [October/November]

24.09.08 STANDING REPORTS

24.09.08.01 Decanal Reports *DECANAL REPORTS*

- L. Bloomfield and W. Wei provided high level overviews of their written reports.
- The Faculty Chair from Cross Cultural studies requested to be able to share verbal updates from the faculty in the absence of a Dean.

Discussion: None.

24.09.08.02 Vice-President Academic and Research Report *VPAR'S REPORT*

- The Interim VPAR asked that the report be accepted as written and if there were any questions.

Discussion: None.

24.09.08.03 President and Vice-Chancellor Report

The President was unable to attend this portion of the meeting due to unexpected air-travel delays. D. Rogers noted on her behalf the Forum held two weeks ago and that a full written report would be provided at the next Senate meeting.

Discussion: None.

24.09.09 DISCUSSION AND QUESTION PERIOD

- A Senator asked about reporting requirements for AUSU and SASA to which it was clarified that both groups are not required to submit monthly reports, but annual reports would be welcomed.

24.09.10 OTHER BUSINESS/NEW BUSINESS

- Senators discussed the National Day for Truth and Reconciliation on September 30 and the university's decision to not cancel classes. It was noted classes were previously canceled on this day, however they would not be canceled this year as in consultation with Indigenous representatives, it was felt that it was important for students to be on campus to engage in activities surrounding truth and reconciliation.
- Senators noted that often Indigenous people bear the responsibility of organizing all the activities and it is hoped that the schools, faculties, and student associations collaborate in organizing activities in the spirit of the Special Mission. It was suggested that the university allocate budgetary resources for such activities, noting that other universities adopted similar approaches and encouraged students to learn about Indigenous culture through participating in the activities.
- Senators discussed the potential negative impact (i.e. loss of marks) for students who choose to miss class to engage in events, especially Indigenous students. It was also noted that students may not have time to participate due to their class schedule, and

may not be aware of the activities. It was suggested that, in the future, the day could be an observance day with the university reviewing different ways to engage the student body through SASA, AUSU and other organizations.

- A Senator raised the importance of integrating Indigenous and other under-represented groups within the curriculum throughout the year and having access to funding to meaningfully recognize individuals who come to class to share their knowledge with students.
- The question of accommodation was raised and it was clarified that the Senate does not have the authority to give direction to instructors, but could encourage them not to penalize students for attending activities. Senators discussed bringing consistency to the approach and noted the importance of making decisions before the deadline to finalize the syllabi to help professors prepare their class schedule. It was noted that in some cases, especially science labs, the term may need to be extended as all labs are important.
- It was suggested that, for this year, students do not lose attendance marks and accommodation be given to complete assignments set on that day.
- **RESOLUTION** [K.Scullion / S. Meades]: *That Senate urges faculty to not penalize students who choose to participate in the many Truth and Reconciliation Commission related activities scheduled on September 30, 2024.*
Carried with one abstention.

24.09.11 ANNOUNCEMENTS

- Dr. Bloomfield thanked Senators who brought food for the food bank.
- Dr. Bloomfield suggested having the Speakeasy open after Senate meetings to socialize and invited the Deans to take turns to host such and Senators to contribute ideas/suggestions for activities.

24.09.12 IN CAMERA SESSION

The Speaker notified Senators that in alignment with the Senate By-laws, the Senate may hold an in camera session when items of a personal and confidential nature are being discussed. It was noted that the in camera agenda pertained to personnel matters and as such needed to be held in a confidential session.

Moved [G. Townsend / B. Schamp]: to move the meeting in camera.

Carried.

Discussion: None.

Moved [A. Ridout / L. Bloomfield]: to record the approval of any motions made in camera in a manner that does not release confidential information.

Carried.

Discussion: None.

24.09.12 ADJOURNMENT

Moved [S. Meades / D. Rogers]: to adjourn the Senate meeting at 4:00 pm.

Revised Senate Committee Slate - 2024-25

Senate Committee Membership Term: July 1, 2024 - June 30, 2025

Highlighted in orange: nominations submitted after September 13, 2024

Highlighted in yellow: no candidate or awaiting nomination

Senate Executive Committee

Professor Pelham Matthews [Chair, Faculty of Business & Economics (FoBE)]

Dr. Paulette Steeves [Chair, Faculty of Cross Cultural Studies (FCCS)] (July 1 to Dec. 31, 2024)

Dr. Linda Burnett [Chair, Humanities & Social Sciences [FHSS]

Dr. George Townsend [Chair, Faculty of Science (FCST)]

Dr. Paul Dupuis [Chair, Faculty of Science (FoS)]

Dr. Donna Rogers [Interim VPAR]

Ken Scullion [University Registrar]

Dr. Nikki Shaw [Speaker of Senate]

Dr. Sean Meades [Deputy Speaker of Senate]

Academic Planning and Priorities

Professor Pelham Matthews [Chair, (FoBE)]

Dr. Paulette Steeves [Chair, FCCS] (July 1 to Dec. 31, 2024)

Dr. Linda Burnett [Chair, FHSS]

Dr. George Townsend [Chair, FCST]

Dr. Paul Dupuis [Chair, FoS]

Dr. Donna Rogers [Interim VPAR]

Ken Scullion [University Registrar]

TBD [Dean - FHSS/FCCS]

Dr. Laurie Bloomfield [Dean - FoS]

Dr. William Wei [Dean - FoBE]

Cheryl Toulouse [Student]

Curriculum Committee

Dr. Jo-Ann Ryan [FoBE]

Dr. Sean Meades [FCCS]

Dr. Warren Johnston [FHSS]

Dr. Chantal Lemieux [FoS]

Dr. Ajmery Sultana [FCST]

Dr. William Wei [Dean]

Ken Scullion [Registrar]

Tracy Spurway [Librarian]

Wayne Thompson [Student]

Academic Standards and Appeals

Dr. Hari Luitel [FoBE]

TBD [FoBE Alternate]

Last update: September 23, 2024

Dr. Michael Graydon [FCCS]
Isaac Darko [FCCS Alternate]
Dr. Bruce Douville [FHSS]
TBD [FHSS Alternate]
Dr. Christine Madliger [FoS]
TBD [FoS Alternate]
Dr. Rashid Khokhar [FCST]
Dr. Ping Luo [FCST Alternate]
Dr. Laurie Bloomfield [Dean]
Ken Scullion [Registrar]
Abdul Hayyi [1 Student]
Nidhi Patel [Student Alternate]
Minion Paul [Student Alternate]

Academic Regulations and Petitions

Dr. Jo-Anne Ryan [FoBE]
Dr. Isaac Darko (F24) / Sean Meades (W25) [FCCS]
Dr. Tony Robinson-Smith [FHSS]
Dr. Dave Brodbeck [FoS]
Dr. George Townsend [FCST]
Ken Scullion [Registrar]
Shelley Mitchell [Assistant Registrar, Admissions]
Anvi Thakkar [Student]

Teaching & Learning and Technical Support Services

Dr. Jody Rebek [FoBE]
Dr. Ushnish Sengupta [FCCS]
Dr. Nathan Murray [FHSS]
Jodi Webber [FoS]
Dr. Miguel Garcia-Ruiz [FCST]
Tracy Spurway [Librarian]
TBD [Dean]
John Peters [Director of Innovation and Technology]
Dawn White [Director of Experiential Learning/International Affairs]
Dr. Saud Taj [Director of Teaching and Learning Centre]
Anvi Thakkar [Student - AUSU]
Elizabeth Nahwegezic [Student - SASA]

Quality Assurance

Dr. Aaron Gordon [FoBE] TBC
Dr. Vivian Jimenez-Estrada [FCCS]
Dr. Ed Turgeon [FHSS]
Dr. Paul Dupuis [FoS]
Dr. Faria Khandaker [FCST]

Last update: September 23, 2024

Dr. Laurie Bloomfield [Dean]
Dr. Donna Rogers [Interim VPAR]
Brittany Paat [Academic Support Officer]
Ken Scullion [Registrar]
Nidhi Patel [Student]

Research Advisory Committee

Dr. Donna Rogers [VPAR]

TBD [Dean]

Tracy Spurway [Librarian]

[One representative from each faculty who has active research programs]

Dr. Omar Abou-Kasm [FoBE]

Laura Wyper [FCCS]

Dr. Monika Thakur [FHSS]

Brandon Schamp [FoS]

Dr. Miguel Garcia-Ruiz [FCST]

[One representative from any of the Faculties with a good understanding of Indigenous cultures and education]

TBD

[One representative from any of the Faculties with a good understanding of Equity, Diversity and Inclusion]

Dr. Melis Yavuz-Muren [FoS]

Senate-Board Liaison

Dr. Nikki Shaw [Speaker of Senate]

Dr. Alice Ridout [Senator-at-large from the FT teaching staff not currently serving on the Board]

Dr. Paulette Steeves [Senator-at-large from the FT teaching staff not currently serving on the Board]

Senate I-EDI Committee

Dr. Donna Rogers [Interim VPAR]

Patty Chabbert [Acting Vice-President Nyaagaanid]

Dr. Paulette Steeves [FCCS]

Dr. Isaac Darko [FCCS]

Dr. Walter Chan [FHSS]

TBD [FHSS]

TBD [FBE]

TBD [FBE]

Dr. Monica Ghabrial [FoS]

Dr. Nikki Shaw [FoS]

Randy Lin [FCST]

Dr. Syed Muhammad Danish [FCST]

Shelby Bennett [Student SASA]

Abdul Hayyi [Student AUSU]

Last update: September 23, 2024

Krista McCracken [Non-Teaching Employees Member]
TBD [Part-Time Teaching Staff Member]

Senate Governance Committee

Dr. Nikki Shaw [Speaker of Senate]
Dr. Asima Vezina [President & Vice-Chancellor]
Dr. Donna Rogers [Interim VPAR]
Dr. William Wei [Dean]
Dr. Nairne Cameron [Senator from FCCS]
Dr. Alice Ridout [Senator from FHSS]
Dr. Teryn Bruni [Senator from FoS]
Dr. Pelham Matthews [Senator from FBE]
Dr. Zamilur Rahman [Senator from FCST]
Minion Paul [Student Senator]

Notice of Motion: Senate By-law Revisions

Senate Meeting Date: 04 OCT 2024

PURPOSE:

Expedited

PREPARED BY:

Approval

Discussion

Information

Committee Name: Senate Executive

Committee Chair: Nikki Shaw, Speaker of Senate

Other Contributor(s): Shannon Kelly, Associate University Secretary

1.0 MOTION / DISCUSSION

Moved [/]: that the Algoma University Senate approve the modifications to the Senate By-Laws as presented to incorporate the Faculty of Computer Science & Technology.

Considerations for Senators:

- The proposed revisions reflect the University's recent establishment of the Faculty of Computer Science and Technology.
-

2.0 EXECUTIVE SUMMARY

The establishment of the Faculty of Computer Science was approved by the Board of Governors on June 20, 2024, as recommended by the Algoma University Senate. The presented changes reflect the addition of a new Faculty. A notice of motion was provided at the September 13, 2024 meeting of the Senate.

3.0 ANALYSIS

Chapter 3 - Senate Membership and Terms of Office:

- The Dean of the Faculty of Computer Science and Technology has been added as a member of the Senate by virtue of office in alignment with s 18(1) of the Algoma University Act and 3.2.a of the by-laws.
- The number of faculty chairs was updated from four (4) to five (5) to be reflective of the new faculty.
- The number of department chairs was updated from fourteen (14) to sixteen (16) in alignment with the recently approved departments within the Faculty of Computer Science and Technology.
- The faculties and departments recognized by the Senate were amended to include the Faculty of Computer Science and Technology and its respective departments.
- The Senate Composition has been updated to reflect the proportional representation that was approved on September 13, 2024.

4.0 ATTACHMENTS

1. [Proposed By-Law Amendments - Tracked Changes](#)
2. [Proposed By-Law Amendments - Clean](#)

Algoma University Senate By-laws [047-JunOCT-2024]

1. Chapter 1 – Powers of Senate

1.1 Duties and Powers of the Senate

The work of the University Senate will be informed and guided by the Algoma University's Special Mission and its Equity, Diversity and Inclusion Charter.

The Senate of Algoma University, established in 2008 by the Legislature of the Province of Ontario by virtue of the *The Algoma University Act*, 2008, C-13, has the duties, subject to the approval of the board with respect to the expenditure of funds, the power to determine and regulate the educational policy of the University and, without limiting the generality of the foregoing, has the power,

- a. To make recommendations to the Board with respect to the establishment, change or termination of programs and courses of study, schools, faculties, divisions and departments;
- b. To advise the President of the University on the staffing needs of the academic departments;
- c. To appoint the faculty deans and the divisional or departmental Chairs as may be required from time to time;
- d. To determine the curricula of all programs and courses of study, the standards of admission to the University and continued registration therein, and the qualifications for degrees, diplomas, and certificates of the University;
- e. To conduct examinations, appoint examiners, and decide all matters relating thereto;
- f. To hear and determine appeals from the decisions of the faculty councils on examinations and on applications for admission;
- g. To award fellowships, scholarships, bursaries, medals, prizes, and other marks of academic achievements;
- h. To authorize the Chancellor, the vice-chancellor or such other person as may be determined by the Senate, to confer degrees, honorary degrees, diplomas, and certificates on behalf of the University in accordance with section 6 of the Algoma University Act;
- i. To create councils and committees to exercise its powers;
- j. To make by-laws for the conduct of its affairs, including by-laws respecting the conduct of the election of its members;

2. Chapter 2 – Definitions

2.1 General Definitions

In these By-laws:

- a. “The Algoma University Act, 2008” means *The Algoma University Act, 2008*, S.O. 2008, C-13 introduced in the Legislature of the Province of Ontario as Bill 80 titled “An Act to establish Algoma University and to dissolve Algoma University College”;
- b. “University” means Algoma University;
- c. “Board” means the Board of Governors of Algoma University;
- d. “Senate” means the Senate of Algoma University;
- e. “Department” means a department of an academic Faculty of the University recognized by the Senate and representing one or more cognate disciplines of knowledge taught at the University;
- f. “School” means a school of the University recognized by the Senate and representing a coherent group of cognate programs;
- g. “Faculty” means an academic Faculty of the University recognized by the Senate and representing a coherent group of cognate departments and schools;
- h. “Senator” means a voting member of the Senate;
- i. “President” means the President of Algoma University;
- j. “VPAR” means the Vice President, Academic and Research of the University
- k. “Dean” means the Dean of an Academic Faculty of the University;
- l. “Chair” means a presiding officer, for example Chair of Senate, committee Chair, Faculty Chair, department Chair;
- m. “Speaker” means the Speaker of Senate, a senator elected by Senate to conduct the meetings of Senate;
- n. “Deputy Speaker” means the Deputy Speaker of Senate, a senator elected by Senate to fulfill the responsibilities of the Speaker, whenever the Speaker is unable or unavailable to conduct the meets of Senate;

- o. “Secretary” means the Secretary of Senate, who shall be the University Secretary or designate, is responsible for preparing and distributing Senate agenda and minutes and for maintaining the official records of Senate in the manner described in these By- laws;
- p. “University Librarian” means the academic administrator of the library of the University;
- q. “Teaching Staff” means professors, associate professors, assistant professors, lecturers, associates, instructors, tutors and all others employed to do the work of teaching or giving instruction and includes persons employed to do research at the University;
 - i. “Full-Time Teaching Staff” means the full-time faculty and full-time librarians (“Teaching Staff”) covered under the *Full-Time Faculty Collective Agreement*;
 - ii. “Part-Time Teaching Staff” means the members of the Teaching staff who are engaged on sessional contracts covered under the *Part-Time Faculty Collective Agreement*;
- r. “Student” means a full-time or part-time student of the University in good academic standing, as determined by the University;
- s. “AUSU Executive” means the elected student members of the Algoma University Students Union Executive;
- t. “SASA Executive” means the elected student members of the Shingwauk Anishinaabe Students Association Executive;
- u. “Alumni Board” means the Board of Directors of the Algoma University *Alumni Council*;
- v. “APC” means the Anishinaabe Peoples Council of the University;
- w. “Quorum” means the minimum number of voting members in attendance in order for a meeting to commence or continue;
- x. “Day” means operating business day;
- y. Where the singular is used, it shall be considered that plural has also been used if the context so requires;
- z. Where the plural is used, it shall be considered that singular has also been used if the context so requires.

2.2 Definitions Related to Senate Committees and Subcommittees

- a. In defining the membership of Senate committees or subcommittees in these By-Laws; “Teaching staff senator” means a member of the Full-Time Teaching Staff who is a voting member of the Senate.
- b. “Teaching staff non-senator” means a member of the Full-Time Teaching Staff who is not a voting member of the Senate;
- c. “Student senator” means a student who is a voting member of Senate;
- d. “Representative” means a representative (student, staff, Board, Alumni Advisory Board, etc.) who may or may not also be a voting member of the Senate.

2.3 Senate Year

The Senate year shall commence on July 1st of any given year and end on June 30th of the following year.

2.4 Objects

The objects of Algoma University are the pursuit of learning through scholarship, teaching and research, within a spirit of free enquiry and expression.

2.5 Special Mission

It is the special mission of Algoma University to:

- a. Be a teaching-oriented university that provides programs in liberal arts and science and professional programs, primarily at the undergraduate level, with a particular focus on the needs of Northern Ontario; and
- b. Cultivate cross-cultural learning between aboriginal communities and other communities, in keeping with the history of Algoma University and its geographic site.

3. Chapter 3 – Senate Membership and Terms of Office

3.1 General Membership Provisions

- a. The voting membership of Senate shall include, in numbers as specified below:
 - i. Senators by virtue of their office;
 - ii. Student senators;
 - iii. Teaching staff senators; and
 - iv. Non-teaching staff senators

- b. As stipulated in The Algoma University Act, 2008, S.O. 2008, C-13, the number of teaching staff senators at any given year shall be at least twice the total number of all other members of the senate.
- c. In order that the membership of the Senate is as broadly representative of the University's academic community as possible, the various constituencies shall be expected to consider, and strive to reflect, gender balance and the diversity of academic and cultural traditions when choosing or selecting their Senate representatives.
- d. Membership in the Senate cannot be delegated, except according to specific provisions in these by-laws.
- e. *Effective July 1, 2023, the number of teaching staff from each of the four Faculties will be calculated based on the number of active full-time teaching staff as of January 1 of the current Senate year for the subsequent Senate year beginning July 1st. The percentage will include FT faculty that are Contract Limited Term Appointments [CLTA] but exclude those that are on sabbatical during the reporting period.*

3.2 Senators by Virtue of Office

- a. *The following persons who are members by virtue of their office:*
- i. The President and Vice-Chancellor of the University;*
 - ii. The Vice-President, Academic and Research;*
 - iii. The Dean of the Faculty of Humanities and Social Science, and the Faculty of Cross-Cultural Studies;*
 - iv. The Dean of the Faculty of Science;*
 - v. The Dean of the Faculty of the School of Business and Economics;*
 - ~~v~~.vi. The Dean of the Faculty of Computer Science and Technology*
 - ~~vi~~.vii. The University Registrar;*
 - ~~vii~~.viii. The University Librarian;*
 - ~~viii~~.ix. The President of Shingwauk Kinooamaage Gamig, or their designate;*
 - ~~ix~~.x. The Chairs of each of the ~~five~~four [5]4 Faculties, who are members of the Full-time Teaching Staff; and*
 - ~~x~~.xi. The Chairs of each of the fourteen [1]64 academic departments, who are members of the Full-time Teaching Staff*

3.3 Student Senators

- a. The following shall be voting members of the Senate:

i. Three [3] students, elected from among AUSU members; and

ii. One [1] student elected from among SASA members.

3.4 Teaching staff senators

a. The following shall be voting members of Senate:

i. Such number of persons on the Teaching Staff, elected by the Teaching staff, represented by the Teaching Staff union, from among themselves, as set out in Senate by-laws, which number shall be in at least twice the total number of all other voting members of the Senate in all other categories

ii. There shall be one (1) Full-Time Teaching Staff senator, represented by the Teaching Staff union from each Department of the University recognized by the Senate of the University, who shall be the Department Chair or Director or their designate.

iii. Each Faculty shall have one (1) Part-Time Teaching Staff elected from and by the Part-Time Teaching Staff represented by the Teaching Staff union.

iv. *As of July 1, 202~~42~~, the Faculties, Departments, and Schools recognized by the Senate of the University are:*

1. Faculty of Cross-Cultural Studies

- a. Department of Community, Economic and Social Development*
- b. Department of Geography, Geology and Land Stewardship*
- c. Department of Sociology*

2. Faculty of Humanities and Social Sciences

- a. Department of English and History*
- b. Department of Law and Politics*
- c. Department of Modern Languages*
- d. Department of Music and Visual Art*
- e. School of Social Work*

3. Faculty of Business and Economics

- a. Department of Applied Business and Executive Education*
- b. Department of Business Administration*
- c. Department of Finance, Economics and Decision Sciences*

4. Faculty of Science

- a. Department of Biology*
- b. Department of Psychology*

~~*e. School of Computer Science and Technology*~~

5. Faculty of Computer Science and Technology

a. Department of Computer Science and Mathematics

b. Department of Information Technology and Professional Studies

3.5 Non-Teaching staff senators

- a. The following shall be voting members of Senate
 - i. One person, other than the President and Vice-Chancellor of the University, appointed by the Board from among the Board members
 - ii. One person from the Anishinaabe Peoples Council ["APC"], appointed by the APC from among their members.
 - iii. One member of the Algoma University Support Staff ["AUSS"], or in lieu an alternate, elected by the members of AUSS;

3.6 Terms of Office

- a. Senators by virtue of office shall serve for as long as they remain in office.
 - i. Serving as Faculty Chair shall not count against an individual's eligibility to serve as Teaching Staff Senators. I.e., terms served as Faculty Chairs do not count as Teaching staff senator terms as specified 3.6 [iv] or in Sections 20 and 22 of *The Algoma University Act*, 2008, S.O. 2008, C-13.
 - ii. For student senators, the normal term of office shall be one [1] year renewable for one consecutive term of one [1] year.
 - iii. For other non-Teaching Staff senators, the term of office shall be at the discretion of the respective constituencies, but shall not exceed a term of three [3] years, renewable for one consecutive term of three [3] years.
 - iv. For Teaching Staff Senators the normal term of office shall be three (3) years, renewable for one consecutive term of three (3) years.
 - v. For Part-Time Teaching Staff Senators, the normal term of office shall be one [1] year, renewable for one consecutive term of one [1] year.

Loss of Eligibility to Serve as Senators

- vi. If, during his or her term of office, a member of Senate elected or appointed under Chapter 2 ceases to be eligible for election or appointment to the Senate by virtue of a change in position or employment, he or she thereby ceases to be

a member of Senate.

Exceptions, Student Graduation

vii. If a student member of the Senate graduates during her or her term of office, they may continue to sit as a member of the Senate until the next anniversary of the day of his or her re-election.

Renewal

viii. A member of the Senate is eligible for re-election or reappointment.

Limitation

ix. A person elected or appointed to the Senate may not be a member for more than two consecutive terms, but is eligible for reappointment or re-election after one year's absence from Senate.

Filling Vacancies

- x. A vacancy on the Senate occurs if,
- a. A member resigns or ceases to be eligible for appointment or election to the Senate before the end of his or her term;
 - b. A member is incapable to continue to act as a member and the Senate by resolution declares the membership to be vacated; or
 - c. A member is absent from three meetings of the Senate with appropriate reasons.
- xi. If a vacancy occurs in the Senate, prior to the three (3) months before the completion of the term, the Senate shall fill the vacancy according to the procedures provided in the By-laws of the Senate. (i.e. through a request to the Senate Executive for appointment of Senate through the respective Faculty);
- a. Determine, in accordance with its By-laws, whether or not to fill the vacancy; and
 - b. If the vacancy is to be filled, fill the vacancy within the time period, and according to the procedures, provided in the By-laws of the Senate.

Attendance

xii. Within the Senate membership year (July 1-June 30), if a member of the Senate, who has not been granted a leave of absence, fails to attend three [3] regular meetings of the Senate, the Senate may by resolution declare such membership vacant. Members of the Senate have an obligation to represent their constituents by attending meetings of the Senate; therefore, regular attendance is a requirement.

- a. The Secretary of Senate shall remind Senators of the attendance requirement prior to the beginning of the regular meetings of the Senate year (typically early September);
- b. The responsibility of informing the Senator will be that of the Secretary of Senate.

Note: Senators who find they have an occasional scheduling conflict with Senate meetings such as teaching/laboratory or any other University-related commitment should appeal to the Secretary of Senate for attendance relief from the Senate. Such absences should be communicated in advance to the Secretary of Senate.

3.7 Leaves of Absence

- a. Teaching Staff members who are on authorized leaves of any kind shall not be obligated to serve on the Senate while on leave.
- b. Rejoining the Senate after a leave of one or more years shall make the member re-eligible to serve a first Senate term.

Senate Composition [effective July 1, 202~~4~~3]:

~~4~~97 Total Members:

1. Faculty Chairs [54]
2. Department Chairs [1644]
3. Full-time faculty members [at-large] [406]
4. Part-time teaching staff [54]
5. Non-teaching staff members [7]
6. Members by virtue of office [98]

4. Chapter 4 – Officers of Senate and Duties

Officers of Senate shall be composed of the following:

- 4.1 The Speaker and Deputy Speaker;
- 4.2 The Secretary of Senate, who shall be the University Secretary or designate (non-voting member);
- 4.3 The Speaker shall be responsible for conducting all meetings of the Senate in accordance with the By-laws of the Senate. The Speaker shall ensure that all meetings follow the basic rules of Robert’s Rules of Order. In the absence of the Speaker, the Deputy Speaker shall conduct the meeting.

4.4 The Secretary or, in the absence of the Secretary, the Secretary's designate, shall be responsible for recording the minutes of each meeting of the Senate, and for such other duties as are stated in the By-laws.

5. Chapter 5 – Elections and Term of Office

5.1 Elections and appointments to the Senate and its committees shall be made on or before the June Senate meeting of each year. The Speaker and Deputy Speaker shall be elected annually at June's Senate meeting from among the academic staff members of Senate;

5.2 Where a vacancy occurs due to resignation or other reason, the appropriate Faculty may conduct an election to fill the vacancy for the period until

5.3 Notwithstanding Ch. 5.1 and 5.2, Part-Time Teaching Staff representatives to the Senate shall be elected on or before the June Senate meeting of each year to serve a one-year term during the next Senate year.

5.4 Student members on committees of the Senate shall be nominated by student senators meeting in caucus.

5.5 There shall be Senate Representation to the Board, elected by the Senate from academic staff, in such numbers as prescribed by the By-laws of the Board. The representatives shall endeavor at all times to inform the Board of the majority opinion of the Senate in any board decisions pertaining to Senate matters. The representative shall be responsible for ensuring that Senate is informed full of:

- a. The outcome of all Senate recommendations conveyed to the Board; and
- b. Any other Board matters which affect Senate, subject to the Board's rules of confidentiality

The representatives shall have such other responsibilities as may be suggested to them from time to time by the Senate. The term of office shall be three years, once renewable.

6. Chapter 6 – Meetings

6.1 The Senate year is defined as beginning July 1.

6.2 Unless decided otherwise by the Senate or by the Senate Executive Committee, meetings of the Senate shall be held on the first Friday of each month except in January and September when it shall be held on the second Friday depending on the calendar year. No regular meetings shall be held in July and August. Notice of the dates of these meetings shall be given to Senators through electronic communication and shall be included in the academic calendar, where they are available to the public.

6.3 The Senate may hold *in camera* meetings when items of a personal and confidential nature are being discussed.

6.4 Unless otherwise decided by the Senate or Senate Executive Committee, regular meetings of the Senate shall begin at 1:00pm, and if, after the lapse of a quarter of an hour, there is not a quorum present, the regular meeting shall be deemed lost. Meetings of the Senate shall terminate at 3:00pm unless extended by a motion to continue. Such a motion requires a two-thirds majority.

6.5 All meetings of the Senate shall be conducted according to Robert's Rules of Order, unless otherwise determined by the Senate by two-thirds majority.

6.6 At the discretion of the Senate Executive Committee, a regular meeting of the Algoma University Senate may be canceled if:

a. The volume of business submitted for inclusion in the agenda is insufficient to warrant holding a meeting; and

b. There is no urgent or time-sensitive business requiring the disposition prior to the next regular meeting of the Senate

Special Meetings

6.7 A special meeting of the Senate, on the request in writing of not fewer than five [5] members, three [3] of whom must be Teaching Staff, shall be called by the Speaker, or Deputy Speaker, in the Speaker's absence, with forty-eight [48] hours notice [excluding statutory holidays and weekends] to be given to each member of Senate. Such a meeting shall consider only business which is specified in the notice of meeting, except that new business may be introduced by the unanimous consent of the members present.

Quorum

6.8 The quorum of the Senate shall be fifty (50) percent plus one of voting members of Senate, except at the May and June meetings and at any special meetings which may be called in July and August when quorum shall be one-third plus one.

6.9 To be valid and effective, all motions must be adopted at a meeting of the Senate by a simple majority of the members present unless otherwise specified in the By-laws.

6.10 The Secretary shall provide each member of the Senate with an agenda not fewer than seventy-two (72) hours prior to each meeting.

6.11 The agenda for each regular meeting shall be prepared by the Senate Executive Committee. Senators requesting that business be considered

by the Senate shall submit all items and supporting documentation proposed for the inclusion in the agenda to the Secretary of Senate, fifteen (15) calendar days prior to the regularly scheduled meeting of Senate (by noon two Thursdays prior to the Senate meeting).

6.12 Proceedings of all meetings of the Senate shall be recorded. A copy of the minutes of every meeting of the Senate shall be circulated with the agenda of the next meeting. At this meeting, the minutes shall be adopted after the correction and amendment, if necessary.

6.13 No motion introducing matters other than that listed in the agenda shall be taken into consideration at any regular meeting of the Senate except when accepted for consideration by a two-thirds majority of the members present.

Preserving Order

6.14 The Speaker of Senate:

- a. Maintains a neutral position during the Senate proceedings;
- b. Preserves order and decorum at all meetings of Senate;
- c. Ensures that Senators are given time to respond to the questions;
- d. May occasionally invite non-Senators to respond to the question or contribute to the debate.

Every member may respond a second time on the same question unless other members who have not already spoken wish to do so.

Any person who, in the opinion of the Speaker, engages in conduct unbecoming a member of the Senate shall withdraw from the meeting at the request of the Speaker. In the event that such a person refuses to withdraw, the Speaker may declare a short recess, or adjourn the Senate, and may declare that the continuation of such recessed or adjourned meeting be open only to members and official observers.

Voting

6.15 No member of the Senate may appoint or send a proxy to act or vote in the Senate.

Electronic Voting

6.16 In exceptional circumstances where time is of the essence and there is no reasonable possibility of convening a meeting, electronic voting is permissible. The use of electronic voting is to be determined by the Senate Executive Committee, or when this is not possible, the Speaker of Senate.

In circumstances where electronic voting is necessary, the wording of the motion and any background material shall be circulated to the Senate prior to the date scheduled

for the vote. Normally, a period of no less than two working days will be provided for

Senators to electronically post comments and/or questions about the motion, with this electronic discussion accessible to all Senators.

Immediately following this period, Senators will be asked to vote on the motion and their votes must be recorded with the Secretary of Senate on or before a specific date and time. Voting will be on the motion as presented. The result of the electronic vote shall be transmitted to the Senate and the number of votes shall be reported in the minutes. Senators may request that their own vote be reported in the minutes.

Note that in cases where secret ballots are necessary, the Senate Executive will consult with the Information Technology department to ensure the anonymity of the responses.

Meeting *in Camera*

6.17 When the Senate declares a meeting or part of a meeting *in camera*, reasons for so declaring will be clearly stated by the Speaker of the Senate prior to moving *in camera*. Where the Senate has resolved to move *in camera*, the room shall be cleared except for all members of the Senate and individuals requested by the Speaker to stay for purposes of assisting the Senate with its deliberations.

Only members entitled to be present *in camera* meetings may be informed of the proceedings that transpire. Accordingly, items of business dealt with by the Senate *in camera* shall appear as appendices to the record and shall be recorded in a spate of minutes, available only to members of the Senate

If any motions are passed *in camera*, upon returning to the open meeting, the Speaker will ask Senators for a motion to record the approval of those *in camera* motions in a manner that does not release confidential information.

7. Chapter 7 – Amendment of By-laws

7.1 By-laws of the Senate shall be adopted or amended by a two-thirds majority vote of all voting members at a regular meeting of Senate upon notice of motion duly made at a regular meeting of Senate.

8. Chapter 8 – Committees of Senate

8.1 There shall be the following standing committees of Senate:

- a. Academic Planning and Priorities Committee;
- b. Academic Regulations and Petitions Committee;
- c. Appeals and Academic Standards Committee;

- d. Board – Senate Liaison Committee;
- e. Curriculum Committee;
- f. Decanal Review/Search Committee;
- g. Senate Governance Committee
- h. I-EDI Committee
- i. Quality Assurance Committee;
- j. Research Advisory Committee;
- k. Senate Executive Committee;
- l. Teaching & Learning and Technical Support Committee;

8.2 The quorum for each committee shall be one-half of the voting membership of that committee.

8.3 The President and Vice-Chancellor and Vice-President, Academic and Research shall be ex-officio members of every committee of the Senate, unless otherwise stated in the By-laws.

8.4 Vacancies occurring in any committee of the Senate shall be those of the Senate.

8.5 The procedures of all committees of the Senate shall be those of the Senate.

8.6 Senate committees shall have the power to appoint advisors or consultants or to request their assistance, except that such persons shall not be members nor have any of the privileges of members.

8.7 Committees shall report in all instances directly to the Senate except that they may report to other Senate committees at their request. In this latter case, the report must be conveyed to the Senate as well.

8.8 All Senate committees shall serve for a one-year term commencing July 1, with the exception of Ad Hoc and Special Committees (eg. Decanal Review/Search Committee), the Quality Assurance Committee, and the Research Advisory Committee whose terms shall be set by the Senate in such Committee's Terms of Reference.

8.9 The Senate may, from time to time, strike ad hoc committees to deal with matters not appropriately or adequately served by the standing committees.

9. Chapter 9 – Chairs of Senate Committees

9.1 When membership to the Senate Committee has been identified and approved, the committee member whose last name is first in alphabetical order shall be responsible for scheduling the first meeting of the committee in the new Senate year. The first order of business for Senate Committees is to elect a Chair.

In all cases, the Committee Chair must be a member of the Senate.

The Committee Chair is responsible:

- a. To ensure that the mandate of the committee is followed and that the business conducted in an orderly and productive manner through regular meetings;
- b. To report the business of the committee to Senate, for example, a report at Senate containing recommendations in the form of a motion;
- c. To provide the committee's annual report, typically, at the June meeting of the Senate.

* revised ~~June 7, 2024~~ October 4, 2024

'As per the motion that was approved by the University Senate [03-May-24], the Senate has extended the sunset clause (until June 30, 2025) on proportional representation of the Algoma University Senate.

[Algoma University Senate By-laws \[04-OCT-2024\]](#)

1. Chapter 1 – Powers of Senate

1.1 Duties and Powers of the Senate

The work of the University Senate will be informed and guided by the Algoma University's Special Mission and its Equity, Diversity and Inclusion Charter.

The Senate of Algoma University, established in 2008 by the Legislature of the Province of Ontario by virtue of the *The Algoma University Act, 2008, C-13*, has the duties, subject to the approval of the board with respect to the expenditure of funds, the power to determine and regulate the educational policy of the University and, without limiting the generality of the foregoing, has the power,

- a. To make recommendations to the Board with respect to the establishment, change or termination of programs and courses of study, schools, faculties, divisions and departments;
- b. To advise the President of the University on the staffing needs of the academic departments;
- c. To appoint the faculty deans and the divisional or departmental Chairs as may be required from time to time;
- d. To determine the curricula of all programs and courses of study, the standards of admission to the University and continued registration therein, and the qualifications for degrees, diplomas, and certificates of the University;
- e. To conduct examinations, appoint examiners, and decide all matters relating thereto;
- f. To hear and determine appeals from the decisions of the faculty councils on examinations and on applications for admission;
- g. To award fellowships, scholarships, bursaries, medals, prizes, and other marks of academic achievements;
- h. To authorize the Chancellor, the vice-chancellor or such other person as may be determined by the Senate, to confer degrees, honorary degrees, diplomas, and certificates on behalf of the University in accordance with section 6 of the Algoma University Act;
- i. To create councils and committees to exercise its powers;
- j. To make by-laws for the conduct of its affairs, including by-laws respecting the conduct of the election of its members;

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- b. “University” means Algoma University;
- c. “Board” means the Board of Governors of Algoma University;
- d. “Senate” means the Senate of Algoma University;
- e. “Department” means a department of an academic Faculty of the University recognized by the Senate and representing one or more cognate disciplines of knowledge taught at the University;
- f. “School” means a school of the University recognized by the Senate and representing a coherent group of cognate programs;
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- k. “Dean” means the Dean of an Academic Faculty of the University;
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- m. “Speaker” means the Speaker of Senate, a senator elected by Senate to conduct the meetings of Senate;
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- o. “Secretary” means the Secretary of Senate, who shall be the University Secretary or designate, is responsible for preparing and distributing Senate agenda and minutes and for maintaining the official records of Senate in the manner described in these By- laws;
- p. “University Librarian” means the academic administrator of the library of the University;
- q. “Teaching Staff” means professors, associate professors, assistant professors, lecturers, associates, instructors, tutors and all others employed to do the work of teaching or giving instruction and includes persons employed to do research at the University;
 - i. “Full-Time Teaching Staff” means the full-time faculty and full-time librarians (“Teaching Staff”) covered under the *Full-Time Faculty Collective Agreement*;
 - ii. “Part-Time Teaching Staff” means the members of the Teaching staff who are engaged on sessional contracts covered under the *Part-Time Faculty Collective Agreement*;
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- w. “Quorum” means the minimum number of voting members in attendance in order for a meeting to commence or continue;
- x. “Day” means operating business day;
- y. Where the singular is used, it shall be considered that plural has also been used if the context so requires;
- z. Where the plural is used, it shall be considered that singular has also been used if the context so requires.

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- a. In defining the membership of Senate committees or subcommittees in these By-Laws; “Teaching staff senator” means a member of the Full-Time Teaching Staff who is a voting member of the Senate.
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- c. “Student senator” means a student who is a voting member of Senate;
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2.3 Senate Year

The Senate year shall commence on July 1st of any given year and end on June 30th of the following year.

2.4 Objects

The objects of Algoma University are the pursuit of learning through scholarship, teaching and research, within a spirit of free enquiry and expression.

2.5 Special Mission

It is the special mission of Algoma University to:

- a. Be a teaching-oriented university that provides programs in liberal arts and science and professional programs, primarily at the undergraduate level, with a particular focus on the needs of Northern Ontario; and
- b. Cultivate cross-cultural learning between aboriginal communities and other communities, in keeping with the history of Algoma University and its geographic site.

3. Chapter 3 – Senate Membership and Terms of Office

3.1 General Membership Provisions

- a. The voting membership of Senate shall include, in numbers as specified below:
 - i. Senators by virtue of their office;
 - ii. Student senators;
 - iii. Teaching staff senators; and
 - iv. Non-teaching staff senators

- b. As stipulated in The Algoma University Act, 2008, S.O. 2008, C-13, the number of teaching staff senators at any given year shall be at least twice the total number of all other members of the senate.
- c. In order that the membership of the Senate is as broadly representative of the University's academic community as possible, the various constituencies shall be expected to consider, and strive to reflect, gender balance and the diversity of academic and cultural traditions when choosing or selecting their Senate representatives.
- d. Membership in the Senate cannot be delegated, except according to specific provisions in these by-laws.
- e. *Effective July 1, 2023, the number of teaching staff from each of the four Faculties will be calculated based on the number of active full-time teaching staff as of January 1 of the current Senate year for the subsequent Senate year beginning July 1st. The percentage will include FT faculty that are Contract Limited Term Appointments [CLTA] but exclude those that are on sabbatical during the reporting period.*

3.2 Senators by Virtue of Office

- a. *The following persons who are members by virtue of their office:*
 - i. *The President and Vice-Chancellor of the University;*
 - ii. *The Vice-President, Academic and Research;*
 - iii. *The Dean of the Faculty of Humanities and Social Science, and the Faculty of Cross-Cultural Studies;*
 - iv. *The Dean of the Faculty of Science;*
 - v. *The Dean of the Faculty of the School of Business and Economics;*
 - vi. *The Dean of the Faculty of Computer Science and Technology*
 - vii. *The University Registrar;*
 - viii. *The University Librarian;*
 - ix. *The President of Shingwauk Kinooamaage Gamig, or their designate;*
 - x. *The Chairs of each of the five [5]Faculties, who are members of the Full-time Teaching Staff; and*
 - xi. *The Chairs of each of the fourteen [16] academic departments, who are members of the Full-time Teaching Staff*

3.3 Student Senators

- a. The following shall be voting members of the Senate:

i. Three [3] students, elected from among AUSU members; and

ii. One [1] student elected from among SASA members.

3.4 Teaching staff senators

a. The following shall be voting members of Senate:

i. Such number of persons on the Teaching Staff, elected by the Teaching staff, represented by the Teaching Staff union, from among themselves, as set out in Senate by-laws, which number shall be in at least twice the total number of all other voting members of the Senate in all other categories

ii. There shall be one (1) Full-Time Teaching Staff senator, represented by the Teaching Staff union from each Department of the University recognized by the Senate of the University, who shall be the Department Chair or Director or their designate.

iii. Each Faculty shall have one (1) Part-Time Teaching Staff elected from and by the Part-Time Teaching Staff represented by the Teaching Staff union.

iv. *As of July 1, 2024, the Faculties, Departments, and Schools recognized by the Senate of the University are:*

1. Faculty of Cross-Cultural Studies

- a. Department of Community, Economic and Social Development*
- b. Department of Geography, Geology and Land Stewardship*
- c. Department of Sociology*

2. Faculty of Humanities and Social Sciences

- a. Department of English and History*
- b. Department of Law and Politics*
- c. Department of Modern Languages*
- d. Department of Music and Visual Art*
- e. School of Social Work*

3. Faculty of Business and Economics

- a. Department of Applied Business and Executive Education*
- b. Department of Business Administration*
- c. Department of Finance, Economics and Decision Sciences*

4. Faculty of Science

- a. Department of Biology*
- b. Department of Psychology*

5. Faculty of Computer Science and Technology

a. Department of Computer Science and Mathematics

b. Department of Information Technology and Professional Studies

3.5 Non-Teaching staff senators

- a. The following shall be voting members of Senate
 - i. One person, other than the President and Vice-Chancellor of the University, appointed by the Board from among the Board members
 - ii. One person from the Anishinaabe Peoples Council ["APC"], appointed by the APC from among their members.
 - iii. One member of the Algoma University Support Staff ["AUSS"], or in lieu an alternate, elected by the members of AUSS;

3.6 Terms of Office

- a. Senators by virtue of office shall serve for as long as they remain in office.
 - i. Serving as Faculty Chair shall not count against an individual's eligibility to serve as Teaching Staff Senators. I.e., terms served as Faculty Chairs do not count as Teaching staff senator terms as specified 3.6 [iv] or in Sections 20 and 22 of *The Algoma University Act*, 2008, S.O. 2008, C-13.
 - ii. For student senators, the normal term of office shall be one [1] year renewable for one consecutive term of one [1] year.
 - iii. For other non-Teaching Staff senators, the term of office shall be at the discretion of the respective constituencies, but shall not exceed a term of three [3] years, renewable for one consecutive term of three [3] years.
 - iv. For Teaching Staff Senators the normal term of office shall be three (3) years, renewable for one consecutive term of three (3) years.
 - v. For Part-Time Teaching Staff Senators, the normal term of office shall be one [1] year, renewable for one consecutive term of one [1] year.

Loss of Eligibility to Serve as Senators

- vi. If, during his or her term of office, a member of Senate elected or appointed under Chapter 2 ceases to be eligible for election or appointment to the Senate by virtue of a change in position or employment, he or she thereby ceases to be a member of Senate.

Exceptions, Student Graduation

vii. If a student member of the Senate graduates during her or her term of office, they may continue to sit as a member of the Senate until the next anniversary of the day of his or her re-election.

Renewal

viii. A member of the Senate is eligible for re-election or reappointment.

Limitation

ix. A person elected or appointed to the Senate may not be a member for more than two consecutive terms, but is eligible for reappointment or re-election after one year's absence from Senate.

Filling Vacancies

x. A vacancy on the Senate occurs if,

- a. A member resigns or ceases to be eligible for appointment or election to the Senate before the end of his or her term;
- b. A member is incapable to continue to act as a member and the Senate by resolution declares the membership to be vacated; or
- c. A member is absent from three meetings of the Senate with appropriate reasons.

xi. If a vacancy occurs in the Senate, prior to the three (3) months before the completion of the term, the Senate shall fill the vacancy according to the procedures provided in the By-laws of the Senate. (i.e. through a request to the Senate Executive for appointment of Senate through the respective Faculty);

- a. Determine, in accordance with its By-laws, whether or not to fill the vacancy; and
- b. If the vacancy is to be filled, fill the vacancy within the time period, and according to the procedures, provided in the By-laws of the Senate.

Attendance

xii. Within the Senate membership year (July 1-June 30), if a member of the Senate, who has not been granted a leave of absence, fails to attend three [3] regular meetings of the Senate, the Senate may by resolution declare such membership vacant. Members of the Senate have an obligation to represent their constituents by attending meetings of the Senate; therefore, regular attendance is a requirement.

- a. The Secretary of Senate shall remind Senators of the attendance requirement prior to the beginning of the regular meetings of the Senate year (typically early September);
- b. The responsibility of informing the Senator will be that of the Secretary of Senate.

Note: Senators who find they have an occasional scheduling conflict with Senate meetings such as teaching/laboratory or any other University-related commitment should appeal to the Secretary of Senate for attendance relief from the Senate. Such absences should be communicated in advance to the Secretary of Senate.

3.7 Leaves of Absence

- a. Teaching Staff members who are on authorized leaves of any kind shall not be obligated to serve on the Senate while on leave.
- b. Rejoining the Senate after a leave of one or more years shall make the member re-eligible to serve a first Senate term.

Senate Composition [effective July 1, 2024]:

49 Total Members:

1. Faculty Chairs [5]
2. Department Chairs [16]
3. Full-time faculty members [at-large] [6]
4. Part-time teaching staff [5]
5. Non-teaching staff members [7]
6. Members by virtue of office [9]

4. Chapter 4 – Officers of Senate and Duties

Officers of Senate shall be composed of the following:

- 4.1 The Speaker and Deputy Speaker;
- 4.2 The Secretary of Senate, who shall be the University Secretary or designate (non-voting member);
- 4.3 The Speaker shall be responsible for conducting all meetings of the Senate in accordance with the By-laws of the Senate. The Speaker shall ensure that all meetings follow the basic rules of Robert's Rules of Order. In the absence of the Speaker, the Deputy Speaker shall conduct the meeting.

4.4 The Secretary or, in the absence of the Secretary, the Secretary's designate, shall be responsible for recording the minutes of each meeting of the Senate, and for such other duties as are stated in the By-laws.

5. Chapter 5 – Elections and Term of Office

5.1 Elections and appointments to the Senate and its committees shall be made on or before the June Senate meeting of each year. The Speaker and Deputy Speaker shall be elected annually at June's Senate meeting from among the academic staff members of Senate;

5.2 Where a vacancy occurs due to resignation or other reason, the appropriate Faculty may conduct an election to fill the vacancy for the period until

5.3 Notwithstanding Ch. 5.1 and 5.2, Part-Time Teaching Staff representatives to the Senate shall be elected on or before the June Senate meeting of each year to serve a one-year term during the next Senate year.

5.4 Student members on committees of the Senate shall be nominated by student senators meeting in caucus.

5.5 There shall be Senate Representation to the Board, elected by the Senate from academic staff, in such numbers as prescribed by the By-laws of the Board. The representatives shall endeavor at all times to inform the Board of the majority opinion of the Senate in any board decisions pertaining to Senate matters. The representative shall be responsible for ensuring that Senate is informed full of:

- a. The outcome of all Senate recommendations conveyed to the Board; and
- b. Any other Board matters which affect Senate, subject to the Board's rules of confidentiality

The representatives shall have such other responsibilities as may be suggested to them from time to time by the Senate. The term of office shall be three years, once renewable.

6. Chapter 6 – Meetings

6.1 The Senate year is defined as beginning July 1.

6.2 Unless decided otherwise by the Senate or by the Senate Executive Committee, meetings of the Senate shall be held on the first Friday of each month except in January and September when it shall be held on the second Friday depending on the calendar year. No regular meetings shall be held in July and August. Notice of the dates of these meetings shall be given to Senators through electronic communication and shall be included in the academic calendar, where they are available to the public.

6.3 The Senate may hold *in camera* meetings when items of a personal and confidential nature are being discussed.

6.4 Unless otherwise decided by the Senate or Senate Executive Committee, regular meetings of the Senate shall begin at 1:00pm, and if, after the lapse of a quarter of an hour, there is not a quorum present, the regular meeting shall be deemed lost. Meetings of the Senate shall terminate at 3:00pm unless extended by a motion to continue. Such a motion requires a two-thirds majority.

6.5 All meetings of the Senate shall be conducted according to Robert's Rules of Order, unless otherwise determined by the Senate by two-thirds majority.

6.6 At the discretion of the Senate Executive Committee, a regular meeting of the Algoma University Senate may be canceled if:

a. The volume of business submitted for inclusion in the agenda is insufficient to warrant holding a meeting; and

b. There is no urgent or time-sensitive business requiring the disposition prior to the next regular meeting of the Senate

Special Meetings

6.7 A special meeting of the Senate, on the request in writing of not fewer than five [5] members, three [3] of whom must be Teaching Staff, shall be called by the Speaker, or Deputy Speaker, in the Speaker's absence, with forty-eight [48] hours notice [excluding statutory holidays and weekends] to be given to each member of Senate. Such a meeting shall consider only business which is specified in the notice of meeting, except that new business may be introduced by the unanimous consent of the members present.

Quorum

6.8 The quorum of the Senate shall be fifty (50) percent plus one of voting members of Senate, except at the May and June meetings and at any special meetings which may be called in July and August when quorum shall be one-third plus one.

6.9 To be valid and effective, all motions must be adopted at a meeting of the Senate by a simple majority of the members present unless otherwise specified in the By-laws.

6.10 The Secretary shall provide each member of the Senate with an agenda not fewer than seventy-two (72) hours prior to each meeting.

6.11 The agenda for each regular meeting shall be prepared by the Senate Executive Committee. Senators requesting that business be considered

by the Senate shall submit all items and supporting documentation proposed for the inclusion in the agenda to the Secretary of Senate, fifteen (15) calendar days prior to the regularly scheduled meeting of Senate (by noon two Thursdays prior to the Senate meeting).

6.12 Proceedings of all meetings of the Senate shall be recorded. A copy of the minutes of every meeting of the Senate shall be circulated with the agenda of the next meeting. At this meeting, the minutes shall be adopted after the correction and amendment, if necessary.

6.13 No motion introducing matters other than that listed in the agenda shall be taken into consideration at any regular meeting of the Senate except when accepted for consideration by a two-thirds majority of the members present.

Preserving Order

6.14 The Speaker of Senate:

- a. Maintains a neutral position during the Senate proceedings;
- b. Preserves order and decorum at all meetings of Senate;
- c. Ensures that Senators are given time to respond to the questions;
- d. May occasionally invite non-Senators to respond to the question or contribute to the debate.

Every member may respond a second time on the same question unless other members who have not already spoken wish to do so.

Any person who, in the opinion of the Speaker, engages in conduct unbecoming a member of the Senate shall withdraw from the meeting at the request of the Speaker. In the event that such a person refuses to withdraw, the Speaker may declare a short recess, or adjourn the Senate, and may declare that the continuation of such recessed or adjourned meeting be open only to members and official observers.

Voting

6.15 No member of the Senate may appoint or send a proxy to act or vote in the Senate.

Electronic Voting

6.16 In exceptional circumstances where time is of the essence and there is no reasonable possibility of convening a meeting, electronic voting is permissible. The use of electronic voting is to be determined by the Senate Executive Committee, or when this is not possible, the Speaker of Senate.

In circumstances where electronic voting is necessary, the wording of the motion and any background material shall be circulated to the Senate prior to the date scheduled

for the vote. Normally, a period of no less than two working days will be provided for

Senators to electronically post comments and/or questions about the motion, with this electronic discussion accessible to all Senators.

Immediately following this period, Senators will be asked to vote on the motion and their votes must be recorded with the Secretary of Senate on or before a specific date and time. Voting will be on the motion as presented. The result of the electronic vote shall be transmitted to the Senate and the number of votes shall be reported in the minutes. Senators may request that their own vote be reported in the minutes.

Note that in cases where secret ballots are necessary, the Senate Executive will consult with the Information Technology department to ensure the anonymity of the responses.

Meeting *in Camera*

6.17 When the Senate declares a meeting or part of a meeting *in camera*, reasons for so declaring will be clearly stated by the Speaker of the Senate prior to moving in camera. Where the Senate has resolved to move *in camera*, the room shall be cleared except for all members of the Senate and individuals requested by the Speaker to stay for purposes of assisting the Senate with its deliberations.

Only members entitled to be present *in camera* meetings may be informed of the proceedings that transpire. Accordingly, items of business dealt with by the Senate *in camera* shall appear as appendices to the record and shall be recorded in a spate of minutes, available only to members of the Senate

If any motions are passed *in camera*, upon returning to the open meeting, the Speaker will ask Senators for a motion to record the approval of those in camera motions in a manner that does not release confidential information.

7. Chapter 7 – Amendment of By-laws

7.1 By-laws of the Senate shall be adopted or amended by a two-thirds majority vote of all voting members at a regular meeting of Senate upon notice of motion duly made at a regular meeting of Senate.

8. Chapter 8 – Committees of Senate

8.1 There shall be the following standing committees of Senate:

- a. Academic Planning and Priorities Committee;
- b. Academic Regulations and Petitions Committee;
- c. Appeals and Academic Standards Committee;

- d. Board – Senate Liaison Committee;
- e. Curriculum Committee;
- f. Decanal Review/Search Committee;
- g. Senate Governance Committee
- h. I-EDI Committee
- i. Quality Assurance Committee;
- j. Research Advisory Committee;
- k. Senate Executive Committee;
- l. Teaching & Learning and Technical Support Committee;

8.2 The quorum for each committee shall be one-half of the voting membership of that committee.

8.3 The President and Vice-Chancellor and Vice-President, Academic and Research shall be ex-officio members of every committee of the Senate, unless otherwise stated in the By-laws.

8.4 Vacancies occurring in any committee of the Senate shall be those of the Senate.

8.5 The procedures of all committees of the Senate shall be those of the Senate.

8.6 Senate committees shall have the power to appoint advisors or consultants or to request their assistance, except that such persons shall not be members nor have any of the privileges of members.

8.7 Committees shall report in all instances directly to the Senate except that they may report to other Senate committees at their request. In this latter case, the report must be conveyed to the Senate as well.

8.8 All Senate committees shall serve for a one-year term commencing July 1, with the exception of Ad Hoc and Special Committees (eg. Decanal Review/Search Committee), the Quality Assurance Committee, and the Research Advisory Committee whose terms shall be set by the Senate in such Committee's Terms of Reference.

8.9 The Senate may, from time to time, strike ad hoc committees to deal with matters not appropriately or adequately served by the standing committees.

9. Chapter 9 – Chairs of Senate Committees

9.1 When membership to the Senate Committee has been identified and approved, the committee member whose last name is first in alphabetical order shall be responsible for scheduling the first meeting of the committee in the new Senate year. The first order of business for Senate Committees is to elect a Chair.

In all cases, the Committee Chair must be a member of the Senate.

The Committee Chair is responsible:

- a. To ensure that the mandate of the committee is followed and that the business conducted in an orderly and productive manner through regular meetings;
- b. To report the business of the committee to Senate, for example, a report at Senate containing recommendations in the form of a motion;
- c. To provide the committee's annual report, typically, at the June meeting of the Senate.

** revised October 4, 2024*

'As per the motion that was approved by the University Senate [03-May-24], the Senate has extended the sunset clause (until June 30, 2025) on proportional representation of the Algoma University Senate.

Curriculum Committee Recommendation: Approval

Revised Program Template + New Course Template; Cases in Management Science and Analytics

Senate Meeting Date: 04 OCT 2024

PURPOSE:

Expedited

PREPARED BY: Genevieve Lachapelle

Approval

Discussion

Information

Committee Name: Curriculum Committee (CURCOM)

Committee Chair: Sean Meades, Curriculum Committee Chair

Other Contributor(s): Robert Xu, Department Chair, Pelham Matthews, Faculty Chair

1.0 MOTION / DISCUSSION

MOTION:

CURCOM requests that the Algoma University Senate approves the following motion:

Moved [___ / ___]: that the Algoma University Senate approve the new course elective, ADMN 4047 (Cases in Management Science and Analytics) to the Finance, Economics, and Decision Sciences, Faculty of Business and Economics, as recommended by the Curriculum Committee.

Considerations for Senators:

In addition to the reinforcing student technical knowledge in Management Science and Analytics tools, this course helps students in:

- Analyzing cases in a business environment using quantitative methods
- Participating in discussions and group activities (teamwork) to solve problems in hand
- Communicating ideas, problems, and solutions orally (presentations) and in writing (reports)
- Develop an appreciation to active learning and case-based classes

2.0 EXECUTIVE SUMMARY

This course is an addition to the courses in Decision Sciences at Algoma U. Such courses revolve around management science / operations research / analytics tools and can be utilized as electives in the BBA and Bachelor in Economics programs and potentially other programs at Algoma U. The proposed course in this document is “Cases in Management Science and Analytics” and is a case-based course.

3.0 ANALYSIS

This course provides experience for students in solving real or realistic cases using analytical tools. It trains students using real world situations and strengthens their ability to communicate and present results. The cases used in the class will include cases purchased from renowned business schools (e.g., Ivey Business School) and thus contribute to high quality education. The course can be an elective to business programs and potentially other programs at AlgomaU, such as computer science. The course may also be used as an Elective in Masters programs currently under development.

4.0 ATTACHMENTS

[Revised Program Template](#)



REVISED PROGRAM TEMPLATE

NAME OF DEGREE PROGRAM(S) TO WHICH CHANGE APPLIES

List all Degree Programs to which change applies	BBA / BA4.FNEC/BA3.ECON
Academic Department(s)	Finance, Economics, and Decision Sciences
Indicate which sections of the template are being submitted (requirements are defined on pages 2-3)	Section A

APPROVAL SIGNATURES - MINOR MODIFICATIONS - SECTION A ONLY

This section will include all Names and Signatures of: Department Chairs, Faculty Chairs, and Curriculum Committee Chair. Please add additional rows if required.

List Name(s) of Department Chair(s)	Signature (electronic please)	Date
Robert Xu	<i>Robert Xu</i>	07-30-2024
Faculty Chair	Signature (electronic please)	Date
Pelham Matthews	<i>Pelham Matthews</i>	07-30-2024
Curriculum Committee Chair	Signature (electronic please)	Date
Sean Meades	<i>Sean Meades</i>	August 7, 2024

APPROVAL SIGNATURES - MAJOR MODIFICATIONS - SECTIONS B AND C

This section will include all Names and Signatures of: Chair of the Quality Committee and Chair of the Academic Planning and Priorities Committee.

Quality Assurance Committee Chair	Signature (electronic please)	Date
Academic Planning and Priorities Chair	Signature (electronic please)	Date

Is an endorsement from the Quality Council requested?

- Yes
- No

NOTES ON COMPLETING THE TEMPLATE

1. The documentation required for a program revision can vary according to the scope of the revision. Some program revisions are classified as major modifications (e.g., the establishment of an existing degree in a compressed format in a new location) while others are classified as minor modifications (e.g., the introduction of one new required course to a program). There are three sections in the template (Section A: required to be completed for all program revisions; Section B: required to be completed for all major modifications; and Section C: required to be completed for major modifications classified as substantial).
2. It is highly recommended assistance is sought from the Office of the CAO or a QualCom member for advice and assistance in the preparation of the template.
3. Text boxes will expand when needed. Check boxes can be selected by right clicking on the appropriate answer and selecting the check mark from the options.

DEFINITION OF MAJOR MODIFICATION

In cases where it is unclear whether a proposed change in program is a minor or major modification, a determination is made by QualCom. The decision of QualCom is binding.

A major modification to a program of study is defined as the following:

- A. Requirements for the program that differ significantly from those existing at the time of the previous cyclical review
 - i. The merger of two or more programs;
 - ii. New bridging options for college diploma graduates;
 - iii. Change of program name or degree of an existing program or degree;
 - iv. Major changes to courses comprising a significant proportion of the program (33% or greater)
 - v. The admission, promotion, and graduation requirements for the program where the change has an impact on the learning outcomes of the program;
 - vi. The deletion or addition of a specialization or minor (Note: we do not accept specializations for 3-year, General degrees);
 - vii. The length of the program;
 - viii. Introduction or deletion of an undergraduate thesis or capstone project.
 - ix. The introduction or deletion of a work experience requirement, including internships and practicums;
 - x. Introduction or deletion of breadth requirements;
 - xi. The closure or suspension of an undergraduate program, major, or certificate.
- B. Significant changes to the learning outcomes
 - i. Changes to program content, other than those listed in a) above, that affect the learning outcomes, but do not meet the threshold for a new program.
- C. Significant changes to the faculty engaged in delivering the program and/or to the essential physical resources as may occur, for example, where there have been changes to the existing mode(s) of delivery.
 - i. The mode of delivery such that a majority of required course credits in the program will be delivered using the new mode (33% or greater);
 - ii. Changes to the faculty delivering the program: e.g., a large proportion of the faculty retires or new hires alter the areas of research and teaching interests;
 - iii. A change in the language of program delivery;
 - iv. The establishment of an existing degree program at another institution or location;
 - v. Change to full- or part-time program options, or vice versa;
 - vi. Changes to the essential resources, where these changes impair the delivery of the approved program.

The following major modifications are normally categorized as substantial:

- the merger of two or more programs
- major changes to courses comprising a significant proportion of the program (33% or greater)
- change in language of program delivery
- the deletion or addition of a specialization or minor (Note: we do not accept specializations for 3-year, General degrees)
- the closure or suspension of an undergraduate program, major, minor, or certificate
- the mode of delivery such that a majority of required course credits in the program will be delivered at another institution or location.

SECTION A – ALL PROGRAM REVISIONS

This section is required to be completed for all program revisions.

Description of Change	Introducing a new course elective
Change from:	N/A
Change to:	N/A
Rationale for proposed change	This course is an addition to the courses in Decision Sciences at AlgomaU. Such courses revolve around management science / operations research / analytics tools and can be utilized as electives in the BBA and Bachelor in Economics programs and potentially other programs at AlgomaU. The proposed course in this document is “Cases in Management Science and Analytics” and is a case-based course.
Proposed date for implementation	Fall 2024
What is the nature of the program revision?	<input checked="" type="checkbox"/> Minor (Complete Section A only) <input type="checkbox"/> Major Modification - (Complete Sections A & B) <input type="checkbox"/> Major Modification - Substantial (Complete Sections A, B, & C)
Will any other programs be impacted by the proposed revision? If yes, describe any modifications to the Academic Calendar that will be required and the consultation you undertook with the other department.	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No if yes, please describe:
Are there additional forms attached?	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No if yes, please describe: New Course Template
Do the requested revisions constitute a cumulative change of 33% or more of the program within the academic year?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No if yes, please complete sections B and C

SECTION B- MAJOR MODIFICATIONS

This section is required to be completed for all major modifications.

Describe the character and substance of the proposed modification and any impacts it will have on the program's learning outcomes.
Include the rationale for the proposed modification and any impacts it will have on the program's learning outcomes.
Describe the impact of the proposed modification on the existing program, including the impact on current and future students.
Describe the fit of the proposed modification with the special mission, vision, strategic plan, and academic plan of Algoma University.
Describe the ways in which the proposed modification advances the relevancy of the curriculum and the future prospects of graduates with respect to employment in their field and/or further study.
Describe how the proposed modification contributes to the distinctiveness of the program in comparison to others.
Explain how the proposed modification enriches the student learning environment.
Describe the impact of the proposed modification on other programs, academic units, and university resources.

SECTION C – MAJOR MODIFICATIONS- SUBSTANTIAL

This section is required to be completed for all major modifications categorized as substantial.

The following major modifications are normally categorized as substantial:

- the merger of two or more programs
- major changes to courses comprising a significant proportion of the program (33% or greater)
- change in language of program delivery
- the deletion or addition of a specialization or minor (Note: we do not accept specializations for 3-year, General degrees)
- the closure or suspension of an undergraduate program, major, minor, or certificate

- the mode of delivery such that a majority of required course credits in the program will be delivered at another institution or location.

Provide detailed evidence of student demand to support the proposed modification (include supporting evidence).
Demonstrate how students were involved in the consultation process for the proposed modification.
Describe the role of external stakeholder groups and/or advisory committees in the development of the proposed modification.
Describe any proposed changes to the mode of delivery and the resources and expertise required to support the new delivery mode.
Provide a summary of any resources required to implement the major modification.

NEW COURSE TEMPLATE

Proposed Subject Code	ADMN4047
Proposed level	Senior undergrad level
Proposed Course Title	Cases in Management Science and Analytics
Academic Department(s)	Finance, Economics, and Decision Sciences, Faculty of Business and Economics

APPROVAL

Department approval	Yes	No
Faculty approval	Yes	No

NOTES ON COMPLETING THE TEMPLATE

*****An electronic copy of this form should be approved by the Department and Faculty and then sent to the Curriculum Committee Representative from your Faculty*****

- Once the new course proposal has been approved by the Curriculum Committee it will then be forwarded to Senate for approval
- **The addition of new courses to an existing program require this template to be submitted as an attachment to the completed Revised Program Template (page 33, section 2.5, IQAP).** For new programs, all new course templates and syllabi must be included in section 3 of the new program proposal.
- Courses that are to be split into two new half courses require the New Course Template as well as the Revised Course Template
- Text boxes will expand when needed. Check boxes can be selected by right clicking on the appropriate answer and selecting the check mark from the options.
- The course syllabus must be included as an attachment

COURSE SYLLABUS

Is a new course syllabus attached? (see Appendix A for Course Syllabus template)	Yes ✓	No
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COURSE DETAILS

Proposed Calendar Description (Use complete sentences):
This case-based course trains students in using management science and analytics tools in real-world situations. Students take the role of analytics consultants to solve real or realistic cases throughout the class. The students are expected to participate in class discussions and present their solutions. The cases cover sequential decision making, decision making under uncertainty, and simultaneous decision making. Tools include Excel Modelling, Decision analysis, Optimization, Simulation, and regression and applications include various business areas. Tools and applications may vary from one semester to another based on the selected cases.
Teaching Method (e.g., lecture, seminar):

Case-based teaching
Identify any prerequisites for this course:
ADMN2607 – Introduction to Management Science
Identify any courses this will be a prerequisite for:
N/A

Rationale for New Course (<200 words):
This course provides experience for students in solving real or realistic cases using analytical tools. It trains students using real world situations and strengthens their ability to communicate and present results. The cases used in the class will include cases purchased from renowned business schools (e.g., Ivey Business School) and thus contribute to high quality education. The course can be an elective to business programs and potentially other programs at AlgomaU, such as computer science. The course may also be used as an Elective in Masters programs currently under development.
Explain how this new course meets the program-level learning outcomes for any programs it contributes to:
In addition to the reinforcing student technical knowledge in Management Science and Analytics tools, this course helps students in: <ul style="list-style-type: none"> Analyzing cases in a business environment using quantitative methods Participating in discussions and group activities (teamwork) to solve problems in hand Communicating ideas, problems, and solutions orally (presentations) and in writing (reports) Develop an appreciation to active learning and case-based classes
Does content from this course overlap with that in any existing course?
The content builds on the material covered in ADMN2607 (Introduction to Management Science). So, there can be an overlap in terms of the theoretical methods used in the class. However, the teaching method and expectations of the two classes are different. ADMN2607 is a lecture-based class that introduces management science tools to students. The proposed class is case-based that builds on the tools learned in the introductory class and reinforces the students' knowledge with application to real world cases.
Will this course attract students from existing courses?
No

Can this course replace any existing courses (identify/explain)?
No
Will full time faculty teach this course?

Yes	
How will the Department handle the extra workload necessary to teach this course?	
The course will be taught by one of the current faculty members and may not be offered every semester.	
If this course is to be taught by part time faculty, what credentials are required for the instructor?	
PhD in Operations Research, Management Science, Industrial Engineering, or a closely relevant field	
Are additional Library resources needed?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Will the Department require additional funding for library resources related to this course?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Will the Department require new equipment/software for this course?	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>
Will this course be taught online in full or in part?	Preference is for in-person format, however an online or hybrid structure can be accommodated if the number of students is not large
What are the classroom requirements for this course?	
Regular sized classroom for in-person classes	

APPENDIX A
Algoma University
Department of Finance, Economics, and Decision Sciences
ADMN4047

Cases in Management Science and Analytics

Term and Year: Elective in Year 4

Class Hours: 3 Hours, Classroom: TBD

Instructor Information

Instructor: Instructor Name

Office: Office

Office Phone: Instructor Phone number

Office Hours: Office Hours

E-mail: Instructor Email

Extra information on contacting the instructor

Lab instructor: If applicable

Course Information

Course Calendar Description:

This case-based course trains students in using management science and analytics tools in real-world situations. Students take the role of analytics consultants to solve real or realistic cases throughout the class. The students are expected to participate in class discussions and present their solutions. The cases cover sequential decision making, decision making under uncertainty, and simultaneous decision making. Tools include Excel Modelling, Decision analysis, Optimization, Simulation, and regression and applications include various business areas. Tools and applications may vary from one semester to another based on the selected cases.

Course Prerequisites:

ADMN2607 – Introduction to Management Science

Methods of Instruction: Case-based

Learning Outcomes:

Upon completion of this course, students will be able to:

- Use Spreadsheets to build models for decision making
- Use tools for making decisions under uncertainty and sequential decision making
- Solve problems that require simultaneous decision making
- Make data-driven decisions and use predictive modelling tools
- Simulate problems and operations

Learning Objectives

This course aims to provide students with skills to:

- Analyze cases in a business environment using quantitative methods
- Participate in discussions and group activities (teamwork) to solve problems in hand
- Communicate ideas, problems, and solutions orally (presentations) and in writing (reports)

Required Textbook(s):

Bundle of selected cases (provided on course website)

Additional references, readings, documents, cases, and other learning material:

Additional supporting material will be provided by the course instructor

Course Website/CMS:**Course Requirements and Assessment**

Information on course requirements and assessments.

Assessment	Date of Evaluation (if known)	Weighting
Class Engagement and peer evaluations	Throughout the semester	20%
Class Case Presentations	TBA	35%
Final Case Analysis or Case Writing project and Presentation	TBA	45%
Total		100%

Description of Assessments can be provided below (optional):

Class Case Presentations: Students present their solutions, analyses, and extensions for cases discussed in class

Final Case Analysis: Students solve a final case without class discussion

**Case writing project: Students write a small case and its solution based on a real or realistic situation

Note: Upon the instructor's approval, students may choose to replace the Final Case Analysis with the Case Writing project.

Late Assignments

Instructor's policy on late work

Missed Tests and Exams:

Instructor's policy on missed tests and exams

The Final Examination Policy can be found at:

http://algonau.ca/media/styleassets/pdf/final_examination_policy.pdf

Class Schedule (General – See below for an example with actual cases)**Week 1:**

Introduction and course overview

Weeks 2 and 3:

Case 1 class discussion

Case 2 class discussion

Week 4:

Case 1 and Case 2 presentations
Exercises

Weeks 5 and 6:

Case 3 class discussion
Case 4 class discussion

Week 7:

Case 3 and Case 4 presentations
Exercises

Weeks 8 and 9:

Case 5 class discussion
Case 6 class discussion

Week 10:

Case 5 and Case 6 presentations
Exercises

Weeks 11 and 12:

Final case analysis or case writing (students work in groups during class time)
Final Presentations

Class Schedule (Example with Actual cases)**Week 1:**

Introduction and course overview

Weeks 2 and 3:

Case 1: Merck & Company: Product KL-798
Case 2: Brent-Harbridge Developments, Inc.

Week 4:

Case 1 and Case 2 presentations
Exercises

Weeks 5 and 6:

Case 3: Compass Maritime Services, LLC: Valuing ships
Case 4: IEC in Sports

Week 7:

Case 3 and Case 4 presentations

Exercises

Weeks 8 and 9:

Case 5: The Oakland A's (B)

Case 6: Northwest Newsprint, Inc. (A)

Week 10:

Case 5 and Case 6 presentations

Exercises

Weeks 11 and 12:

Final case analysis or case writing (students work in groups during class time)

Final Presentations

Academic Dishonesty:

The University takes a very serious view of such offences as plagiarism, cheating, and impersonation. Penalties for dealing with such offences will be strictly enforced.

The following web site contains a complete policy statement on academic dishonesty and attendance. Students are encouraged to read this policy for further clarification of these issues:

http://algomau.ca/media/styleassets/pdf/disciplinary_regulations_on_academic_dishonesty.pdf

Electronic Device Policy:

Instructor's policy on electronic devices

Attendance Policy:

The general regulations of the University require punctual and regular attendance at the various academic exercises. If there are extenuating circumstances related to an absence, the instructor should be notified. Absences in excess of 20% may jeopardize receipt of credit for the course.

Disability Accommodation:

If you are a student with a physical, learning, and/or psychological disability and plan to request any academic accommodations for this class, you are required to bring in an authorization letter from Disability Services listing the permitted accommodations. I will work with you to arrange your accommodations from the point in time that you deliver and discuss such an authorization letter with me. The Coordinator of Disability Services will keep your disability documentation confidential. Contact information is as follows: Coordinator of Disability Services 705-949-2301 ext. 4221; learning@algomau.ca

Curriculum Committee Recommendation: Approval

FNSPCD Certificate Revisions - CESD Program

Senate Meeting Date: 04 OCT 2024

PURPOSE:

Expedited

PREPARED BY: Genevieve Lachapelle,
Quality Assurance Officer

Approval

Discussion

Information

Committee Name: Curriculum Committee (CURCOM)

Committee Chair: Dr. Dionisio Nyaga

Other Contributor(s): Dr. Sean Meades,

1.0 MOTION / DISCUSSION

Moved [____ / ____]: that the Algoma University Senate approve the proposed program revision, minor modification to the First Nation Social Policy and Community Development Certificate, which includes the addition of course options, as recommended by the Curriculum Committee (CURCOM).

Considerations for Senators:

Senators are asked to recognize the revision to the Certificate that is housed in the CESD Department, by way of the addition of CESD 3456 as an option, and the addition of CESD 1807 OR COSC 1701 as being required. Please see below.

From:

Option of CESD 3456, CESD 3906/3907, or course approved by the department
COSC 1701 required

To:

Option of CESD 1806, CESD 3456, CESD 3906/3907, or course approved by the department
CESD 1807 or COSC 1701 required

CurCom, a standing committee of the Senate is responsible for reviewing and making recommendations to the Senate on proposed new courses and minor modifications to courses and programs for academic credit.

2.0 EXECUTIVE SUMMARY

The Curriculum Committee recommends approval of a revision to the Program. The purpose of which is that students who either came into their studies with basic computer literacy, and those who now receive this training through Modules 1 and 2 of FNSSAC or the additional supports offered by ONWAA will no longer be required to rehash these skills in a unique class. Those students deciding to continue on into a degree program rather than simply graduate with the certificate will now have to select 6 credits in the sciences, rather than having 3 of these credits previously covered by courses required by their certificate program.

3.0 ANALYSIS

The proposed revision to the Community Economic and Social Development Program will allow for the recognition of these credits as contributing to the 30-credit certificate, and is desirable given their alignment with the program level learning outcomes, namely:

- Examine key issues related to social services learning in First Nation contexts
 - Develop applied skills relevant to social service delivery including computer applications, basic finance and accounting skills, policy analysis, project management and proposal writing, and community outreach in First Nation communities.
-

4.0 ATTACHMENTS

1 of 1: [2024 Revisions FNSPCD Certificate Revised - CESD Program Template](#)




REVISED PROGRAM TEMPLATE

NAME OF DEGREE PROGRAM(S) TO WHICH CHANGE APPLIES

List all Degree Program(s) to which change applies	First Nations Social Policy & Community Development Certificate
Academic Department(s)	Community Economic and Social Development
Indicate which sections of the template are being submitted (requirements are defined on pages 2-3)	Minor Modification - Section A only

APPROVAL SIGNATURES - MINOR MODIFICATIONS - SECTION A ONLY

This section will include all Names and Signatures of: Department Chairs, Faculty Chairs, and Curriculum Committee Chair. Please add additional rows if required.

List Name(s) of Department Chair(s)	Signature (electronic please)	Date
Dr. Sean Meades		May 6, 2024
Faculty Chair	Signature (electronic please)	Date
Dr. Sheila Gruner		
Curriculum Committee Chair	Signature (electronic please)	Date
Dr. Dionisio Nyaga		

APPROVAL SIGNATURES - MAJOR MODIFICATIONS - SECTIONS B AND C

This section will include all Names and Signatures of: Chair of the Quality Committee and Chair of Academic Planning and Priorities Committee.

Quality Assurance Committee Chair	Signature (electronic please)	Date
Academic Planning and Priorities Chair	Signature (electronic please)	Date

Is an endorsement from the Quality Council requested?

- Yes
- No

NOTES ON COMPLETING THE TEMPLATE

1. The documentation required for a program revision can vary according to the scope of the revision. Some program revisions are classified as major modifications (e.g., the establishment of an existing degree in a compressed format in a new location) while others are classified as minor modifications (e.g., the introduction of one new required course to a program). There are three sections in the template (Section A: required to be completed for all program revisions; Section B: required to be completed for all major modifications; and Section C: required to be completed for major modifications classified as substantial).
2. It is highly recommended assistance is sought from the Office of the CAO or a QualCom member for advice and assistance in the preparation of the template.
3. Text boxes will expand when needed. Check boxes can be selected by right clicking on the appropriate answer and selecting the check mark from the options.

DEFINITION OF MAJOR MODIFICATION

In cases where it is unclear whether a proposed change in program is a minor or major modification, a determination is made by QualCom. The decision of QualCom is binding.

A major modification to a program of study is defined as the following:

- A. Requirements for the program that differ significantly from those existing at the time of the previous cyclical review
 - i. The merger of two or more programs;
 - ii. New bridging options for college diploma graduates;
 - iii. Change of program name or degree of an existing program or degree;
 - iv. Major changes to courses comprising a significant proportion of the program (33% or greater)
 - v. The admission, promotion, and graduation requirements for the program where the change has an impact on the learning outcomes of the program;
 - vi. The deletion or addition of a specialization or minor;
 - vii. The length of the program;
 - viii. Introduction or deletion of an undergraduate thesis or capstone project.
 - ix. The introduction or deletion of a work experience requirement, including internships and practicums;
 - x. Introduction or deletion of breadth requirements;
 - xi. The closure or suspension of an undergraduate program, major, or certificate.
- B. Significant changes to the learning outcomes
 - i. Changes to program content, other than those listed in a) above, that affect the learning outcomes, but do not meet the threshold for a new program.
- C. Significant changes to the faculty engaged in delivering the program and/or to the essential physical resources as may occur, for example, where there have been changes to the existing mode(s) of delivery.
 - i. The mode of delivery such that a majority of required course credits in the program will be delivered using the new mode (33% or greater);
 - ii. Changes to the faculty delivering the program: e.g., a large proportion of the faculty retires or new hires alter the areas of research and teaching interests;
 - iii. A change in the language of program delivery;
 - iv. The establishment of an existing degree program at another institution or location;

- v. Change to full- or part-time program options, or vice versa;
- vi. Changes to the essential resources, where these changes impair the delivery of the approved program.

The following major modifications are normally categorized as substantial:

- the merger of two or more programs
- major changes to courses comprising a significant proportion of the program (33% or greater)
- change in language of program delivery
- the deletion or addition of a specialization or minor
- the closure or suspension of an undergraduate program, major, minor, or certificate
- the mode of delivery such that a majority of required course credits in the program will be delivered at another institution or location.

SECTION A – ALL PROGRAM REVISIONS

This section is required to be completed for all program revisions.

Description of Change	Addition of course options for the First Nation Social Policy and Community Development Certificate.
Change from:	Option of CESD 3456, CESD 3906/3907, or course approved by the department COSC 1701 required
Change to:	Option of CESD 1806, CESD 3456, CESD 3906/3907, or course approved by the department CESD 1807 or COSC 1701 required
Rationale for proposed change	<p>CESD 1806: Ontario Works Financial Assistance Overview and CESD 1807: Ontario Works Employment Assistance Overview were adopted by Senate in 2023 and provide university recognition for Modules 1 and 2 of the Ontario Native Welfare Administrators Association’s joint certificate - First Nation Social Service Administrators Certificate (FNSSAC) - as credit equivalents. The First Nation Social Policy and Community Development Certificate was designed as a pathway option building off of the FNSSAC for those wishing to continue their education to a full 10-course, 30-credit undergraduate university certificate. This change allows for the recognition of these credits as contributing to the 30-credit certificate, and is desirable given their alignment with the program level learning outcomes, namely</p> <ul style="list-style-type: none"> ● Examine key issues related to social services learning in First Nation contexts ● Develop applied skills relevant to social service delivery including computer applications, basic finance and accounting skills, policy analysis, project management and proposal writing, and community outreach in First Nation communities. <p>These revisions are based on dialogue with Algoma University’s partner, the Ontario Native Welfare Administrators Association (ONWAA), and reflected in the 2023 agreement between the two parties.</p> <p>Additionally, COSC 1701 was initially included as a certificate requirement at the request of the community partner, ONWAA, as many of the prospective students coming from ONWAA’s membership at that time needed to improve their computer literacy skills to be more effective in the execution</p>

	<p>of their responsibilities. Since delivery modes for the FNSSAC modules have shifted to online, asynchronous models - initially provoked by the COVID-19 pandemic - these computer literacy skills have been embedded within the course activities for Module 1(CESD 1806) and Module 2(CESD 1807) and the supplemental supports offered by ONWAA to its members pursuing the certificate. Consequently, students completing CESD 1807 would have the requisite computer literacy skills, and would no longer need COSC 1701 to provide this foundation. Nonetheless, the department wishes to retain COSC 1701 as an option within the certificate for those students who decide to take the certificate but are not coming into the program from the FNSSAC pathway, and may not have regular access to CESD 1806 or CESD 1807.</p>
Proposed date for implementation	September 2024
<p>Is the proposed change being introduced to a program operating under Ministerial consent? <i>If yes, consult with Dawn White, Director, Program Quality and Experiential Learning (dawn.white@algonau.ca) prior to template completion.</i></p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> X No</p>
What is the nature of the program revision?	<p><input checked="" type="checkbox"/> X Minor (Complete Section A only) <input type="checkbox"/> Major Modification - (Complete Sections A & B) <input type="checkbox"/> Major Modification - Substantial (Complete Sections A, B, & C)</p>
<p>Will any other programs be impacted by the proposed revision? If yes, describe any modifications to the Academic Calendar that will be required and the consultation you undertook with the other department.</p>	<p><input type="checkbox"/> Yes <input checked="" type="checkbox"/> X No if yes, please describe:</p> <p>*Modification of the FNSSAC certificate listing requirements will be needed on the Academic Calendar and are currently highlighted for such, pending this approval.</p>

SECTION B- MAJOR MODIFICATIONS

This section is required to be completed for all major modifications.

Describe the character and substance of the proposed modification and any impacts it will have on the program's learning outcomes.
Include the rationale for the proposed modification and any impacts it will have on the program's learning outcomes.
Describe the impact of the proposed modification on the existing program, including the impact on current and future students.

Describe the fit of the proposed modification with the special mission, vision, strategic plan, and academic plan of Algoma University.
Describe the ways in which the proposed modification advances the relevancy of the curriculum and the future prospects of graduates with respect to employment in their field and/or further study.
Describe how the proposed modification contributes to the distinctiveness of the program in comparison to others.
Explain how the proposed modification enriches the student learning environment.
Students who either came into their studies with basic computer literacy, and those who now receive this training through Modules 1 and 2 of FNSSAC or the additional supports offered by ONWAA will no longer be required to rehash these skills in a unique class. Those students deciding to continue on into a degree program rather than simply graduate with the certificate will now have to select 6 credits in the sciences, rather than having 3 of these credits previously covered by courses required by their certificate program.
Describe the impact of the proposed modification on other programs, academic units, and university resources.
Though the change amounts to a reduction in courses required within the certificate from the School of Computer Science and Technology, this will have a minimal impact on the SCST as no more than 2 students at any given year registered in COSC 1701 were students of the First Nation Social Policy and Community Development Certificate, as this program is designed to promote access and pathways for unconventional learners and is not highly subscribed.

SECTION C – MAJOR MODIFICATIONS- SUBSTANTIAL

This section is required to be completed for all major modifications categorized as substantial.

The following major modifications are normally categorized as substantial:

- the merger of two or more programs
- major changes to courses comprising a significant proportion of the program (33% or greater)
- change in language of program delivery
- the deletion or addition of a specialization or minor
- the closure or suspension of an undergraduate program, major, minor, or certificate
- the mode of delivery such that a majority of required course credits in the program will be delivered at another institution or location.

Provide detailed evidence of student demand to support the proposed modification (include supporting evidence).
Demonstrate how students were involved in the consultation process for the proposed modification.
Describe the role of external stakeholder groups and/or advisory committees in the development of the proposed modification.
Describe any proposed changes to mode of delivery and the resources and expertise required to support the new delivery mode.
Provide a summary of any resources required to implement the major modification.

I-EDI Committee Recommendation: Addition of Graduate Student Member

Senate Meeting Date: 04 OCT 2024

PURPOSE:

Expedited

PREPARED BY:

Approval

Discussion

Information

Committee Name: I-EDI Committee

Committee Chair: Dr. Paulette Steeves

Other Contributor(s): Shannon Kelly, Associate University Secretary

1.0 MOTION / DISCUSSION

Moved [/]: that the Algoma University Senate approve the expansion of the Senate I-EDI Committee composition to include one graduate student as recommended by the Senate I-EDI Committee.

2.0 EXECUTIVE SUMMARY

The Senate I-EDI Committee was approved as a standing Committee of the Senate in December 2023 and its composition was approved in June 2024. At its first meeting, the Senate I-EDI Committee discussed its committee membership and noted that it currently did not include a graduate student. It was felt by the Committee that it would be important to gain the perspective of graduate students through the addition of a member of the graduate student body to the committee and would be beneficial in helping the Committee develop and fulfill its mandate. As such the Committee made a motion to recommend that the Senate approve the addition of one graduate student to the Committee composition.

3.0 ANALYSIS

The Senate I-EDI Committee is currently composed of the following membership:

- Two (2) members from each Faculty
- One (1) Part time teaching staff member
- One (1) Student member appointed by SASA
- One (1) Student member appointed by AUSU
- One (1) Staff member
- President & Vice Chancellor
- Vice-President Academic & Research
- Vice-President Nyaagaanid

If approved, outreach will be done within the graduate student community to bring forward a nomination for the Senate's approval.

4.0 ATTACHMENTS

None.

Faculty of Science Recommendation: Adjunct Professor of Biology Nomination of Dr Kenneth Lee

Senate Meeting Date: 04 OCT 2024

PURPOSE:

Expedited

PREPARED BY:

Approval

Discussion

Information

Committee Name: Faculty of Science, Paul Dupuis, Chair

1.0 MOTION / DISCUSSION

Moved [____ / ____]: That Dr. Kenneth Lee be appointed as an Adjunct Professor in the Department of Biology for a period of three years beginning October 11, 2024.

Considerations for Senators: This appointment is for a three year, renewable term and involves no remuneration. The nomination has been approved by the Department of Biology and the Faculty of Science.

2.0 EXECUTIVE SUMMARY

Following the [Senate Adjunct Professorship Policy](#), kindly consider this nomination of a colleague of Drs. Twiss, Madliger, and Dew for adjunct professor status in the Department of Biology.

Dr. Kenneth Lee (*curriculum vitae* is attached below) is a very accomplished ecotoxicologist who is a global expert on oil pollution in aquatic environments. He is science advisor to the Multiple Partner Research Initiative funded by Natural Resources Canada that is funding research on impacts of oil spills on the Great Lakes aquatic environment; Algoma University is funded to conduct research in this program (2023-2028). Dr. Lee is very interested in co-supervision of graduate theses and serving on graduate thesis committees. Currently we have two active graduate students in the MSc Biology program related to our MPRI project and anticipate a third starting next year (2025). Thus, approving Dr. Lee's status as an Adjunct Professor is timely and relevant.

3.0 ANALYSIS

- The nomination was shared with the Department of Biology on September 6th, 2024 and was voted unanimously in support.
 - The nomination was shared with the faculty of Science on September 9th, 2024 and was voted in support on September 20th.
-

4.0 ATTACHMENTS

1. The *curriculum vitae* of Dr. Kenneth Lee is attached.

KENNETH LEE

Kenneth Lee Research Inc.



Research Scientist Emeritus (retired)
National Senior Science Advisor for Oil Spill Research Preparedness and Response (retired)
Fisheries and Oceans Canada

QUALIFICATION HIGHLIGHTS

- Internationally recognized in the field of aquatic sciences with 35+ years of research and science management experience
- Author of 600+ scientific and technical publications with a Research Interest Score higher than 99% of ResearchGate members (14,973 citations, h-index 61 – Sept 2024)
- Substantial experience and proven capability in design and application of research programs for the development of policies and regulations to ensure the health and sustainability of the aquatic environment and its living resources
- Recognized for the ability to motivate, provide direction and leadership to members of the research community (government, industry and academia) in diverse fields to work under a team approach to address current and emerging environmental issues
- Proven ability to develop and manage collaborative multi-disciplinary scientific research programs at national and international levels
- Known for applying a broad scientific perspective towards decision making and development of high-impact innovative solutions
 - Science Advisor to senior officials in provincial and federal government, industry and academia
 - Federal representative on inter-governmental committees
 - Experience in the delivery and communication of scientific research and advice to the public and media with potential social, economic and political consequences
- Experience and expertise in the establishment and leadership of national and international science agendas
 - Chair of the National Academies of Sciences, Engineering and Medicine Committee to Review the Interagency Coordinating Committee on Oil Pollution Research (ICCOPR) 2022-2027 Research and Technology Plan
 - Advisory Committee Chair, Multi-Partner Research Initiative (Phase II) for Oil Spill Research, Natural Resources Canada
 - Science Lead, Multi-Partner Research Initiative (Phase I) for Oil Spill Research, Fisheries and Oceans Canada
 - National Senior Science Advisor – Oil Spill Research, Preparedness and Response – Fisheries and Oceans Canada
 - Director - Oceans and Atmosphere Business Unit and the Wealth from Oceans Flagship - Commonwealth Scientific Industrial Research Organisation (CSIRO)

- Executive Committee Member of the National Marine Science Committee of Australia
- Director of the Centre for Offshore Oil Gas and Energy Research and Science Advisor to the Science Management Board – Fisheries and Oceans Canada (DFO)
- Chair of the Canadian National Committee for the Scientific Committee on Oceanic Research (CNC-SCOR)

PROFESSIONAL AND TEACHING EXPERIENCES

2017 -
2022

Fisheries and Oceans Canada, Ecosystem Science, Ottawa, ON, Canada

National Senior Science Advisor – Oil Spill Research, Preparedness and Response, under the Ecosystem Science Directorate/Environment and Biodiversity Science Branch, responsible for the implementation of the Multi-Partner Oil Spill Technology Research Initiative, a key component of the Canadian Government's Ocean Protection Plan to advance oil spill research in Canada. To support science-based decision making for oil spill preparedness and response operations, the program includes the establishment of an integrated research program supporting world-leading collaborative research to improve our understanding of how oil spills behave, how best to contain and clean them, and how to minimize their environmental impacts.

Research Scientist Emeritus (May 2022) – Advisor for the development of DFO's new Environmental Response Science program.

2014 –
2017

Commonwealth Scientific Industrial Research Organization (CSIRO), Oceans and Atmosphere Business Unit, Australian Resources Research Centre, Kensington, WA, Australia

Director, Oceans and Atmosphere Business Unit, CSIRO (Australia's national science agency) with the goal to provide the knowledge required to enhance Australia's prosperity and wellbeing through research that will underpin sustainable economic, social, and environmental use of Australia's marine estate and the management of its atmospheric environment. This Business Unit (450+ staff, ~\$120M annual operating budget) was formed by the consolidation of CSIRO's Wealth from Oceans and Climate Adaptation Flagships with the CSIRO Marine and Atmospheric Research Division.

The BU's activities are focused on project delivery against 4 impact statements:

- Unlocking the Blue Economy
- Protection of the Marine and Atmospheric Environment
- Enhanced Security
- Emergency Response and Preparedness

2013 –
2014

Commonwealth Scientific Industrial Research Organization (CSIRO), Wealth from Oceans, National Research Flagship, Australian Resources Research Centre, Kensington, WA, Australia

Director of Wealth from Oceans Flagship within CSIRO with the responsibility to provide Australia with enduring social, environmental and economic wealth from its ocean territory by promoting R&D and the application of emerging technologies in ocean sciences.

Responsible for the development and leadership of national multi-disciplinary research teams that apply their expertise in a whole-of-ecosystem approach in areas as diverse as:

- Innovative ocean modelling and observing technologies
- Role of the oceans in climate change and variability
- Sustainable use and conservation of marine resources and biodiversity
- Climate change impacts on marine ecosystems, industries and coastal communities
- Sustainable development of offshore energy and mineral resources
- Multiple-use management of marine and coastal ecosystems.

2001 –
2013 Department of Fisheries and Oceans (DFO), Bedford Institute of Oceanography, Dartmouth, Nova Scotia

Founding Director of the Centre for Offshore Oil, Gas and Energy Research (COOGER), a national Centre of Expertise (COE) responsible for the identification of priority research needs and the coordination and implementation of collaborative national and international research programs with government and academia. The COE is responsible for the provision of scientific knowledge and advice (on the potential environmental impacts associated with the development of Canada's offshore oil and gas and ocean renewable energy sector) to support policy, regulatory and operational decisions.

Senior Research Scientist (RES-5 level) responsible for the development and implementation of original and independent research projects in environmental impact assessment, ecotoxicology and contaminated site remediation.

1989 –
2001 Department of Fisheries and Oceans, Maurice Lamontagne Institute, Mont-Joli, Quebec.

Research Scientist (Section Head, Microbiology and Hydrocarbons), responsible for the development and implementation of original and independent research projects in chemical oceanography that deal with biogeochemical processes in relation to microbial transformations of contaminants and other chemical and biochemical substances in estuarine and coastal environments. Scientific responsibilities included:

- Research on the development and evaluation of oil spill countermeasure technologies; and
- The development and validation of toxicity assays for environmental impact assessment; multidisciplinary studies to predict the risk of industrial activities/contaminants on ecosystem health.

1984 –
1989 Kenneth Lee Research Limited, Dartmouth, N.S.

Kenneth Lee Research Limited was a Canadian owned consulting and research organisation in the field of environmental sciences. With specialized expertise in chemical oceanography/microbial ecology, the company conducted numerous multidisciplinary research programs with government agencies, universities and industries on environmental processes, aquatic toxicology and contaminant monitoring.

1982 –
1984 NSERC Visiting Scientist with the Ocean Chemistry Division, Institute of Ocean Sciences, Sidney, B.C.

Research projects included studies to evaluate the role of microorganisms in the biodegradation of crude oil and oil dispersants in pelagic ecosystems and the measurement

of diurnal and seasonal rates of algal and bacterial productivity and sedimentation processes in Saanich Inlet (Carbon Fluxes Program)..

EDUCATION

Thesis

- Effects of vanadium on phytoplankton: Field and laboratory studies, Ph.D. (Biology – Microbial Ecology), University of Toronto, 1982.
- Bacterial and algal heterotrophy in lakes, M.Sc. (Biology – Limnology), University of Toronto, 1977.
- Diurnal fluctuation in photosynthetic pigments: Bedford Basin, B.Sc. (Marine Biology), Dalhousie University, 1975.

PROFESSIONAL AFFILIATIONS

Academia (Adjunct Professorships):

- Memorial University of Newfoundland - Faculty of Engineering & Applied Science (2011 – present)
- University of Western Australia – Oceans Institute (2014 – 2017)
- Concordia University: Department of Civil and Environmental Engineering (2011-2016; 2019-present)
- Dalhousie University – Faculty of Science, Department of Oceanography (2011-2014; 2020 – 2022)
- University of Quebec at Montreal - Department of Earth Sciences (1998 – 2000)
- University of Toronto – Department of Botany (1990 – 2002)
- University of Quebec at Rimouski – Department of Oceanography (1992 – 2002)

MAJOR AWARDS AND DISTINCTIONS

- 2024 Inaugural Senator Gary Peters Award for Innovation in Great Lakes Oil Spill Research. Presented during the commissioning ceremony of the U.S. Coast Guard Great Lakes Oil Spill Center of Expertise (GLCOE), Lake Superior State University, Center for Freshwater Research and Education, Sault Ste Marie, MI, USA.
- 2024 IOSC Lifetime Achievement Award – in recognition of outstanding contributions to the oil spill response community. Presented at the 2024 International Oil Spill Conference (IOSC), New Orleans, LA, USA.
- 2024 Inducted Fellow Canadian Academy of Engineering (FCAR) – in recognition of outstanding contributions to engineering in Canada. Annual Conference of the Canadian Academy of Engineering, London, ON, Canada.
- 2023 Award for Excellence in Leadership – award presented at the 6th annual conference of the global network on Persistent, Emerging and Organic Pollution in the Environment (PEOPLE 2023 International Conference): Collaborative Solutions to Environmental Problems under Climate Change, Montreal, Canada.

- 2023 Timothy R. Parsons Medal - for distinguished accomplishments in multidisciplinary facets of ocean sciences while working for Canadian Institutions or for the benefit of Canadian science. Presented at the 2023 Canadian Meteorological and Oceanographic Society (CMOS) Congress, St. John's, NL, Canada
- 2022 Discovery Award for Science and Technology “Hall of Fame” – Discovery Centre (Nova Scotia, Canada) award to an individual whose outstanding lifetime contributions helped make Nova Scotia a leader in science and technology innovation. <https://www.youtube.com/watch?v=pYFPr2qmB-M>
- 2021 Legacy Award - The Pacific States/British Columbia Oil Spill Task Force (for exemplary work in the field of oil spill prevention, preparedness and response and recognition for outstanding work and accomplishments to foster best practices, to support and protect communities, and to protect the environment).
- 2019 Prix d'Excellence (David C. Bevan Outstanding Career Award) Fisheries and Oceans Canada.
- 2012 Crystal Award, (Team Leadership Award for Scientific Research over the decade of 2002-2012 – Bedford Institute of Oceanography) Fisheries and Oceans Canada.
- 2012 Crystal Award, (Team Award for Discovery Science over the decade of 2002-2012 – Bedford Institute of Oceanography) Fisheries and Oceans Canada.
- 2011 Discovery Award for Science and Technology “Professional of Distinction” – Discovery Centre (Nova Scotia, Canada) award to a world-class science and/or technology researcher who demonstrates ingenious and innovative thinking in the creation of unique ideas, concepts, perspectives and processes.
- 2010 ADM Distinction Award (Science), Fisheries and Oceans Canada - for development of improved oil spill countermeasures and the leadership of Canada's oceanographic support team during the Gulf of Mexico DWH MC-252 Oil spill).
- 2010 Identified by Essential Science Indicators (*ScienceWatch.com*) as one of the top 10 scientists publishing on oil spills over the past decade based on the total papers and citations
- 2009 Nova Scotia Federal Council Award, Regional Environmental Emergencies Team (REET) – Atlantic (Team award for contribution towards interdepartmental/intergovernmental collaborations)
- 2006 Prix d'Excellence (Science), Fisheries and Oceans Canada.
- 2006 Science (Maritimes Region), RDG Distinction Award, Fisheries and Oceans Canada
- 2005 Oceans and Habitat ADM Distinction Award, Fisheries and Oceans Canada.
- 2004 Leadership Award, Federal Partners on Technology Transfer (FPTT) for the successful transfer of technology from a federal laboratory to the private sector, Government of Canada

REPRESENTATIVE COMMITTEE MEMBERSHIPS

International

- US National Academies of Sciences, Engineering and Medicine Committee (Chair) to Review the Interagency Coordinating Committee on Oil Pollution Research (ICOPR) 2022-2027 Research and Technology Plan
- Science Advisory Team Member for the Trade, Oceans and Natural Resources Directorate of the Commonwealth Secretariat to provide support on oil spill response operations to the Government of Mauritius following the MV Wakashio Spill
- US National Academy of Sciences/National Research Council Committee on Evaluation of the Use of Chemical Dispersants in Oil Spill Response
- Canadian Representative (Country presentation - Canada), Arctic Council - Emergency Prevention, Preparedness and Response (EPPR) Oil Spill Research and Development Workshop on oil spill response research for Arctic and other cold water environments (Bodo, Norway)
- International Scientific Advisory Committee (ISAC) - The Marine Environmental Observation Prediction and Response Network (MEOPAR) - Canada.
- Royal Society of Canada Expert Panel (Chair): The Behaviour and Environmental Impacts of Crude Oil Released Into Aqueous Environments
- International Advisory Board Member - Institute of Oceanology and Yantai Institute of Coastal Zone Research, Chinese Academy of Sciences (IOCAS)
- Executive Committee, Partnership for Observation of the Global Oceans (POGO)
- External Advisory Board Member - Gulf of Mexico Research Initiative (GoMRI) Dispersion Research on Oil: Physics and Plankton Studies Consortium (DROPPS)
- Oil Spill Prevention, Control, and Response Team/Expert Advisory Committee for the National Petroleum Council (An oil and natural gas advisory committee to the Secretary of Energy USA) – for preparation of the 2015 report “Arctic Potential: Realizing the Promise of U.S. Arctic Oil and Gas Resources”
- US National Academy of Sciences/National Research Council Committee on Arctic Oil Spill Response
- US National Academy of Sciences/National Research Council Committee on the Effects of the Deepwater Horizon Mississippi Canyon-252 Oil Spill on Ecosystem Services in the Gulf of Mexico
- International Maritime Organization (IMO) Working Group for the revision of Guidelines for Chemical Oil Dispersant Use (Co-chair)
- Joint Analysis Group (JAG) for surface and subsurface oceanographic, oil and dispersant data to interpret data collected at sea by survey vessels under the Unified Command Gulf of Mexico Oil Spill
- 2nd US Government interagency team comprised of the Department of the Interior (DOI), National Institute of Standards and Technology (NIST), and National Oceanic and Atmospheric Administration (NOAA) to produce a report for the National Incident Command entitled “Oil Budget Calculator” to ascertain the fate of the residual oil following the Gulf of Mexico oil spill.
- American Academy of Microbiology Committee (American Society of Microbiology) “Microbes and Oil Spills
- Committee Chair for Indian Ocean Region Workshop on Oil Spill Science Needs (An international conference to be hosted by the Australian Department of Foreign Affairs and Trade (DFAT)

- Australian Representative – 2nd Indian Ocean Rim Association (IORA) IORA Blue Economy Core Group Workshop on "Maritime Connectivity and Financing for Development in the Indian Ocean Rim", Qingdao, China.
- NATO Science for Peace and Security (SPS) Environment Security Panel
- Technical Advisory Committee (TAC) American Petroleum Institute (API) Joint Industry Task Force (JITF) for Oil Spill Planning and Response (OSPR) – Subcommittee D3 Subsea Dispersant Research
- American Petroleum Institute (API) Shoreline Protection & Cleanup R&D Workgroup
- US Environmental Protection Agency Expert Group for the Enbridge oil spill in Marshel Michigan, 2010.
- cANIMIDA (continuation Arctic Nearshore Impact Monitoring in the Development Area): Minerals Management Service (MMS), U.S. Department of the Interior
- Technical Advisory Committee, Joint Industry Partnership to Evaluate the Effects of Dispersed Oil in Cold Water Environments of the Beaufort and Chukchi Seas
- Associate Editor - Archives of Environmental Contamination and Toxicology
- Editorial Board Member (Americas) - Environmental Technology
- International Maritime Organization (IMO) Working Group for Marine Oil Spill Bioremediation Guidelines (Co-chair)
- Scientific Committee Oceanic Research (SCOR) of the International Council for Science (ISCU) - Canadian Representative (Nominated Member)
- Science Program Review Committee (Remediation): U.S. Office of Naval Research (ONR) and the Life Sciences Research Office (LSRO) of the Federation of American Societies for Experimental Biology (FASEB)

National

- Advisory Committee Chair, Multi-Partner Research Initiative - Canada's Ocean Protection Plan
- Advisory Committee - Canadian Science Advisory Secretariat (CSAS) Science Advisory Report: State of Knowledge on Chemical Dispersants for Canadian Marine Oil Spills
- Advisory Committee - Canadian Science Advisory Secretariat (CSAS) Science Advisory Report: Status Report on the Knowledge of the Fate and Behaviour of Diluted Bitumen in the Aquatic Ecosystems
- Science Advisory Report Science Advisor/Committee Member – Alternative Response Measures and Engagement, Canada's Oceans Protection Plan
- Science Advisor – Tsleil-Waututh Nation, Squamish Nation and Government of Canada Joint Study on the Fate and Behaviour of Diluted Bitumen in Burrard Inlet and the Fraser River Estuary.
- Science Advisory Team Member (Fisheries and Oceans Canada) – National Energy Board Hearings Process for the rans Mountain Expansion (TMX) Reconsideration
- Advisory Committee Member, The National Plan for Maritime Environmental Emergencies (National Plan) - Australia
- Reef 2050 Advisory Committee Member, Office of the Great Barrier Reef, Department of Environment and Heritage Protection, Government of Australia.
- Board of Directors Member, Antarctic Climate & Ecosystems Cooperative Research Centre (ACE-CRC), Australia
- Advisory Board Member, Integrated Marine Observing System (IMOS), Australia
- Science Advisory Committee, Centre for Australian Weather and Climate Research (CAWCR) - a

partnership between the Bureau of Meteorology and CSIRO Australian Maritime Safety Authority - AMSA).

- Executive Member, National Marine Science Committee, Canada (formally the Oceans Policy Science Advisory Group - OPSAG)
- Chair of the Canadian Foundation for Innovation (CFI) Grants Committee for Ocean Observation Systems.
- Canadian National Committee/Scientific Committee Oceanic Research (CNC/SCOR) - Chair and Past Chair
- Member of the Interdepartmental DG Committee on Marine Pollution (Transport Canada, Environment Canada, Public Safety, Natural Resources Canada, and Indian and Northern Affairs)
- Appointed Chair Marine Pollution R&D Committee under the Interdepartmental DG Committee on Marine Pollution
- Leader of a comprehensive review on the fate and effects of oil in the Arctic offshore for the National Energy Board (NEB) of Canada's Arctic Offshore Drilling Review
- Canadian Working Group to the Arctic Council Task Force on Marine Oil Pollution Preparedness and Response
- Technical Advisory Committee, Ocean Energy R&D, CANMET Energy Technology Centre, Natural Resources Canada.
- Natural Sciences Engineering Research Council (NSERC) Research Networks Selection Committee (RNSC)
- Advisory Group, Ecosystem Health and Wealth Strategic Theme Initiative Working Group, Genome Canada
- Science Program Management Committee for Offshore Environmental Impacts: Panel of Energy Research and Development (PERD) - Co-chair
- Science Program Management Committee for Groundwater and Soil Remediation: Panel of Energy Research and Development (PERD)
- National Working Group for Establishment of Seismic Guidelines: DFO Oceans Branch
- Environmental Health and Remediation: National Biotechnology and Genomics Research Coordination Committee (DFO)
- East Coast and Northern Advisory Committees of the Environmental Sciences Research Fund (ESRF): National Energy Board of Canada (NEB)
- Technical Review Committee: Toxic Substances Research Initiative (TSRI) Program of Health Canada
- Technical Review Committee and Advisor: DFO's Environmental Sciences Strategic Research Fund (ESSRF) and Environmental Science Program (NCC-ESP)
- Pacific Scientific Advice Review Committee (PSARC) for Working Paper H2002-01: Knowledge Gaps and Risks of Concern for BC Marine Environments from Offshore Oil & Gas Exploration, Development, Production, Transportation and Decommissioning.

Regional

- Member, Marine Technical Working Group – Environmental Protection Division/Environmental Emergency Program, Ministry of the Environment and Climate Change Strategy, British Columbia.
- Science Table Member – Canada Nova Scotia Offshore Petroleum Board (CNSOPB) Spill Response Exercise and review of the spill impact mitigation assessment (SIMA) in support of BP

Canada Energy Group ULC Scotian Basin Exploration Program.

- Science Advisor - Freshwater Oil Spill Remediation Study (FOReSt), Experimental Lakes Area Inc.
- Steering Committee Member, The Blueprint for Marine Science Initiative Implementation Strategy 2016-2018 (Western Australia)
- External Advisory Board Member – The Marine Research Centre at Macquarie University (MQMarine), Sydney, NSW, Australia
- Co-Chair of the Commonwealth Scientific Industrial Research Organisation (CSIRO) – University of Tasmania (UTas) Collaboration Committee,
- Board of Directors Member - Western Australian Marine Science Institution (WAMSI)
- Chair of the IOMRC (Indian Ocean Marine Research Centre) Executive Committee - a collaboration between CSIRO, the Australian Institute of Marine Science (AIMS), the Department of Fisheries and the Oceans Institute of the University of Western Australia.
- Research Advisory Committee (RSC) and Petroleum Area Sub-Committee (Petroleum and Tidal Research) - Offshore Energy Environmental Research (OEER) Nova Scotia Department of Energy
- Fundy Energy Research Network – Acadia University
- Board of Directors (elected April 2005) of Petroleum Research Atlantic Canada (PRAC)
- Environmental Program Evaluation Committee (Environmental PEC) of Petroleum Research Atlantic Canada (PRAC) formally the Atlantic Canada Petroleum Institute (ACPI) - Chair
- Research Selection Committee (RSC) of Petroleum Research Atlantic Canada (PRAC) formally the Atlantic Canada Petroleum Institute (ACPI)
- Sable Offshore Environmental Effects Monitoring Advisory Group (SEEMAG)
- Science Advisory Committee on Offshore Petroleum Activities (SACOPA)

PUBLICATIONS

1. Wang, Z, K. Lee, Q. Feng, C. An and Z. Chen (2024) Effect of nanobubbles on the mobilization of microplastics in shorelines subject to seawater infiltration. *Environmental Pollution*. 349: May 2024, 123950. DOI: 10.1016/j.envpol.2024.123950
2. Ye, X., B. Zhang, K. Lee, R. Storesund, S. Song, Q. Kang, P. Li and B. Chen (2024) A multi-criteria simulation-optimization coupling approach for effective emergency response in marine oil spill accidents. *J. Hazardous Materials*. 469: May 2024, 133832. DOI: 10.1016/j.jhazmat.2024.133832
3. Abou-Khalil, C., N. Fortin, W. Wasserscheid, R.C. Prince, C.W. Greer, K. Lee and M.C. Boufadel (2023) Microbial responses to increased salinity in oiled upper tidal shorelines. *International Biodeterioration & Biodegradation*. 181: July 2023, 105603. DOI: 10.1016/j.ibiod.2023.105603
4. Abou-Khalil, C., W. Ji, R.C. Prince, G.M. Coelho, T.J. Nedwed, K. Lee and M.C. Boufadel (2023) Field fluorometers for assessing oil dispersion at sea. *Marine Pollution Bulletin*. 192: (2023) 115143. DOI: 10.1016/j.marpolbul.2023.115143
5. Bhattacharyya, A., L. Liu, M. Walsh and K. Lee (2023) Membrane technology for treating decanted oily wastewater from marine oil spill operations: Comparison between membrane filtration and membrane bioreactor. *Marine Pollution Bulletin*. Part B, September 2023, 115397. DOI: 10.1016/j.marpolbul.2023.115397
6. Bi, H., C.N. Mulligan, K. Lee, C. An, J. Wen, X. Yang, L. Lyu and Z. Qu (2023) Preparation, characteristics, and performance of the microemulsion system in the removal of oil from beach sand. *Marine Pollution Bulletin*. 193: August 2023, 115234. DOI: 10.1016/j.marpolbul.2023.115234
7. Boufadel, M.C., T. Özgökmen, S.A. Socolofsky, V.H. Kourafalou, R. Liu and K. Lee (2023) Oil transport following the Deepwater Horizon blowout. *Annual Review of Marine Science*. 15: 67-93. DOI: 10.1146/annurev-marine-040821-104411
8. Feng, Q., C An Z. Chen, K. Lee and Z. Wang (2023) Identification of the driving factors of microplastic load and morphology in estuaries for improving monitoring and management strategies: A global meta-analysis. *Environ. Pollution*. 333(2):122014. DOI: 10.1016/j.envpol.2023.122014
9. Geng, X., C.H. Barker, A. MacFadyen, M.C. Boufadel, D.L. Thrift-Viveros, R.K. Jones, C. O'Connor and K. Lee (2023) A generic approach to construct pseudo components for oil weathering models. *Journal of Hazardous Materials*. 459: 5 October 2023, 132160. DOI: 10.1016/j.jhazmat.2023.132160
10. Geng, X., M.C. Boufadel, H. Li, V.N. Nagara and K. Lee (2023) Impacts of Evaporation-Induced Groundwater Upwelling on Mixing Dynamics in Shallow Wetlands. *Geophysical Research Letters*. 50 (15): e2023GL104642. DOI: 10.1029/2023GL104642
11. Hassanshahi, N., G. Hu, K. Lee and J. Li (2023) Effect of ultrasonic homogenization on crude oil-water emulsion stability. *Journal of Environmental Science and Health, Part A Toxic/Hazardous Substances and Environmental Engineering*. 58: 211-221. DOI: 10.1080/10934529.2023.2178788
12. Ji, W., C. Abou-Khalil, M.P. Jayalakshamma, M. Boufadel and K. Lee (2023) Post-formation of oil particle aggregates: Breakup and biodegradation. *Environmental Science & Technology* 2023 57 (6), 2341-2350. DOI: 10.1021/acs.est.2c05866
13. Keyvan Hosseini, M., L. Liu, P. Keyvan Hosseini, K. Lee and J. Miao (2023) Performance evaluation of a pilot-scale membrane filtration system for oily wastewater treatment: CFD modeling and scale-up design. *Journal of Water Process Engineering*. Volume 52, April 2023. DOI: 10.1016/j.jwpe.2023.103570
14. Li, J., K. Lee, B. Chen, G. Hu and S. Zhao (2023) Waste management of petroleum hydrocarbons in marine environment. *Front. Environ. Sci*. Volume 11-2023, 14 February 2023. DOI: 10.3389/fenvs.2023.1161030
15. Lee, K., G. Coelho, J.R. Loughery and B. de Jourdan (2023) Advances to the CROSERF protocol to improve oil spill response decision making. *Aquatic Toxicology*. 260: July 2023, 106580. DOI:

10.1016/j.aquatox.2023.106580

16. Liu, R., W. Ji, K. Lee and M. Boufadel (2023) Modeling the breakup of oil–particle aggregates in turbulent environments for projectile penetration. *Langmuir* 2023, 39, 7, 2808–2817. DOI: 10.1021/acs.langmuir.2c03312
17. Loughery, J.R., G.M. Coelho, K. Lee and B. de Jourdan (2023) Setting the stage to advance oil toxicity testing: Overview of knowledge gaps, and recommendations. *Aquatic Toxicology*. 261: August 2023, 106581. DOI: 10.1016/j.aquatox.2023.106581
18. National Academies of Sciences, Engineering, and Medicine (2023) Review of ICCOPR's 2022-2027 Oil Pollution Research and Technology Plan. Washington, DC. (K. Lee - Chair, J. Michel – Vice Chair, A.C. Bejarano, M.C. Boufadel, A. Firoozabadi, K. Hansen, S.D. Kapusta and D. Payton), The National Academies Press. DOI: 10.17226/26780
19. Parkerton, T.F., D. French-McCay, B. de Jourdan, K. Lee and G. Coelho (2023) Adopting a toxic unit model paradigm in design, analysis and interpretation of oil toxicity testing. *Aquatic Toxicology*. Volume 255, February 2023, 106392. DOI: 10.1016/j.aquatox.2022.106392
20. Pyke, R., N. Fortin, J. Wasserscheid, J. Tremblay, L. Schreiber, M-J. Levesque, S. Messina-Pacheco, L. Whyte, F. Wang, K. Lee, D. Cooper and C.W. Greer (2023) Biodegradation potential of residue generated during the in-situ burning of oil in the marine environment. *Journal of Hazardous Materials*. 445: 5 March 2023, 130439. DOI: 10.1016/j.jhazmat.2022.130439
21. Schreiber, L., N. Fortin, A. Mazza, C. Maynard, J. Wasserscheid, J. Tremblay, K. Lee and C.W. Greer (2023) An experimental oil spill at a tidal freshwater wetland along the St. Lawrence River re-visited after 21 years. *Environmental Research* 216, Part 1, 1 January 2023, 114456. DOI: 10.1016/j.envres.2022.114456
22. Schreiber, L., B. Hunnie, I. Altshuler, E. Góngora, M. Ellis, C. Maynard, J. Tremblay, J. Wasserscheid, N. Fortin, K. Lee, G. Stern and C.W. Greer (2023) Long-term biodegradation of crude oil in high-arctic backshore sediments: The Baffin Island Oil Spill (BIOS) after nearly four decades. *Environmental Research*. 233: 15 September 2023, 116421. DOI: 10.1016/j.envres.2023.116421
23. Wang, Z., C. An, K. Lee and Q. Feng (2023) Overlooked Role of Bulk Nanobubbles in the Alteration and Motion of Microplastics in the Ocean Environment. *Environ. Sci. Technology*. 57 (30): 11289–11299. DOI: 10.1021/acs.est.3c03270
24. Wang, Z., C. An, K. Lee, Q. Feng and B. Zhang (2023) Exploring the Role of Nanobubbles in the Fate and Transport of Spilled Oil on Shorelines. *ACS ES&T Water* 2023 3 (1), 30-40. DOI: 10.1021/acsestwater.2c00344
25. Yang, M., B. Zhang, X. Chen, Q. Kang, B. Gao, K. Lee, and B. Chen (2023) Transport of microplastic and dispersed oil co-contaminants in the marine environment. *Environ. Sci. Technol.* 57 (14): 5633–5645. DOI: 10.1021/acs.est.2c08716
26. Yang, Z., Z. Chen and K. Lee (2023) Development and testing of a 2D offshore oil spill modeling tool (OSMT) supported by an effective calibration method. *Marine Pollution Bulletin*. Volume 188, March 2023, 114696. DOI: 10.1016/j.marpolbul.2023.114696
27. Yue, R., Z. Ye, S. Gao, Y. Cao, K. Lee, C. An, Z. Qu and S. Wan (2023) Exploring the use of sodium caseinate-assisted responsive separation for the treatment of washing effluents in shoreline oil spill response. *Science of The Total Environment*. Volume 873, 15 May 2023, 162363. DOI: 10.1016/j.scitotenv.2023.162363.
28. Abou Khalil, C., R. Prince, C. Greer, K. Lee and M.C. Boufadel (2022) Bioremediation of petroleum hydrocarbons in the upper parts of sandy beaches. *Environmental Science & Technology*. DOI: 10.1021/acs.est.2c01338.
29. ben Hammouda, S., Z. Chen, C. An, K. Lee and A. Zaker (2022) Buoyant oleophilic magnetic activated carbon nanomaterials for oil spill cleanup. *Cleaner Chemical Engineering*. Volume 2 (June 2022, 100028). DOI: 10.1016/j.clce.2022.100028

30. Bhattacharyya, A., L. Liu, K. Lee and J. Miao (2022) Review of biological processes in a membrane bioreactor (MBR): Effects of wastewater characteristics and operational parameters on biodegradation efficiency when treating industrial oily wastewater. *Journal of Marine Science and Engineering*. 10:1229. DOI: 10.3390/jmse10091229
31. Bi, H., C. An, C.N. Mulligan, K. Zhang, K. Lee, and R. Yue (2022) Treatment of oiled beach sand using a green and responsive washing fluid with nonionic surfactant-modified nanoclay. *Journal of Cleaner Production*. 333: 20 January, 130122. DOI: 10.1016/j.jclepro.2021.130122
32. Bi, H., C. An, C.N. Mulligan, Z. Chen, K. Lee, J. Wen, Z. Qu and X. Chen (2022) Application of phase-selective organogelators (PSOGs) for marine oil spill remediation. *J. Mar. Sci. Eng.* 10: 1111. DOI: 10.3390/jmse10081111
33. Bi, H., C.N. Mulligan, C. An, E. Owens, K. Lee, E. Taylor, J. McCourt, J. Yin, Q. Feng and R. Yue (2022) Development of a calcium alginate-cellulose nanocrystal-based coating to reduce the impact of oil spills on shorelines. *Journal of Hazardous Materials* Volume 436, 15 August 2022, 129228. DOI: 10.1016/j.jhazmat.2022.129228
34. Cao, Y. B. Zhang, Q. Cai, Z. Zhu, B. Liu, G. Dong, C.W. Greer, K. Lee and B. Chen (2022) Responses of Alcanivorax species to marine alkanes and polyhydroxybutyrate plastic pollution: Importance of the ocean hydrocarbon cycles. *Environmental Pollution* 313: November 2022, 120177. DOI: 10.1016/j.envpol.2022.120177
35. Cao, Y., B. Zhang, C. Greer, K. Lee, Q. Cai, X. Song, J. Tremblay, Z. Zhu, G. Dong and B. Chen (2022) Metagenomic and metatranscriptomic responses of chemical dispersant application during a marine dilbit spill. *Applied and Environmental Microbiology*. 12 January 2022 (aem0215121). DOI: 10.1128/aem.02151-21
36. Cao, Y., Q. Kang, B. Zhang, Baiyu, Z. Zhu, G. Dong, Q. Cai, K. Lee and B. Chen (2022) Machine learning-aided causal inference for unraveling chemical dispersant and salinity effects on crude oil biodegradation. *Bioresource Technology*. 345: February 2022. DOI: 10.1016/j.biortech.2021.126468
37. Chen, B., B. Liu, J. Ling, E.J. Matchinski, G. Dong, X. Ye, Xudong, F. Wu, W. Shen, J. Li, L. Liu, K. Lee, L. Isaacman, S. Potter, Stephen, B. Hynes and B. Zhang (2022) Development of Advanced Oil/Water Separation Technologies to Enhance the Effectiveness of Mechanical Oil Recovery Operations at Sea: Potential and Challenges. Available at SSRN: <https://ssrn.com/abstract=4067183> or <http://dx.doi.org/10.2139/ssrn.4067183>
38. Daisy, N.S., M.H. Hafezi, L. Liu and K. Lee (2022) A Comprehensive Review of Canadian Marine Oil Spill Response System through the Lens of Decanting Regulations and Practices. *Journal of Marine Science and Engineering*. 10: 1310. DOI: 10.3390/jmse10091310
39. Daskiran, C., F. Cui, M. Boufadel, R. Liu, L. Zhao, T. Ozgokmen, S. Socolofsky and K. Lee (2022) Computational and experimental study of an oil jet in crossflow: Coupling population balance model with multiphase large eddy simulation. *Journal of Fluid Mechanics*. 932: A15. DOI:10.1017/jfm.2021.1002
40. Daskiran, C., R. Liu, K. Lee, J. Katz and M.C. Boufadel (2022) Estimation of overall droplet size distribution from a local droplet size distribution for a jet in crossflow: Experiment and multiphase large eddy simulations. *International Journal of Multiphase Flow*. 156: November 2022, 104205. DOI: 10.1016/j.ijmultiphaseflow.2022.104205
41. Dong, G., B. Chen, B. Liu, Y. Cao, B. Jourdan, S.R. Stoyanov, J. Ling, X. Ye, K. Lee and B. Zhang (2022) Comparison of O₃, UV/O₃, and UV/O₃/PS processes for marine oily wastewater treatment: Degradation performance, toxicity evaluation, and flocs analysis. *Water Research*. 226: November 2022, 119234. DOI: 10.1016/j.watres.2022.119234
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43. Farahani, M.D., M. Abdrabou, H. Zhang, J. Zhu, F. Wang, K. Lee and Y. Zheng (2022) In situ burning of crude oils using iron oxide nanoparticles as additives. *Fuel*. 330: December 2022, 125568. DOI: 10.1016/j.fuel.2022.125568
44. Feng, Q., C. An, Z. Chen, Y. Zhang, E. Owens, K. Lee, B. Li, E. Taylor and Z. Wang (2022) Exploring the effects of substrate mineral fines on oil translocation in the shoreline environment: Experimental analysis, numerical simulation, and implications for spill response. *Journal of Hazardous Materials*. Volume 437, 5 September 2022, 129341. DOI: 10.1016/j.jhazmat.2022.129341
45. Feng, Q., C. An, Z. Chen, J. Yin, B. Zhang, K. Lee and Z. Wang (2022) Investigation into the impact of aged microplastics on oil behavior in shoreline environments. *Journal of Hazardous Materials*. 421: 5 January 2022. DOI: 10.1016/j.jhazmat.2021.126711
46. Geng, X., C. An, K. Lee and M.C. Boufadel (2022) Modeling oil biodegradation and bioremediation within beaches. *Current Opinion in Chemical Engineering*. 35: March 2022, DOI: 10.1016/j.coche.2021.100751
47. Geng, X., C. Barker, A. MacFayden, M.C. Boufadel, K. Lee, D.L. Thrift-Viveros, R. Jones and C. O'Connor (2022) Oil biodegradation in permeable marine sediments: Effects of benthic pore-water advection and solute exchange. *Journal of Hazardous Materials*. Volume 436, 15 August 2022, 129211. DOI: 10.1016/j.jhazmat.2022.129211
48. Hosseinipooya, S.A., G. Hu, K. Lee, J. Li, K.T.W. Ng and H.L. Vu (2022) A system dynamics modeling approach for estimation of oily waste generation from marine oil spill response: A case study of an oil spill in central coast of British Columbia. *Frontiers in Environmental Sciences*. *Front. Environ. Sci.* Volume 10 – 2022, 15 June 2022. DOI: 10.3389/fenvs.2022.902229
49. Iravani, R., C. An, M. Mohammadi, K. Lee and K. Zhang (2022) Experimental and modeling studies of the effects of nanoclay on the oil behaviors in a water-sand system. *Environmental Science and Pollution Research*. (2022) 29:50540–50551. DOI: 10.1007/s11356-022-19150-w
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Faculty of Science Recommendation: Motion for the Appointment of Dr. Chris MacQuarrie as Adjunct Professor

Senate Meeting Date: 04 OCT 2024

PURPOSE:

Expedited

PREPARED BY:

Approval

Discussion

Information

Committee Name: Faculty of Science, Laurie Bloomfield, Acting Dean

MOTION / DISCUSSION

Moved[_____/_____] : That Dr. Chris MacQuarrie be appointed as an Adjunct Professor in the Department of Biology for a period of three years beginning July 1 2024.

Considerations for Senators:

This appointment follows the Senate Adjunct Professorship Policy and is an appointment for a three-year renewable term. The nomination has been approved by the Department of Biology and the Faculty of Science.

2.0 EXECUTIVE SUMMARY

Dr. Chris MacQuarrie has served as an Adjunct Professor at multiple leading Canadian institutions, including the University of Toronto and University of Guelph. He is a well-respected Research Scientist at Natural Resources Canada with extensive experience in forest pest management. His research focuses on invasive species and pest control, contributing significantly to both academic and applied aspects of forest management.

3.0 ANALYSIS

Dr. MacQuarrie's appointment as Adjunct Professor is backed by his distinguished academic career and his work with federal agencies. His ongoing research collaborations with the Canadian Forest Service and the University of Guelph align with Algoma University's commitment to excellence in research and education.

His publications in the areas of forest entomology, pest management, and invasive species are widely recognized, making him a valuable asset to the university's faculty and research community.

Attachments:

[1. Curriculum Vitae of Dr. Chris MacQuarrie](#)

Curriculum Vitae

Chris J K MacQuarrie BSc., MSc., PhD.

Natural Resources Canada Canadian Forest Service
Great Lakes Forestry Centre
Sault Ste. Marie, Ontario

[REDACTED]
[REDACTED]
[REDACTED]

Current Position

Research Scientist – Pest Management.
Natural Resources Canada Canadian Forest Service
Great Lakes Forestry Centre.

Education

PhD - Forest Biology and Management. Department of Renewable Resources, University of Alberta, Edmonton, Alberta. 2008

M.Sc. – Biology. Department of Biology, University of New Brunswick, Fredericton, New Brunswick. 2002

B.Sc. (Honors) – Biology. Department of Biology, University of Saskatchewan, Saskatoon, Saskatchewan. 1999

Current Projects

Impact of biological control agents of emerald ash borer in Canada.

Population dynamics of invasive species in Canada's forests

Development and testing of phytosanitary treatment regimes for invasive forest pests

Risk assessment and management responses to hemlock woolly adelgid incursion into Ontario.

Publications

Preprints

I. **MacQuarrie CJK**, Gray M, Bullas-Appleton E, Kimoto T, Mielewczyk, Neville R, Ogden JB, Fidgen JG, Turgen JJ. The distribution of the hemlock woolly adelgid in Canada. bioRxiv. doi: 10.1101/2024.07.18.604084.

Submitted

- I. **MacQuarrie CJK**, Gray M, Bullas-Appleton E, Kimoto T, Mielewczyk, Neville R, Ogden JB, Fidgen JG, Turgen JJ. The distribution of the hemlock woolly adelgid in Canada. *Submitted to The Canadian Entomologist*.
- II. Dearborn K, Smith S, Inward D, *MacQuarrie CJK*. Fraxinus foliage: does host species during adult maturation feeding alter the fecundity of emerald ash borers, *Agrilus planipennis* Fairmaire (Coleoptera: Buprestidae)? *Submitted to Environmental Entomology*.
- III. Noseworthy MK, Allen EA, Hébert C, Bélanger S, John E, MacQuarrie CJK, Martel V, Souque T. Reducing pest risk in birch wood products - The effective heat treatment for bronze birch borer *Agrilus anxius* (Coleoptera: Buprestidae) prepupae. *Submitted to Journal of Applied Entomology*.
- IV. Venier L, Thompson I, Cooke B, Brandt J, McIntire E, McKenney D, Arsenault A, Bakka K, Edwards J, Emilson EJS, Gagné C, Girardin M, Hanes CC, Judge A, Leach J, MacAfee K, MacDonald H, **MacQuarrie CJK**, Mansuy N, Mooney C, Morris DM, Oshier R, Paré D, Reid DEB, Smiley B, Smyth C, Whitman E, White JC, Wulder MA, Stinson G. Indicators for measuring forest degradation in Canada. *Submitted to Environmental Reviews*.
- V. Shi Z, Gray M, **MacQuarrie CJK**, Moola F, Ni Y, DeVries B. Characterizing the spectral-temporal signatures of eastern Hemlock (*Tsuga canadensis*) Using Sentinel-2 satellite images and phenology modelling. *Submitted to Forest Ecology and Management*.

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I. Cornelson CT, **MacQuarrie CJK**, and Lee S.-I. in press. Modeling the distribution of hemlock woolly adelgid under several climate change scenarios. Canadian Journal of Forest Research. doi: 10.1139/cjfr-2023-0275.

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Fewster V, Fidgen JG, **MacQuarrie CJK** 2021. Hemlock woolly adelgid. Natural Resources Canada Canadian Forest Service Great Lakes Forestry Centre Frontline Express 89. [reprinted in French]

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MacQuarrie CJK, Jones G, Martel V, Sweeney J, Roe AD, Ryall, K. 2021. Release of exotic parasitoids for biological control of the emerald ash borer in Canada. SERG-I project report.

MacQuarrie CJK. 2020. Forest Insects. p 33-34 *in* Natural Resources Canada, The State of Canada's Forests 2020. [Uncredited contribution]

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MacQuarrie CJK, Jones G, Martel V, Sweeney J, Roe AD, Ryall, K. 2020. Release of exotic parasitoids for biological control of the emerald ash borer in Canada. SERG-I project report.

MacQuarrie, CJK, Allison J, Carleton D, Johns R, Fidgen J. 2019. Optimization of trapping parameters for spruce budworm sampling. SERG-I project report.

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performance of intercept trap designs for longhorned beetles. Dryad, Dataset. doi: 10.5061/dryad.n5tb2rbsc.

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Roe AD, **MacQuarrie CJK**, Gros-Louis M, Simpson JD, Lamarche J, Beardmore T, Thompson SL, Tanguay P, Isabel N. 2014. Data from: Fitness dynamics within a poplar hybrid zone: II. Impact of exotic sex on native poplars in an urban jungle. Dryad, Dataset, doi: 10.5061/dryad.6vk6f .

Other Media Contributions

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<https://theconversation.com/the-emerald-ash-borer-has-arrived-in-b-c-what-can-we-do-about-it-229853>

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Parker WC, Derry V, Elliott KA, **MacQuarrie CJK**, Reed S. 2023. Hemlock wooly adelgid management guidelines and silvicultural tactics. *The Professional Forester*. 250 (June): 8-9.

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MacQuarrie CJK. 2022. *Up Front*. *Bulletin of the Entomological Society of Canada* 54(4)

MacQuarrie CJK. 2021. Why an invasive caterpillar is munching its way through tree leaves, in the largest outbreak in decades. *The Conversation.com*.
<https://theconversation.com/why-an-invasive-caterpillar-is-munching-its-way-through-tree-leaves-in-the-largest-outbreak-in-decades-163346>. [reprinted in French; syndicated in French in Magazine L'actualité, Le Droit and Le Soleil]

MacQuarrie CJK, Konopka J. 2020. Now tell us what you really think – again: Results of a survey of ESC members attending the 2019 ESC-CSEE-AES joint meeting. *Bulletin of the Entomological Society of Canada*. 52(1): 39-41.

MacQuarrie CJK, Konopka J. 2018. Now tell us what you really think – results of a survey of members and JAM participants. *Bulletin of the Entomological Society of Canada*. 50(2): 70-74.

MacQuarrie CJK. 2014 Dear Buggy/Cher Bibitte – Signing off. *Bulletin of the Entomological Society of Canada*. 46(4): 200-202.

MacQuarrie CJK. 2014 Dear Buggy/Cher Bibitte – Excellence at Interviewing. *Bulletin of the Entomological Society of Canada*. 46(3):129-131

MacQuarrie CJK. 2014 Dear Buggy/Cher Bibitte – Balance your life. *Bulletin of the Entomological Society of Canada*. 46(2):67-69

MacQuarrie CJK . 2014 Dear Buggy/Cher Bibitte – Investigate your options. *Bulletin of the Entomological Society of Canada*. 46(1):16-18.

MacQuarrie CJK. 2013. Review of: *Writing Scientific Articles 2nd edition* *Bulletin of the Entomological Society of Canada* 45(4): 194-197.

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<http://escsecblog.com/2013/01/28/dear-buggy-a-discussion-on-data/> [published 28 January 2013]
- MacQuarrie CJK.** 2012. Dear Buggy: Writing your first manuscript. Official blog of the Entomological Society of Canada. Online at:
<http://escsecblog.com/2012/08/24/dear-buggy-writing-your-first-manuscript/> [published 24 August 2012]
- MacQuarrie CJK.** 2012. Dear Buggy: Where do research ideas come from? Official blog of the Entomological Society of Canada. Online at:
<http://escsecblog.com/2012/07/18/dear-buggy-where-do-research-ideas-come-from/> [published 18 July 2012]
- MacQuarrie CJK.** 2012. Dear Buggy/Cher Bibitte – Managing your methods. Bulletin of the Entomological Society of Canada. 44(3): 104-106
- MacQuarrie CJK.** 2012. Dear Buggy/Cher Bibitte – Taming your time. Bulletin of the Entomological Society of Canada. 44(2): 70-72
- MacQuarrie CJK.** 2012. Dear Buggy/Cher Bibitte – Peer review pointers. Bulletin of the Entomological Society of Canada. 44(1): 6-8.
- MacQuarrie, CJK.** 2011. Dear Buggy/Cher Bibitte – Managing your connections. Bulletin of the Entomological Society of Canada 43(4):175-177.
- MacQuarrie, CJK.** 2011. Dear Buggy/Cher Bibitte – Revising your submission. Bulletin of the Entomological Society of Canada. 43(1): 6-8.
- MacQuarrie, CJK.** 2010. Dear Buggy/Cher Bibitte – Constructing your figures. Bulletin of the Entomological Society of Canada. 42(3): 135-138.
- MacQuarrie, CJK.** 2010. Dear Buggy/Cher Bibitte – Publishing your thesis. Bulletin of the Entomological Society of Canada. 42(2): 63-64.
- MacQuarrie, CJK.** 2010. Dear Buggy/Cher Bibitte – Ordering your authors. Bulletin of the Entomological Society of Canada. 42(1): 7-9.
- MacQuarrie, CJK.** 2009. Dear Buggy/Cher Bibitte – Improving your presentations. Bulletin of the Entomological Society of Canada. 41(4): 168-170.
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MacQuarrie, CJK. 2009. Dear Buggy/Cher Bibitte – Locating your literature. Bulletin of the Entomological Society of Canada. 41(1): 11-13.

MacQuarrie, CJK. 2008. Dear Buggy/Cher Bibitte – Serving your society. Bulletin of the Entomological Society of Canada. 40(4): 168-169.

MacQuarrie, CJK. 2008. Dear Buggy/Cher Bibitte – Finding your project. Bulletin of the Entomological Society of Canada. 40(3): 113-114.

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Grants

Internal NRCan operating funding ca. \$35,000 - \$100,000 per year.

2022-2023 Climate change-mediated variation in diet for outbreaking forest defoliators – impacts on insect disease and implications for pest management. Spray Efficacy Research Group \$3,500 Role: Co-lead PI.

2021-2023. Insecticides for protection of hemlocks from hemlock woolly adelgid: efficacy and effects on non-target aquatic invertebrates. Spray Efficacy Research Group, \$20,000. Role: Co-lead PI.

2021. Developing an inventory of eastern Hemlock for Ontario. Forestry Futures Trust. \$20,900. Role – Co-lead PI.

2019. Critical issues threatening the viability of Eastern Canada’s hardwood lumber and value-added hardwood exports. Quebec Wood Export Bureau, \$28,000. Role – Co-lead PI. (non competitive grant).

2019-2021 Rearing, release, and evaluation of exotic parasitoids for biological control of the emerald ash borer in Canada. Spray Efficacy Research Group, \$36,000. Role: Co-lead PI.

2018-2020 Winter survival of emerald ash borer in their coldest locality. Canadian Forest Service-Western University Collaborative Research Project. \$100,000. Role: Co-lead PI.

2016-2019 Assessment of integrated measures including bark removal, heat treatment and moisture reduction to address the pest risk of *Agrilus* in wood. Canadian Food Inspection Agency \$81,500. Role: Co-lead PI.

2017-20 Modelling the development of emerald ash borer in its expanding range. Spray Efficacy Research Group \$35,000 (total); Defra (UK) \$19,000/year; Forest Research (UK) \$4,900. Role: Co-lead PI

2017-18 Validation of emerald ash borer branch sampling and estimation of 2 year life cycle in northern populations. Spray Efficacy Research Group \$12,500. Role: Lead PI

2017-18 Optimization of trapping parameters for spruce budworm sampling. Spray Efficacy Research Group \$10,000. Role: Lead PI

2017 Predation rates in endemic and outbreaking forest tent caterpillar populations. Spray Efficacy Research Group \$6,000. Role: Co-PI

2016-17 Validation of a spruce budworm phenology model across environmental and genetic gradients: applications for budworm control and climate change predictions. Spray Efficacy Research Group \$35,000. Role: Co-PI

2015 Ecogenomics of the spruce budworm. NRCan Genomic Resources Development Initiative \$71,325. Role: Project Partner, responsible for field component of grant.

2015-17 Measuring the active space of a spruce budworm pheromone trap: bridging the gap between chemical ecology and estimates of absolute population density. Spray Efficacy Research Group \$40,000. Role: Co-PI

2014-2016 Tools for monitoring and predicting the effect of novel interactions between brown spruce longhorn beetle (*Tetropium fuscum*), spruce beetle (*Dendroctonus rufipennis*), and spruce budworm (*Choristoneura fumiferanae*). Spray Efficacy Research Group \$13,000
Role: Project partner.

2014-2016 Improving predictive models of Forest Tent Caterpillar outbreak dynamics Spray Efficacy Research Group International \$47,000. Role: Lead PI

2013 Suitability of north western Ontario climate to invasion by the mountain pine beetle. Invasive Species Partnership Fund (Ontario Ministry of Natural Resources) \$11,500. Role: Lead PI

2011 Determination of tolerable injury levels for emerald ash borer management. Invasive Species Partnership Fund (Ontario) \$22,000. Role: Lead PI

2010 Mortality of emerald ash borer populations along a temporal gradient of invasion in urban forests Invasive Species Partnership Fund (Ontario) \$23,000. Role: Lead PI

Fellowships, Scholarships and Awards

Finalist for New Brunswick Knowledge and Innovation Recognition Award – Innovation Champion (Budworm Tracker team). 2017

Natural Resources Canada departmental achievement award for excellence in science (awarded to the Budworm Tracker team). 2016

Canadian Government Laboratory Visiting Fellow. \$53,287/year. 2008, 2009.

NSERC Postgraduate Scholarship- Doctoral 2. \$21,000/year. 2005, 2006.

Canadian Forest Service NSERC Graduate Supplement. \$5 000/year. 2005, 2006

Walter H. Johns Graduate Fellowship. University of Alberta. \$4,622/year. 2005, 2006.

Experience

Professorships

Adjunct Professor, University of Guelph, Department of Geography, Environment & Geomatics. 2022-present

Adjunct Professor. University of Toronto, University of Toronto, Institute of Forestry and Conservation, John H. Daniels Faculty of Architecture, Landscape and Design. 2018-present

Research positions

Research Scientist (RES 03). Natural Resources Canada, Great Lakes Forestry Centre, Sault Ste. Marie, Ontario. 2018-present

Research Scientist (RES 02). Natural Resources Canada, Great Lakes Forestry Centre, Sault Ste. Marie, Ontario. 2012-2017

Research Scientist (RES 01). Natural Resources Canada, Great Lakes Forestry Centre, Sault Ste. Marie, Ontario. 2010-2011

Visiting Fellow. Canadian Forest Service – Northern Forestry Centre, Edmonton, Alberta. 2008-2010

Forest Entomology Technician. Canadian Forest Service – Atlantic Forestry Centre, Fredericton, New Brunswick 2002—2003

Research Assistant - Forest entomology. Univ. of New Brunswick, Fredericton, New Brunswick, 2002

Research Affiliate - Agricultural entomology Potato Research Centre – Agriculture and Agri-food Canada, Fredericton, New Brunswick 2000—2002

Research Assistant. Plant Gene Resources Canada. Saskatoon, Saskatchewan. 1999-2000.

Research Assistant in agricultural entomology. Saskatoon Research Centre – Agriculture and Agri-food Canada, Saskatoon, Saskatchewan. 1998—1999

Solicited consultations

2023 Natural Resources Canada Crawford Nickel Project review (internal request) . Provided expertise and information on effect of a proposed resource extraction project on black ash.

2023 Province of Ontario pesticide emergency registration. Provided advice, information and guidance to support emergency registration applications for insecticides to treat hemlock wooly adelgid in Ontario.

2023 Ontario Ministry of Environment, Conservation and Parks; Canadian Wildlife Service and Parks Canada emerald ash borer recovery plans. Provided advice, information and guidance to federal and provincial agencies developing response and recovery plans for emerald ash borer and black ash.

2023 Workshop on the Heat Treatment of Solid Wood Packaging Material. Represented Canadian science perspective on effective heat treatment of wood packaging to prevent movement of invasive species between countries.

2022 Garrison Petawawa Environmental Services. Provided advice and guidance on survey and detection methods for emerald ash borer on Department of National Defense property.

2022 The Nature Conservancy (USA) on structure and composition of Canadian cooperative extension programs for national report of mitigation of invasive species through restrictions on movement of firewood
(<https://www.dontmovefirewood.org/firewood-regulation-certification-and-recommendation-report/>)

2021 Wilmar Europe on use of pheromones for monitoring of spongy moth (gypsy moth) and market opportunities in North America.

2021 Provided information, data and advice to Mr Brett MacDonald, Graduate student, University of Manitoba on emerald ash borer phenology and modeling.

2021 Invited participant and case study subject for NRCan Science Communication Handbook.

2021 Invited interviewee Canadian Food Inspection Agency podcast – “Bug fight: the emerald ash borer vs. parasitic wasps”
<https://inspection.canada.ca/inspect-and-protect/episode-4/eng/1633713369501/1633713370814>

2021 Invited member of steering committee. Entomological Society of America *Lymantria dispar* re-naming working group. (remote participation). (advise on Canadian perspective for new common name for ‘Gypsy moth’)

2021 Invited reviewer for North American Plant Protection Organization document on contaminating organisms affecting trade in wood commodities and forestry products.

2021 Requested by UK Department for Environment, Food and Rural Affairs to provide information, data and advice on release on parasitoids for control of emerald ash borer in North America.

2021 Requested by Parks Canada to advise on development of climate envelope models for critical forest pests in National Parks. (email solicitation)

2021 Requested by Canadian Food Inspection Agency to prepare evaluation of emerald ash borer biological control program for risk analysis of emerald ash borer. (email solicitation)

2019 Invited expert participant. City of Toronto – Pesticide use in High Park for the control of Gypsy Moth. Toronto, Ontario (remote participation). (advise on pest management efforts against the insect).

2018 Invited Expert Participant, European Food Safety Authority risk-rating exercise for emerald ash borer in Europe, Vienna, Austria. (Invited panel of experts to assess and review existing emerald ash borer literature to develop risk-ratings for the insect in Europe).

2018 Invited workshop presenter: Preparing Europe for invasion by the beetles emerald ash borer and bronze birch borer, two major tree-killing pests. Vienna, Austria (OECD-funded workshop of North American experts advising on responses to these to forest pests).

2018 Consultant to Ontario Ministry of Environment, Conservation and Parks on use of biological control to manage invasive species in protected areas.

2017 Invited workshop presenter: Emerald ash borer is here, now what? Thunder Bay Emerald ash borer response working group. Thunder Bay, Ontario.

2016 Consultant to city of Thunder Bay on response to new detection of emerald ash borer.

2015, 2017 Invited expert participant: Invasive Species Centre / Ontario Ministry of Natural Resources and Forestry mountain pine beetle workshop. Sault Ste. Marie, Ontario.(workshop developing risk assessment –risk response strategies for the province of Ontario for mountain pine beetle)

2014 Invited expert presenter: Emerald ash borer biology and epidemiology. Ontario Emerald ash borer workshops. Kingston and Orillia, Ontario. (oral presentation to land owners and forest managers)

2013 Expert reviewer: Emerald Ash Borer Pest Risk Assessment for Ontario and Manitoba.

2013 Expert reviewer: Canadian Forest Service Spruce budworm strategy paper.

2013 Invited expert presenter: Mountain pine beetle ecology, fire interactions, and winter temperature as a constraint on eastern expansion of the mountain pine beetle. Ontario Ministry of Natural Resources fire behaviour analyst workshop. Sault Ste. Marie, Ontario. (oral presentation to fire management professionals)

2012 Invited expert participant: National forest pest strategy emerald ash borer risk assessment workshop. Great Lakes Forestry Centre, Sault Ste. Marie, Ontario. (Workshop developing risk assessment –risk response strategies for the province of Ontario and Manitoba for emerald ash borer)

2012 Invited expert participant Canadian Forest Service mountain pine beetle workshop, Pacific Forestry Centre. (workshop setting research priorities for NRCan).

2011 Invited expert participant Canadian Forest Service spruce budworm workshop, Laurentian Forestry Centre. (workshop setting research priorities for NRCan).

Guest Lectures & Seminars

Forest Entomology, University of Toronto, 2024.

Management of emerald ash borer. Concordia University, Montreal Quebec, 2020.

Emerald ash borer ecology and management. University of Manitoba, Winnipeg, Manitoba, January 2018.

Applied insect ecology and mountain pine beetle. Algoma University. Sault Ste. Marie, Ontario. 2014.

Forest Disturbances – Lakehead University 2012

Principles of Managing Natural Diversity. Dept. of Renewable Resources – University of Alberta.

Maritime College of Forest Technology, Fredericton, New Brunswick.
Conservation Biology. Dept of Biology, University of New Brunswick.

Teaching

Principles of Managing Natural Diversity - Teaching Assistant. Dept. Renewable Resources – University of Alberta. 2004 – 2007.

Introduction to Forestry - Teaching Assistant. Dept. Renewable Resources – University of Alberta. 2004.

Zoology - Teaching Assistant. Dept. of Biology, University of New Brunswick. 2002.

Management of Insects and Fungi - Teaching assistant. Department of Forestry and Environmental Management, University of New Brunswick. 2001.

Applications in Biology I and II - Teaching assistant. Dept. of Biology, University of New Brunswick. 2000, 2001.

General Biology – Teaching assistant Dept. of Biology, University of Saskatchewan. 1999.

Graduate Students, Interns and Co-op's supervised

Graduate students

K Dearborn, PhD, University of Toronto 2018-present

P Singh, PhD, University of Toronto 2021-present

Z Shi, MSc, University of Guelph, 2021-2024

C Cornelson, MSc, University of Toronto, 2023-present

J. Casagrande, MSc, Algoma University, 2024-present

Interns

A. Perrin 2018 Algoma University

T. Clarke 2018 Algoma University

Co-ops

D. Fromme 2017. Sault College

Committees and Councils

Active

Chair

Co-Chair, North Central Forest Pest Workshop organizing committee, 2023-present
Co-Chair, Ontario Hemlock Woolly Adelgid Science Working group, 2023-present.
Chair, Entomological Society of Canada Public Education Committee, 2023 - present

Member

Hemlock wooly adelgid managers meeting planning committee, 2023-present
Canadian Biological Control Review Committee, 2020-present
AAFC Biological Control Working Group, 2019-present
Ontario Forest Health Review and Ontario Forest Health Showcase planning committee, 2019-present.

Previous

Chair, Entomological Society of Canada nominations committee, 2023 - 2024
President, Entomological Society of Canada, 2022-2023.
Program co-chair, Joint Meeting of the Entomological Societies of America, Canada and British Columbia 2021-2022.
Co-Chair, Hemlock Woolly adelgid technical advisory committee, 2017-2019
Program co-chair, Joint Meeting of the Entomological Societies of America, Canada and British Columbia 2017-2018.
Chair, Entomological Society of Canada Annual Meeting committee 2013 - 2023
Acting Co-Chair – Ontario Critical Plant Pest Management Committee - Hemlock Woolly Adelgid Technical Subcommittee 2017-2018
Co-Chair, Entomological Society of Ontario Annual General Meeting, 2016.
Chair, Great Lakes Forestry Centre 'Above and Beyond Committee 2012 - 2017
Past President, Entomological Society of Canada Governing Board 2023-2024.
First Vice-President, Entomological Society of Canada Governing Board 2021-2022.
Second Vice-President, Entomological Society of Canada Governing Board 2020-2021.
Logistics Chair, Canadian Institute of Forestry Annual Meeting & Conference 2019-2022.
NRCan Deputy Minister's Innovation Award Committee 2018-2020
Eco-Evo-Ento organizing committee 2018-2019
NRCan CFS Assistant Deputy Minister's Innovation Award Committee 2015 - 2018.
Entomological Society of Canada International Congress of Entomology ad-hoc organizing committee 2014

Joint Meeting of the Entomological Societies of Canada and Ontario, Organizing Committee 2013

Forest Pest Management Forum [Canada] Steering Committee 2012-2016

North Central Forest Pest Workshop Organizing committee 2012

Director-at-Large; Entomological Society of Canada Governing Board 2011-2014

Memberships in Professional Organizations

Entomological Society of America

Entomological Society of Canada

Editorial Boards

Editor, Journal of the Entomological Society of Ontario 2015-2023

Associate Editor, Canadian Journal of Forest Research 2018-present

Associate Editor, Agricultural and Forest Entomology, 2021-present

Guest subject editor, The Canadian Entomologist 2013-2014 *Proceedings of a symposium on current state of knowledge on emerald ash borer.*

Reviews for Scholarly Journals (last 5 years)

2024 Agricultural and Forest Entomology (1), Ecology and Evolution (1), Environmental Entomology (2), Geo-Spatial Information Science (1), Journal of Economic Entomology (1), Pest Management Science (1).

2023 Agricultural and Forest Entomology (2), Ecological Entomology (1), Environmental Entomology (1), Journal of Applied Ecology (1), Journal of Applied Ecology (1), Journal of Applied Meteorology and Climatology (1); Journal of Integrated Pest Management (1); Pest Management Science (1); Scientific Reports (1)

2022 Plos One (2), Journal of Economic Entomology (2), Agricultural and Forest Entomology (2), Journal of Insect Behavior (1), Basic and Applied Ecology (1)

2021 Agricultural and Forest Entomology (1), Physiological Entomology (1), Ecosphere (1), Plants, People, Planet (1).

2020 The Canadian Entomologist (1), Forests (1). Conservation Science and Practice (1), Journal of Insect Behavior (2), Ecosphere (1), Plants, People, Planet (1), Environmental Entomology (1), Journal of the Entomological Society of British Columbia (1)

Reviews for Granting agencies and funding bodies

2024 Czech Fulbright Commission (1)

2023 Alberta Conservation Association (1)

2022 Minnesota Invasive Terrestrial Plants and Pests Center (1); Agence Recherche [France] (1); Swiss National Science Foundation (1)

2021 Alberta Conservation Association (1)
Presentations

Conferences and Workshops

Symposia organized

Perspectives on diversity. 2022 ESA, ESC and ESBC Joint Annual meeting. Vancouver British Columbia, November 2022. 3 speakers (co-organized with Dr. J Ware, American Museum of Natural History).

A new vision for biological control in Canada. Joint meeting of the Entomological Societies of Canada and Ontario. Virtual. November 2021. 11 speakers (joint organized with Dr. R Labbe, Agriculture and Agri-food Canada and Dr. R. Buitenhuis, Vineland Research)

When do old plays work and when do we need to rewrite them? North American Forest Insect Workshop. Virtual. May 2021. 8 speakers (joint organized with Dr. S. Smith, University of Toronto).

Invasion Ecology, Population Dynamics and Sustainable Management of the Emerald Ash Borer. 2018 ESA, ESC and ESBC Joint Annual meeting. Vancouver British Columbia, November 2018. 14 speakers; 12 submitted posters.

The changing face of biological control in forest ecosystems. North American Forest Insect Workshop. Washington, D.C., U.S.A, May 2016. 4 speakers.

The science of emerald ash borer, where are we after 10 years of research? Joint meeting of the Entomological Societies of Canada and Ontario. Guelph, Ontario October 2013. 10 speakers.

Informing current research on wood and bark boring beetles with lessons from the past. North American Forest Insect Work Conference. Portland, Oregon. May 2011. 5 Speakers.

Invited Oral Presentations

MacQuarrie CJK. Emerald ash borer biological control in Canada...next steps. 2024. Atlantic Canada Forest Health Workshop, Fredericton, New Brunswick. January 2024.

Derry V, MacQuarrie CJK. Multifaceted monitoring for hemlock woolly adelgid. Part 1: The Fellowship of the trap. 2023. Pest Forum. Ottawa, Ontario. December 2023.

Shi Z, DeVries B, MacQuarrie CJK. Developing an Inventory of Eastern Hemlock for Ontario. 2023 Forest Resources Inventory Knowledge Transfer and Tool Development Round 3 Webinar Series. November 2023.

MacQuarrie CJK. Emerald ash borer and the urban forests of Western Canada. 2023 ESC and ESS Joint Annual meeting. Saskatoon, Saskatchewan, October 2023

Sweeney J, Edge C, MacQuarrie CJK, Hughes C, Gray M, Lagalante A. 2023. Insecticides for protecting hemlocks from hemlock woolly adelgid: efficacy and impacts on non-targets. Ontario Invasive Species Forum. February 2023. Virtual

Fewster V, MacQuarrie CJK. Honing Survey Methods for Hemlock Woolly Adelgid in Ontario. 2022. Pest Forum. Ottawa, Ontario. December 2022

Mielewczyk N, MacQuarrie CJK 2022. Research awareness and community science: Limiting the spread of hemlock woolly adelgid in Ontario. Ontario Community Forest Managers, Cobourg Ontario. October 2022.

Hemlock Woolly Adelgid Expert Panel - Question and Answer Session. 2022. Invasive Species Centre Webinar Series. October 2022

Neville R, MacQuarrie CJK. 2022. Research, Awareness and Community Science: Limiting the Spread of Hemlock Woolly Adelgid in Ontario. Invasive Species Centre Webinar Series. August 2022.

MacQuarrie CJK. 2022. Estimate of cold tolerance in emerald ash borer, and implications on that for management of the insect. National invasive species & climate change symposium. June 2022.

Duell M, MacQuarrie CJK. 2022. Plasticity drives extreme cold tolerance of emerald ash borer during a polar vortex. Invasive Species Centre Webinar Series. May 2022

MacQuarrie CJK, Lyons DB, Seehausen ML and Smith SM. History of biological control in Canadian Forests. International Symposium on Biological Control of Arthropods. March 2022.

MacQuarrie CJK. Forest pest research update. Ontario Invasive Species Forum. [online]. March 2020.

MacQuarrie CJK. The emerald ash borer in 2020: Update and opportunities for management. Ontario Forest Health Review. [online] February 2020.

MacQuarrie CJK. Status and update on the management of EAB in Canada. Invasive Species Centre Virtual Symposium Series. [online]. December 2020.

MacQuarrie CJK. Combatting the green menace: Management of emerald ash borer in Canada. Norfolk Woodlot Owners Association. Delhi, Ontario. March 2020.

MacQuarrie CJK. Emerald ash borer: Lethal Temperature and systems approach to phytosanitary treatment. Phytosanitary challenges for the hardwood industry (workshop). Belloil, Quebec. January 2020.

MacQuarrie CJK. Update on biological control of emerald ash borer. Credit Valley Conservation Authority Research Colloquium. Mississauga, Ontario. November 2019 (remote presentation).

Ryall K, MacQuarrie CJK. Challenges, successes and future prospects for the management of EAB in Canada. Pest Forum, Ottawa, Ontario, December 2019.

MacQuarrie CJK Update on biological control of emerald ash borer. York Region. Newmarket, Ontario. April 2019 (remote presentation).

Ryall K, MacQuarrie CJK. Update on the biological control of emerald ash borer in eastern Canada. Pest Forum, Ottawa, Ontario, December 2018.

MacQuarrie CJK, Lavallée R, Humble L. Assessment of the systems approach for the phytosanitary treatment of ash wood infested with emerald ash borer (*Agrilus planipennis*). Ontario Invasive Species Forum. Sudbury, Ontario. November 2018.

Scarr T, MacQuarrie CJK. Forging the links from research to policy to practice. 2018 ESA, ESC and ESBC Joint Annual meeting. Vancouver British Columbia, November 2018.

Ryall, K. Duan J. MacQuarrie CJK. Early evidence of impact of introduced parasitoids on emerald ash borer (*Agrilus planipennis*) in Canada. 2018 ESA, ESC and ESBC Joint Annual meeting. Vancouver British Columbia, November 2018.

MacQuarrie CJK. Take off, eh: Population dynamics of emerald ash borer (*Agrilus planipennis*) in the great white north. 2018 ESA, ESC and ESBC Joint Annual meeting. Vancouver British Columbia, November 2018.

MacQuarrie CJK, Ryall K. Update on the biological control of emerald ash borer in eastern Canada. Ontario Forest Health Review, Sault Ste. Marie, Ontario, October 2018.

MacQuarrie CJK. Emerald ash borer population dynamics and range expansion in Canada. Preparing Europe for invasion by the beetles emerald ash borer and bronze birch borer, two major tree-killing pests. Vienna, Austria, October 2018.

MacQuarrie CJK, Ryall K. Emerald ash borer ecology and management. Kemptville Woodlot Conference, Kemptville, Ontario. 21 February 2018.

MacQuarrie CJK, Ryall K. Emerald ash borer ecology and management. National Capital Commission Capital Urbanism Lab - Public Science at the NCC: Gatineau Park, the Greenbelt, and Urban Lands and Parks. Ottawa, Ontario 16 November 2017

MacQuarrie CJK. Spruce budworm ecology and sampling and the Budworm Tracker program. Ontario Ministry of Natural Resources and Forestry Stewardship Youth Ranger training. Sudbury, Ontario, 22 June 2017

Guadon J, MacQuarrie CJK. Emerald ash borer research – today and tomorrow. Ontario Forest Health Review, Orillia, Ontario 25 October 2016.

Ryall K, MacQuarrie C. Future research needs for the emerald ash borer. Pest Forum. Ottawa, Ontario, 2 December 2016.

Smith S, MacQuarrie CJK Seminar at Forest Research on emerald ash borer research and management in Ontario, Alice Holt Lodge, United Kingdom. September 2016

MacQuarrie CJK. Spruce budworm ecology and sampling and the Budworm Tracker program. Ontario Ministry of Natural Resources and Forestry Stewardship Youth Ranger training. Sudbury, Ontario, June 24 2016

MacQuarrie CJK. The role of population dynamics in managing forest insect pests. Algoma University Biology Department Seminar Series, Sault Ste. Marie, Ontario. 2 Feb 2016

MacQuarrie CJK, Fidgen J, Ryall KL. Managing emerald ash borer in the great white north, linking population dynamics to effective sampling methods. Entomological Society of America North Central Branch, Manhattan Kansas. 31 May – 3 June 2015.

+10 other invited presentations given between 2004 and 2014

Submitted Oral

Df-1.31‡ 2023 Martel V, **MacQuarrie CJK**, Jones G, Ladd T, Roe AD, Dedes J, Sweeney J, Hughes C. Impact of biological control agents on Canadian emerald ash borer populations, Victoria, British Columbia, February 2023.

Df-1.17‡ 2023 Greenwood L, Noseworthy M, Coyle DR, **MacQuarrie CJK**, Avila M, Guerrero M, Hernandez G, Trejo O. Exploring pest mitigation research and management associated with the North American wood packaging supply chain: What and where are the weak links? USDA Interagency Research Forum on Invasive Species, Annapolis, Maryland. January 2023.

Dearborn KW, Smith S, MacQuarrie CJK, Inward D. Fraxinus foliage: Does adult maturation feeding upon different host species alter the fecundity of emerald ash borers? 2022 ESA, ESC and ESBC Joint Annual meeting. Vancouver British Columbia, November 2022.

MacQuarrie CJK, Gray M, Jones G, Ladd T. Establishment, Impact and dispersal of parasitoids for control of emerald ash borer in Canada. 2022 ESA, ESC and ESBC Joint Annual meeting. Vancouver British Columbia, November 2022.

MacQuarrie CJK, Fewster V and Gray M. 2022. Detection and response to hemlock woolly adelgid in Ontario. Annual Meeting of the Entomological Society of Ontario. September 2022

MacQuarrie CJK, Gray M, Jones G, Ladd T. Impact of biological control agents on Canadian emerald ash borer parasitoids. North American Forest Insect Workshop. Virtual. May 2021.

Candau J-N, Dedes J, Lovelace A, MacQuarrie CJK, Perrault K, Roe AD, Studens K, Wardlaw, A. Validation of a spruce budworm phenology model across environmental and genetic gradients: applications for budworm control and climate change predictions. SERG International Workshop, Halifax, Nova Scotia, February 2020.

Dearborn K, MacQuarrie CJK, Inward D, Straw N, Smith S. Modelling the development of emerald ash borer in its expanding range. SERG International Workshop, Halifax, Nova Scotia, February 2020.

MacQuarrie CJK, Jones G, Martel V, Sweeney J, Roe AD, Ryall, K. Release of exotic parasitoids for control of emerald ash borer in Canada. SERG International Workshop, Halifax, Nova Scotia, February 2020.

Hurley BP, MacQuarrie C, Slippers B, Garnas J, Allison JD. Long-term dissection data reveals factors influencing the probability of parasitism of the Sirex woodwasp by its parasitic nematode. Meeting of IUFRO Working Party 7.03.13 Biological control of forest insects and pathogens. Pretoria, South Africa. November 2019.

MacQuarrie CJK, Gray M, Jones G, Ryall K, Martel V, Sweeney J, Hughes C. Emerald ash borer biological control. Entomological Society of Ontario Annual General Meeting. Bark Lake, Ontario. November 2019.

Duell M, Roe A, MacQuarrie C, Sinclair B. Surviving the polar vortex: extreme cold tolerance of the emerald ash borer. The 10th International Congress of Comparative Physiology and Biochemistry. Ottawa, Ontario. August 2019.

Yemshanov D, Haight RG, Chen C, Liu N, MacQuarrie C, Venette R, Koch FH, Ryall K. Optimal surveillance of biological invasions with the acceptance sampling approach. 30th European Conference on Operational Research, Dublin Ireland, June 2019.

Candau J-N, Dedes J, Lovelace A, MacQuarrie CJK, Perrault K, Roe AD, Studens K, Wardlaw, A. Validation of a spruce budworm phenology model across environmental and genetic gradients: applications for budworm control and climate change predictions. SERG International Workshop, Quebec City, Quebec, February 2019.

Dearborn K, MacQuarrie CJK, Inward D, Straw N, Smith S. Modelling the development of emerald ash borer in its expanding range. SERG International Workshop, Quebec City, Quebec, February 2019.

Fidgen, JG, Fournier RE, Whitmore MC, MacQuarrie CJK, Turgeon JJ. Development of a ball sampling for detecting wool of the hemlock woolly adelgid. SERG International Workshop, Quebec City, Quebec, February 2019.

MacQuarrie, CJK, Fidgen J, Allison J, Carleton D, Johns R. Optimization of trapping parameters for spruce budworm sampling. SERG International Workshop, Quebec City, Quebec, February 2019.

MacQuarrie CJK, Ryall K. Validation of emerald ash borer branch sampling and estimation of 2 year life cycle in northern populations. SERG International Workshop, Quebec City, Quebec, February 2019.

Ryall K, Jones G, Roe AD, MacQuarrie CJK. Release of exotic parasitoids for control of emerald ash borer in Canada. SERG International Workshop, Quebec City, Quebec, February 2019.

Flaherty L. MacQuarrie CJK, Roe A, Evenden M. Impact of larval diet on disease severity in forest tent caterpillar, *Malacosoma disstria* Hübner (Lepidoptera: Lasiocampidae). 2018 ESA, ESC and ESBC Joint Annual meeting. Vancouver British Columbia, November 2018.

MacQuarrie, CJK, Allison J, Carleton D, Johns R. 2018. Optimization of trapping parameters for spruce budworm sampling. SERG International Workshop, Edmonton, Alberta 6-8 February, 2018.

MacQuarrie, CJK, Allison J, Bouwer, MC, Johns. R.C, Pureswaran D. 2018. Measuring the active space of a spruce budworm pheromone trap: bridging the gap between chemical

ecology and estimates of absolute population density. SERG International Workshop, Edmonton, Alberta 6-8 February, 2018.

MacQuarrie CJK, Inward D, Straw N, Smith S, Dearborn K. Modelling the development of emerald ash borer in its expanding range. SERG International Workshop, Edmonton, Alberta 6-8 February, 2018.

MacQuarrie CJK, Ryall K. Validation of emerald ash borer branch sampling and estimation of 2 year life cycle in northern populations. SERG International Workshop, Edmonton, Alberta 6-8 February, 2018.

MacQuarrie CJK, Humble L. Assessment of systems approach for the phytosanitary treatment of wood infested with invasive wood borers. Entomological Society of America. Denver, Colorado, 5-9 November 2017.

MacQuarrie CJK. Factors influencing susceptibility and rate of decline in urban trees attacked by emerald ash borer. IUFRO Anniversary Congress. Freiburg, Germany, 18-22 September 2017.

MacQuarrie CJK, Candau J-N, Johns R., Pureswaran D., Owens E. Using community science to help understand disturbances in the boreal forest of eastern Canada – the budworm tracker project. Gdo Akiiminaan Ganawendandaan [Taking Care of our Land] symposium. Sault Ste. Marie, Ontario, 8-11 May 2017.

MacQuarrie CJK, Cooke B, Despland E, Ethier J, Evenden M, Flaherty L, Keddie A. Improving predictive models of forest tent caterpillar outbreak dynamics. SERG International Workshop, Fredericton, New Brunswick 7-9 February 2017.

MacQuarrie, C, Allison J, Bouwer, MC, Johns. R.C, Pureswaran D. Measuring the active space of a spruce budworm pheromone trap: bridging the gap between chemical ecology and estimates of absolute population density. SERG International Workshop, Fredericton, New Brunswick 7-9 February 2017.

Johns R, MacDonnell M, Sweeney J, Moise E, Puraswaran D, Flaherty L, MacQuarrie CJK, Heard S. Tools for monitoring and predicting the effect of novel interactions between brown spruce longhorn beetle (*Tetropium fuscum*), spruce beetle (*Dendroctonus rufipennis*), and spruce budworm (*Choristoneura fumiferanae*). SERG International Workshop, Fredericton, New Brunswick 7-9 February 2017.

Candau, J-N, Wardlaw A, Perrault K, Roe A, Dedes J, MacQuarrie CJK*. Validation of a spruce budworm phenology model across environmental and genetic gradients: applications for budworm control and climate change predictions. SERG International Workshop, Fredericton, New Brunswick 7-9 February 2017.

MacQuarrie CJK, Humble L. Assessment of systems approach for the phytosanitary treatment of wood infested with invasive wood borers. USDA Interagency invasive pest forum. Annapolis, Maryland, 10-12 January 2017.

MacQuarrie CJK, Cooke B, Despland E, Evenden M, Flaherty L, Keddie A. Improving predictive models of Forest Tent Caterpillar outbreak dynamics. SERG International Workshop, Saskatoon, Saskatchewan 2-4 February 2016.

Johns. R.C., Sweeney, J, MacQuarrie, C, Pureswaran, D, Flaherty, L. Tools for monitoring and predicting the effect of novel interactions between brown spruce longhorn beetle (*Tetropium fuscum*), spruce beetle (*Dendroctonus rufipennis*), and spruce budworm (*Choristoneura fumiferanae*) SERG International Workshop, Saskatoon, Saskatchewan 2-4 February 2016.

MacQuarrie, C, Allison J, Johns. R.C, Pureswaran D. Measuring the active space of a spruce budworm pheromone trap: bridging the gap between chemical ecology and estimates of absolute population density. SERG International Workshop, Saskatoon, Saskatchewan 2-4 February 2016.

MacQuarrie CJK Effect of tree condition on performance of emerald ash borer. Annual meeting of the Entomological Society of America. Minneapolis, Minnesota 15-18 November 2015.

Johns R, MacDonnell M, Sweeney J, Moise E, Puraswaran D, Flaherty L, Heard S, MacQuarrie CJK. Tools for monitoring and predicting the effect of novel interactions between brown spruce longhorn beetle (*Tetropium fuscum*), spruce beetle (*Dendroctonus rufipennis*), and spruce budworm (*Choristoneura fumiferanae*). SERG International Workshop, Sault Ste. Marie, Ontario, 3-5 February 2015.

MacQuarrie CJK, Cooke B, Despland E, Ethier J, Evenden M, Flaherty L, Keddie A. Improving predictive models of forest tent caterpillar outbreak dynamics. SERG International Workshop, Sault Ste. Marie, Ontario, 3-5 February 2015.

+ 20 presentations between 2000 and 2014

Posters

Shi Z, DeVries B, MacQuarrie C, Gray M, Ni Y, Moola F. Characterizing the spectral signatures of eastern hemlock (*Tsuga canadensis*) using sentinel-2 satellite images and phenology modelling. 44th Canadian Symposium on Remote Sensing. June 2023

Flaherty L, Whidden T, MacQuarrie CJK, Roe AD, Dugal J. Climate change-mediated variation in diet for an outbreaking forest defoliator: Impacts on insect disease and implications for pest management. 2022 ESA, ESC and ESBC Joint Annual meeting. Vancouver British Columbia, November 2022

Greenwood L, Noseworthy M, Coyle DR, MacQuarrie CJK, Avila M, Guerrero M, Hernandez G, Trejo O. Exploring pest mitigation research and management associated with the North American wood packaging supply chain: What and where are the weak links? 2022 ESA, ESC and ESBC Joint Annual meeting. Vancouver British Columbia, November 2022

MacQuarrie CJK, Tansey J, Wist T, Prager S. Collaborative sampling for cottony ash psyllid across Canada. Pest Forum, Ottawa, Ontario, December 2019.

Fidgen J, Whitmore M, Studens K, MacQuarrie C, Turgeon J. Sticky traps as an early detection tool for invasive adelgids. Pest Forum, Ottawa, Ontario, December 2019.

MacQuarrie CJK, Allison JD. Effect of flight intercept trap design on the composition of the sampled community. 2018 ESA, ESC and ESBC Joint Annual meeting. Vancouver British Columbia, November 2018.

MacQuarrie CJK, Lavallée R, Humble L. Assessment of the systems approach for the phytosanitary treatment of ash wood infested with emerald ash borer (*Agrilus planipennis*). 2018 ESA, ESC and ESBC Joint Annual meeting. Vancouver British Columbia, November 2018.

Dearborn KW, Smith SM, MacQuarrie CJK, Inward DJG. Emerald ash borer development rates and modelling for potentially invaded regions of Canada and Britain. Preparing Europe for invasion by the beetles emerald ash borer and bronze birch borer, two major tree-killing pests. Vienna, Austria, October 2018.

MacQuarrie CJK, Lavallée R, Humble L. Assessment of the systems approach for the phytosanitary treatment of ash wood infested with emerald ash borer (*Agrilus planipennis*). Preparing Europe for invasion by the beetles emerald ash borer and bronze birch borer, two major tree-killing pests. Vienna, Austria, October 2018.

Evenden M, Sjolie D, Evenden D, Arachchige P, Saran C, Keddie B, MacQuarrie C. The sublethal effect of microsporidian infection on the flight capacity of the forest tent caterpillar, *Malacosoma disstria* (Lepidoptera: Lasiocampidae). Entomological Society of America International Branch Virtual Symposium, 16-18 April 2018, online.

Allison, JD, Turgeon JJ, Scar TA, MacQuarrie CJK. Effect of Intertrap distance on the capture of large woodborers (Coleoptera: Cerambycidae). Southern Forest Insect Work Conference July 2014, Charleston, South Carolina.

MacQuarrie CJK, Scharbach R. Mortality of emerald ash borer in urban populations in Ontario, Canada. Entomology 2013. Austin, Texas 10-13 November 2013.

Allison, JD, Turgeon JJ, Scar TA, MacQuarrie CJK. Effect of Intertrap distance on the capture of large woodborers (Coleoptera: Cerambycidae). International Society of Chemical Ecology 2013 Annual Meeting, Melbourne Australia 19-23 August, 2013.

MacQuarrie CJK, Fidgen J. Estimating presence and intensity of jack pine budworm defoliation using boosted regression trees. Joint meeting of the Entomological Society of Canada and the Acadian Entomological Society. Halifax, Nova Scotia. 6-9 November 2011. + 12 posters presented between 2001 and 2007

Media

September 2023. Emerald ash borer in Northern Ontario. CTV Northern Ontario & Le Journal Agricom.

July 2023. Amateur entomologists are using their love of bugs to document insect loss in Canada. F-X Duhamel. The Globe and Mail.

May 2023. Hemlock Woolly adelgid in Hamilton, Ontario. 93.3 FM McMaster University Campus Radio.

August-September 2022. New detection of hemlock woolly adelgid in Ontario, various media outlets. Print/Web: Canadian Press, Cottage Life, Elliot Lake Today, News Now Network, Ontario Farmers, Sault Star. Video: Global News Kingston, The Weather Network. Summarized: <https://share.coveragebook.com/b/649d359a188e7140>

6 June 2022. Scientists tackling one invasive species with another. J McDiarmid. The National Observer [online].

April 2022. Spongy moth outbreak in Ontario 2022, various media outlets: Radio: 640 Toronto. Print/Web: Global News Toronto, Capital Current.

February 2022. Emerald ash borer and cold environments, various media outlets: Radio: CBC Radio Sudbury. Print/Web: Cochrane Times, North Bay Nugget, Sault Star-Postmedia, SooToday. Video: CTV Sault Ste. Marie.

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Student Name	Student Number	Program Name	Program Code	Campus
Bhuvan Sadhana	219614580	Bachelor of Arts (General): Psychology	BA3.PSYC	Brampton
Manreet Kaur Sandhu	229636450	Bachelor of Arts (General): Psychology	BA3.PSYC	Brampton
Simran	219641260	Bachelor of Arts (Honours): Psychology	BA4.PSYC	Brampton
Adetokunbo Anderson Omotoye	229546420	Bachelor of Business Administration (Honours)	BBA	Brampton
Priyal Nilesbhai Shah	219658150	Bachelor of Business Administration (Honours)	BBA	Brampton
Kiran Preeth Singh	239696330	Bachelor of Business Administration (Honours): Accounting Specialization	BBA.ACCT	Brampton
Deepak Kharb	219570910	Bachelor of Business Administration (Honours): Specializations in Accounting and Human Resources	BBA.ACCT.HRES	Brampton
Jasvin Kaur	189626260	Bachelor of Business Administration (Honours): Human Resources Specialization	BBA.HRES	Brampton
Khushi Vimalkumar Patel	209626620	Bachelor of Business Administration (Honours): Human Resources Specialization	BBA.HRES	Brampton
Samuel Tamirat Taddese	209648730	Bachelor of Business Administration (Honours): Human Resources Specialization	BBA.HRES	Brampton
Alfred Varghese	209604880	Bachelor of Business Administration (Honours): Human Resources and Marketing Specialization	BBA.HRES.MKTG	Brampton
Kiara Mikyla Dsouza	219682960	Bachelor of Business Administration (Honours): Marketing Specialization	BBA.MKTG	Brampton
Subham Krishna Pokharel	209653650	Bachelor of Business Administration (Honours): Marketing Specialization	BBA.MKTG	Brampton
Tanishka	219606940	Bachelor of Business Administration (Honours): Marketing Specialization	BBA.MKTG	Brampton
Abdikafi Yusuf	229571930	Bachelor of Computer Science (General)	BCOSC3	Brampton
Ahmed Areeb Siddiqui	229666360	Bachelor of Computer Science (General)	BCOSC3	Brampton
Amandeep Singh	219619260	Bachelor of Computer Science (General)	BCOSC3	Brampton
Anmol Rehan	229653800	Bachelor of Computer Science (General)	BCOSC3	Brampton
Anthony E.B. John	239576540	Bachelor of Computer Science (General)	BCOSC3	Brampton
Aryan Arun Patel	219528220	Bachelor of Computer Science (General)	BCOSC3	Brampton
Attanayake Mudiyansele Tharushi Punsara Atta	229639050	Bachelor of Computer Science (General)	BCOSC3	Brampton
Bhavishya Sugumar	229683100	Bachelor of Computer Science (General)	BCOSC3	Brampton
Chaah Batukbhai Rabadiya	239581310	Bachelor of Computer Science (General)	BCOSC3	Brampton
Chanmeet Singh Oberoi	229604060	Bachelor of Computer Science (General)	BCOSC3	Brampton
Darshan Tarapara	229671910	Bachelor of Computer Science (General)	BCOSC3	Brampton
Dev Chintankumar Patel	219503410	Bachelor of Computer Science (General)	BCOSC3	Brampton
Devansh Ankesh Punawala	229693750	Bachelor of Computer Science (General)	BCOSC3	Brampton
Gagandeep Kaur Sekhon	239470000	Bachelor of Computer Science (General)	BCOSC3	Brampton
Har Karanvir Singh	239483920	Bachelor of Computer Science (General)	BCOSC3	Brampton
Himal Sitoula	219667220	Bachelor of Computer Science (General)	BCOSC3	Brampton
Husanpreet Kaur	229612280	Bachelor of Computer Science (General)	BCOSC3	Brampton
Jigar Punit Thakkar	219649130	Bachelor of Computer Science (General)	BCOSC3	Brampton
Kush Dixit Patel	239567900	Bachelor of Computer Science (General)	BCOSC3	Brampton
Lakshya Solath	219673440	Bachelor of Computer Science (General)	BCOSC3	Brampton
Manav Manan	229699010	Bachelor of Computer Science (General)	BCOSC3	Brampton
Michelle Dao	239622750	Bachelor of Computer Science (General)	BCOSC3	Brampton
Namanjeet Singh	219640070	Bachelor of Computer Science (General)	BCOSC3	Brampton
Noman Suleman Desai	229630960	Bachelor of Computer Science (General)	BCOSC3	Brampton
Prutha Dipakbhai Patel	229646910	Bachelor of Computer Science (General)	BCOSC3	Brampton
Puneet Jain	229543130	Bachelor of Computer Science (General)	BCOSC3	Brampton
Rabia Gill	229608570	Bachelor of Computer Science (General)	BCOSC3	Brampton
Razi Uddin Syed	219643430	Bachelor of Computer Science (General)	BCOSC3	Brampton
Rishabh Dashrath Rawal	219632550	Bachelor of Computer Science (General)	BCOSC3	Brampton
Ronik Jethalal Halai	229523870	Bachelor of Computer Science (General)	BCOSC3	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Sachin	219676200	Bachelor of Computer Science (General)	BCOSC3	Brampton
Shijie Sun	219613450	Bachelor of Computer Science (General)	BCOSC3	Brampton
Shuming Lin	219659670	Bachelor of Computer Science (General)	BCOSC3	Brampton
Soundos Sihem Rezig	229515350	Bachelor of Computer Science (General)	BCOSC3	Brampton
Tanish Jain	229683050	Bachelor of Computer Science (General)	BCOSC3	Brampton
Trevor Maliro	239498690	Bachelor of Computer Science (General)	BCOSC3	Brampton
Vedant Shaileshbhai Patel	219661870	Bachelor of Computer Science (General)	BCOSC3	Brampton
Vittorio Shiffman	239336040	Bachelor of Computer Science (General)	BCOSC3	Brampton
Zainilkhan Zakirhushenkan Mahorvani	219661120	Bachelor of Computer Science (General)	BCOSC3	Brampton
Alexander Porporo	239540450	Bachelor of Computer Science (General)	BCOSC3.ACCL	Brampton
Arbaaz Baig Mirza	239502430	Bachelor of Computer Science (General)	BCOSC3.ACCL	Brampton
Diana Cuccarolo	239442370	Bachelor of Computer Science (General)	BCOSC3.ACCL	Brampton
Emily Au	239589500	Bachelor of Computer Science (General)	BCOSC3.ACCL	Brampton
Ifeyinwa Emmanuella Dasilva-Domingos	229535710	Bachelor of Computer Science (General)	BCOSC3.ACCL	Brampton
Kalen Dy Peredo	239588700	Bachelor of Computer Science (General)	BCOSC3.ACCL	Brampton
Osman Duale	239501740	Bachelor of Computer Science (General)	BCOSC3.ACCL	Brampton
Preami Navaranchan	239547610	Bachelor of Computer Science (General)	BCOSC3.ACCL	Brampton
Sabina Zhurykbay	239581490	Bachelor of Computer Science (General)	BCOSC3.ACCL	Brampton
Stephen Hawkes Westmacott	239549900	Bachelor of Computer Science (General)	BCOSC3.ACCL	Brampton
Taminder Pabla	229553360	Bachelor of Computer Science (General)	BCOSC3.ACCL	Brampton
Tolulope Ebenezer Aboyeji	239633660	Bachelor of Computer Science (General)	BCOSC3.ACCL	Brampton
Francesco Andrea Manno	239425440	Bachelor of Computer Science (General)	BCOSC3.ONLINE	Brampton
Filip Al-Hamadani	229611070	Bachelor of Computer Science (Honours)	BCOSC4	Brampton
Hargunjot Kaur Raja	209600350	Bachelor of Computer Science (Honours)	BCOSC4	Brampton
Suad Musral Omar	219656970	Bachelor of Computer Science (Honours)	BCOSC4	Brampton
Chang-Rung Wu	189625020	Bachelor of Arts (General): Economics	BA3.ECON	Sault Ste Marie
Mohammad Zaid Azam	219659900	Bachelor of Arts (General): Economics	BA3.ECON	Sault Ste Marie
Qingyuan Zhu	189677050	Bachelor of Arts (General): Economics	BA3.ECON	Sault Ste Marie
Kyle Joseph Price	199678550	Bachelor of Arts (General): English	BA3.ENGL	Sault Ste Marie
Rishi Sharma	219664760	Bachelor of Arts (General): Fine Arts	BA3.FAST	Sault Ste Marie
River Small	159637380	Bachelor of Arts (General): Geography	BA3.GEOG	Sault Ste Marie
Jennifer Lynn Cutting	099601800	Bachelor of Arts (General): Law and Justice	BA3.JURI	Sault Ste Marie
Tavershima Udende	209654660	Bachelor of Arts (General): Law and Justice	BA3.JURI	Sault Ste Marie
Disha Singh	229641610	Bachelor of Arts (General): Psychology	BA3.PSYC	Sault Ste Marie
Huzaifa Asjad Ughradar	219676000	Bachelor of Arts (General): Psychology	BA3.PSYC	Sault Ste Marie
Niky Harishpuri Goswami	229619900	Bachelor of Arts (General): Psychology	BA3.PSYC	Sault Ste Marie
Rebecca Muriel Leigh	169655500	Bachelor of Arts (General): Psychology	BA3.PSYC	Sault Ste Marie
Sakshi Arun Gavhane	219682910	Bachelor of Arts (General): Psychology	BA3.PSYC	Sault Ste Marie
Aradhya Bhasin	199602380	Bachelor of Arts (Honours): Finance and Economics	BA4.FNEC	Sault Ste Marie
Asuka Murakita	219675070	Bachelor of Arts (Honours): Finance and Economics	BA4.FNEC	Sault Ste Marie
Rishabh Bhardwaj	239543270	Bachelor of Arts (Honours): Law and Justice	BA4.JURI	Sault Ste Marie
Sabrina Adey	199687130	Bachelor of Arts (Non-Honours): Psychology	BA4.PSYC (NH)	Sault Ste Marie
Josiah Patric Harper	199683510	Bachelor of Arts (Honours): Sociology	BA4.SOCI	Sault Ste Marie
Ayushman Bhadu	219640230	Bachelor of Computer Science (General)	BCOSC3	Sault Ste Marie

Student Name	Student Number	Program Name	Program Code	Campus
Nebu Paul	209607430	Bachelor of Computer Science (General)	BCOSC3	Sault Ste Marie
Rajin Santos Sabas Gajadhar	239479650	Bachelor of Computer Science (General)	BCOSC3.ACCL	Sault Ste Marie
Ji Eun Kim	219650890	Bachelor of Computer Science (Honours)	BCOSC4	Sault Ste Marie
Julian Chan	229595330	Bachelor of Computer Science (Honours)	BCOSC4	Sault Ste Marie
Mir Zain Uddin Fahed	209695920	Bachelor of Computer Science (Honours)	BCOSC4	Sault Ste Marie
Mohamed Charafeddine Satra	209601580	Bachelor of Computer Science (Honours)	BCOSC4	Sault Ste Marie
Youming Dong	169679600	Bachelor of Computer Science (Honours): Computer Game Technology and Creative Arts Specialization	BCOSC4.CGTA	Sault Ste Marie
Farrell Okunozigho Adebo	209664010	Bachelor of Computer Science (Honours): Mobile Software Engineering Specialization	BCOSC4.MSE	Sault Ste Marie
Robert Keith Nadjiwon	149636930	Bachelor of Fine Arts (Honours)	BFA	Sault Ste Marie
Harsh Sanjaykumar Amin	229640220	Bachelor of Science (General): Biology	BSC3.BIOL	Sault Ste Marie
Jasmin Kaur	229609100	Bachelor of Science (General): Biology	BSC3.BIOL	Sault Ste Marie
Jatin Chhabra	219656470	Bachelor of Science (General): Biology	BSC3.BIOL	Sault Ste Marie
Kashish	199676620	Bachelor of Science (General): Biology	BSC3.BIOL	Sault Ste Marie
Mihir Pareshbhai Radadiya	229623800	Bachelor of Science (General): Biology	BSC3.BIOL	Sault Ste Marie
Saniya Sohel Vahora	219664620	Bachelor of Science (General): Biology	BSC3.BIOL	Sault Ste Marie
Kalp Patel	229639060	Bachelor of Science (General): Computer Science	BSC3.COSC	Sault Ste Marie
Ahmed Sherif Mostafa Elmolla	229561390	Bachelor of Science (Honours): Computer Science	BSC4.COSC	Sault Ste Marie
Mathew Roland Tremblay	209626340	Bachelor of Science (Honours): Psychology	BSC4.PSYC	Sault Ste Marie
Noah Zeppa	219655850	Bachelor of Science (Honours): Psychology	BSC4.PSYC	Sault Ste Marie
Amy Catherine	199698940	Bachelor of Social Work (Honours)	BSW	Sault Ste Marie
Francis Ray Tuckett	229642150	Bachelor of Social Work (Honours)	BSW	Sault Ste Marie
Jessica Esohe Tuohy Ewere	219601470	Bachelor of Social Work (Honours)	BSW	Sault Ste Marie
Kylan Reese Hawke	209627690	Bachelor of Social Work (Honours)	BSW	Sault Ste Marie
Shawna Karen Mornix	229522950	Bachelor of Social Work (Honours)	BSW	Sault Ste Marie
Kelly Hyde	169671060	Bachelor of Arts (General) Community Development	BA3.CDEV	Timmins
Alexa Mary-Linda Fortier	229644480	Bachelor of Social Work (Honours)	HBSW	Timmins
Alexus Rachel Doris Daley	229546200	Bachelor of Social Work (Honours)	HBSW	Timmins
Ashleigh Brown	229486320	Bachelor of Social Work (Honours)	HBSW	Timmins
Chelsea Calla Thistle	219680350	Bachelor of Social Work (Honours)	HBSW	Timmins
Courtney Bodnariuk	169639810	Bachelor of Social Work (Honours)	HBSW	Timmins
Elissa Stinson	229695330	Bachelor of Social Work (Honours)	HBSW	Timmins
Ewomazino Fortune Eruvwetaghware	229501160	Bachelor of Social Work (Honours)	HBSW	Timmins
Fynn Melanie Mccord	229625800	Bachelor of Social Work (Honours)	HBSW	Timmins
Melanie Hannah	129631420	Bachelor of Social Work (Honours)	HBSW	Timmins
Rachel I. Routhier	229606270	Bachelor of Social Work (Honours)	HBSW	Timmins

Student Name	Student Number	Program Name	Program Code	Campus
Ceara Kelly	199602370	Honours Diploma in History	HDIP.HIST	Sault Ste Marie

Student Name	Student Number	Program Name	Program Code	Campus
Harshpreet Singh	229674420	Graduate Certificate in Project Management: Resilience and Innovation	GC.PMGT	Brampton
Jayant Vig	219636510	Graduate Certificate in Project Management: Resilience and Innovation	GC.PMGT	Brampton
Jigar Punamiya	229602740	Graduate Certificate in Project Management: Resilience and Innovation	GC.PMGT	Brampton
Manpreet Kaur	219672650	Graduate Certificate in Project Management: Resilience and Innovation	GC.PMGT	Brampton
Aadesh Singh Sidhu	199663210	Graduate Certificate in Business	GCERT.ADMN	Brampton
Aakash Saini	249601420	Graduate Certificate in Business	GCERT.ADMN	Brampton
Aashish Giri	239480290	Graduate Certificate in Business	GCERT.ADMN	Brampton
Abhishek Mehta	249693600	Graduate Certificate in Business	GCERT.ADMN	Brampton
Adnan Abdulkuddus Bhoraniya	239480030	Graduate Certificate in Business	GCERT.ADMN	Brampton
Akshay Giri	239429130	Graduate Certificate in Business	GCERT.ADMN	Brampton
Akshdeep Kaur Bhatti	239546200	Graduate Certificate in Business	GCERT.ADMN	Brampton
Alby Chacko	239454230	Graduate Certificate in Business	GCERT.ADMN	Brampton
Alfa Bellissima	239548670	Graduate Certificate in Business	GCERT.ADMN	Brampton
Amanjot Kaur	229581200	Graduate Certificate in Business	GCERT.ADMN	Brampton
Amanjot Kaur	229551010	Graduate Certificate in Business	GCERT.ADMN	Brampton
Amanpreet Kaur	239615510	Graduate Certificate in Business	GCERT.ADMN	Brampton
Amit Pal	229591450	Graduate Certificate in Business	GCERT.ADMN	Brampton
Amritpal Singh	239457280	Graduate Certificate in Business	GCERT.ADMN	Brampton
Angad Bhullar	239698130	Graduate Certificate in Business	GCERT.ADMN	Brampton
Anju Devi	239509450	Graduate Certificate in Business	GCERT.ADMN	Brampton
Ankit Kumar	249619990	Graduate Certificate in Business	GCERT.ADMN	Brampton
Anmol Singla	239630600	Graduate Certificate in Business	GCERT.ADMN	Brampton
Anoop	239488950	Graduate Certificate in Business	GCERT.ADMN	Brampton
Anshuben Ghanshyambhai Patel	249644810	Graduate Certificate in Business	GCERT.ADMN	Brampton
Anshumann Amba	229642530	Graduate Certificate in Business	GCERT.ADMN	Brampton
Arshdeep Kaur	239467370	Graduate Certificate in Business	GCERT.ADMN	Brampton
Arshdeep Kaur	239490460	Graduate Certificate in Business	GCERT.ADMN	Brampton
Arshpreet Kaur	229657020	Graduate Certificate in Business	GCERT.ADMN	Brampton
Arun Kumar Arumugam	239467250	Graduate Certificate in Business	GCERT.ADMN	Brampton
Ashish Nalinbhai Sangani	239436350	Graduate Certificate in Business	GCERT.ADMN	Brampton
Ayushi Goel	239668330	Graduate Certificate in Business	GCERT.ADMN	Brampton
Bansari Prashant Dholakiya	239571510	Graduate Certificate in Business	GCERT.ADMN	Brampton
Bhupinder Kaur	249676170	Graduate Certificate in Business	GCERT.ADMN	Brampton
Bibin Srambikudiyil Benni	249610110	Graduate Certificate in Business	GCERT.ADMN	Brampton
Chahak Patel	249667450	Graduate Certificate in Business	GCERT.ADMN	Brampton
Darshit Gunvantbhai Savaliya	239486710	Graduate Certificate in Business	GCERT.ADMN	Brampton
Devangi Hasmukhbhai Godhani	249686680	Graduate Certificate in Business	GCERT.ADMN	Brampton
Dikshant	249601320	Graduate Certificate in Business	GCERT.ADMN	Brampton
Ejike Uzochukwu Ezenwa	239534860	Graduate Certificate in Business	GCERT.ADMN	Brampton
Fenil Jatinkumar Patel	249615250	Graduate Certificate in Business	GCERT.ADMN	Brampton
Guneet Kaur	239452270	Graduate Certificate in Business	GCERT.ADMN	Brampton
Gurpreet Kaur	199679200	Graduate Certificate in Business	GCERT.ADMN	Brampton
Gurupdes Singh	239553650	Graduate Certificate in Business	GCERT.ADMN	Brampton
Gurvinder Singh	229640440	Graduate Certificate in Business	GCERT.ADMN	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Hardeep Kaur	239584640	Graduate Certificate in Business	GCERT.ADMN	Brampton
Hardeep Kaur	239522440	Graduate Certificate in Business	GCERT.ADMN	Brampton
Hardikkumar H Patel	249679280	Graduate Certificate in Business	GCERT.ADMN	Brampton
Harinder Singh	229521050	Graduate Certificate in Business	GCERT.ADMN	Brampton
Harmandeep Singh	239525300	Graduate Certificate in Business	GCERT.ADMN	Brampton
Harmanpreet Kaur	239402270	Graduate Certificate in Business	GCERT.ADMN	Brampton
Harpreet Kaur	239616530	Graduate Certificate in Business	GCERT.ADMN	Brampton
Harpreet Kaur	239577240	Graduate Certificate in Business	GCERT.ADMN	Brampton
Harpreet Singh	239645360	Graduate Certificate in Business	GCERT.ADMN	Brampton
Harsh Desai	249689170	Graduate Certificate in Business	GCERT.ADMN	Brampton
Harsh Virk	239518770	Graduate Certificate in Business	GCERT.ADMN	Brampton
Harshavardhan Challa	239585360	Graduate Certificate in Business	GCERT.ADMN	Brampton
Harsimran Singh	239694460	Graduate Certificate in Business	GCERT.ADMN	Brampton
Hesham Qureshi	249646380	Graduate Certificate in Business	GCERT.ADMN	Brampton
Ishita Kantilal Prajapati	249634910	Graduate Certificate in Business	GCERT.ADMN	Brampton
Jasdeep Singh	229574080	Graduate Certificate in Business	GCERT.ADMN	Brampton
Jasmine Kaur	239579760	Graduate Certificate in Business	GCERT.ADMN	Brampton
Jaspreet Singh	239486000	Graduate Certificate in Business	GCERT.ADMN	Brampton
Jatinder Kaur	239652560	Graduate Certificate in Business	GCERT.ADMN	Brampton
Jenene Mitchell	239492720	Graduate Certificate in Business	GCERT.ADMN	Brampton
Jeslet Justus	239498730	Graduate Certificate in Business	GCERT.ADMN	Brampton
Kalp Nitinkumar Pandya	249633270	Graduate Certificate in Business	GCERT.ADMN	Brampton
Kenechukwu Kenneth Aniagu	239581930	Graduate Certificate in Business	GCERT.ADMN	Brampton
Keshav	239610760	Graduate Certificate in Business	GCERT.ADMN	Brampton
Kiran Reddy Gangula	239640820	Graduate Certificate in Business	GCERT.ADMN	Brampton
Kirtan Niteshbhai Patel	249658000	Graduate Certificate in Business	GCERT.ADMN	Brampton
Kishore Nandhakumar	249612660	Graduate Certificate in Business	GCERT.ADMN	Brampton
Krishan Hitendrabhai Parekh	239551950	Graduate Certificate in Business	GCERT.ADMN	Brampton
Krishna Dipakbhai Luhar	249685580	Graduate Certificate in Business	GCERT.ADMN	Brampton
Lovepreet Singh	249675960	Graduate Certificate in Business	GCERT.ADMN	Brampton
Mahmad Kamil Salimbhai Raj	249644910	Graduate Certificate in Business	GCERT.ADMN	Brampton
Mamta Sandhu	239497730	Graduate Certificate in Business	GCERT.ADMN	Brampton
Manav Jagdishbhai Jayani	249672140	Graduate Certificate in Business	GCERT.ADMN	Brampton
Mandeep Kaur	239652650	Graduate Certificate in Business	GCERT.ADMN	Brampton
Manjot Kaur	199673420	Graduate Certificate in Business	GCERT.ADMN	Brampton
Manjot Pahwa	249658900	Graduate Certificate in Business	GCERT.ADMN	Brampton
Mankirat Singh	239543950	Graduate Certificate in Business	GCERT.ADMN	Brampton
Manmohan Verma	239403010	Graduate Certificate in Business	GCERT.ADMN	Brampton
Manpreet Singh	239611110	Graduate Certificate in Business	GCERT.ADMN	Brampton
Manprit Kaur	239489180	Graduate Certificate in Business	GCERT.ADMN	Brampton
Miloni Rajanikant Poriya	239420350	Graduate Certificate in Business	GCERT.ADMN	Brampton
Mithun Vatta Kovval	199646200	Graduate Certificate in Business	GCERT.ADMN	Brampton
Mitul Nemubhai Vaghani	249639560	Graduate Certificate in Business	GCERT.ADMN	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Mohammed Hashim Chakkikulathil	239562220	Graduate Certificate in Business	GCERT.ADMN	Brampton
Mohammed Sameer Pasha	249606060	Graduate Certificate in Business	GCERT.ADMN	Brampton
Mukesh Kumar	249625490	Graduate Certificate in Business	GCERT.ADMN	Brampton
Nakul Puri	239569150	Graduate Certificate in Business	GCERT.ADMN	Brampton
Navneet Kumar	239430110	Graduate Certificate in Business	GCERT.ADMN	Brampton
Navpreet Singh	239406430	Graduate Certificate in Business	GCERT.ADMN	Brampton
Nawaz Ali Khan	239414970	Graduate Certificate in Business	GCERT.ADMN	Brampton
Nihar Rakeshkumar Bhatt	249661310	Graduate Certificate in Business	GCERT.ADMN	Brampton
Nimesh Rajubhai Patel	249690530	Graduate Certificate in Business	GCERT.ADMN	Brampton
Nisha Balayan	239469090	Graduate Certificate in Business	GCERT.ADMN	Brampton
Parakkal Abhishek	249638190	Graduate Certificate in Business	GCERT.ADMN	Brampton
Paras Arora	199666620	Graduate Certificate in Business	GCERT.ADMN	Brampton
Paras Handa	239697020	Graduate Certificate in Business	GCERT.ADMN	Brampton
Pawandeep Kaur	249658420	Graduate Certificate in Business	GCERT.ADMN	Brampton
Pemba Dolma Lama	239443830	Graduate Certificate in Business	GCERT.ADMN	Brampton
Pooja Pal	239556970	Graduate Certificate in Business	GCERT.ADMN	Brampton
Poojan Narendrakumar Patel	249698230	Graduate Certificate in Business	GCERT.ADMN	Brampton
Prachi	239415080	Graduate Certificate in Business	GCERT.ADMN	Brampton
Pratik Prakash Khemani	229591050	Graduate Certificate in Business	GCERT.ADMN	Brampton
Preet Karan Singh	249673830	Graduate Certificate in Business	GCERT.ADMN	Brampton
Preethi Jakhar	249674010	Graduate Certificate in Business	GCERT.ADMN	Brampton
Prince Pareshkumar Patel	249681920	Graduate Certificate in Business	GCERT.ADMN	Brampton
Priya	229506250	Graduate Certificate in Business	GCERT.ADMN	Brampton
Priya Jesrani	239665810	Graduate Certificate in Business	GCERT.ADMN	Brampton
Priyanka Rameshbhai Patel	249676510	Graduate Certificate in Business	GCERT.ADMN	Brampton
Pushpinder Singh	229688680	Graduate Certificate in Business	GCERT.ADMN	Brampton
Rachi Gandhi	239616760	Graduate Certificate in Business	GCERT.ADMN	Brampton
Rajwinder Kaur	239517970	Graduate Certificate in Business	GCERT.ADMN	Brampton
Ramandeep Kaur	239648070	Graduate Certificate in Business	GCERT.ADMN	Brampton
Ramanjit Kaur	239448260	Graduate Certificate in Business	GCERT.ADMN	Brampton
Ramesh Sethi	239550880	Graduate Certificate in Business	GCERT.ADMN	Brampton
Ravinarayan Nair	229669550	Graduate Certificate in Business	GCERT.ADMN	Brampton
Ravinder Kumar	239682540	Graduate Certificate in Business	GCERT.ADMN	Brampton
Robin Singh	249651130	Graduate Certificate in Business	GCERT.ADMN	Brampton
Rooma Rani	249644000	Graduate Certificate in Business	GCERT.ADMN	Brampton
Ruhi Rajesh Jariya	239551750	Graduate Certificate in Business	GCERT.ADMN	Brampton
Shailabh Suri	239553880	Graduate Certificate in Business	GCERT.ADMN	Brampton
Shaikumar Sudhirbhai Shah	249611800	Graduate Certificate in Business	GCERT.ADMN	Brampton
Sharandeep	229508740	Graduate Certificate in Business	GCERT.ADMN	Brampton
Shashwat Bhavik Shah	239670310	Graduate Certificate in Business	GCERT.ADMN	Brampton
Shivani Thakur	239508470	Graduate Certificate in Business	GCERT.ADMN	Brampton
Shubham	239550570	Graduate Certificate in Business	GCERT.ADMN	Brampton
Siddharth Soni	239454510	Graduate Certificate in Business	GCERT.ADMN	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Simarjit Kaur	249640680	Graduate Certificate in Business	GCERT.ADMN	Brampton
Simran Arora	249695200	Graduate Certificate in Business	GCERT.ADMN	Brampton
Simran Khunger	239519190	Graduate Certificate in Business	GCERT.ADMN	Brampton
Siva Naga Teja Varikuti	239538740	Graduate Certificate in Business	GCERT.ADMN	Brampton
Sukhdeep Kaur	239502730	Graduate Certificate in Business	GCERT.ADMN	Brampton
Sukhdeep Kaur	249626260	Graduate Certificate in Business	GCERT.ADMN	Brampton
Sukhmandeep Singh	239684330	Graduate Certificate in Business	GCERT.ADMN	Brampton
Sukhmanjot	239600300	Graduate Certificate in Business	GCERT.ADMN	Brampton
Sukhpreet Kaur	239542400	Graduate Certificate in Business	GCERT.ADMN	Brampton
Sunaina Kapil	229587770	Graduate Certificate in Business	GCERT.ADMN	Brampton
Syed Sirajuddin	249649760	Graduate Certificate in Business	GCERT.ADMN	Brampton
Tabib Mohammad Sakif	239440220	Graduate Certificate in Business	GCERT.ADMN	Brampton
Tharuni Khanapuram	239462590	Graduate Certificate in Business	GCERT.ADMN	Brampton
Tirth Ashokbhai Patel	239433720	Graduate Certificate in Business	GCERT.ADMN	Brampton
Twinkal Govindbhai Parmar	239417110	Graduate Certificate in Business	GCERT.ADMN	Brampton
Urvashi Jaldip Alagiya	239664700	Graduate Certificate in Business	GCERT.ADMN	Brampton
Varandeep Singh	239527780	Graduate Certificate in Business	GCERT.ADMN	Brampton
Varun Lalitkumar Bellani	229514210	Graduate Certificate in Business	GCERT.ADMN	Brampton
Vipin Verma	239454540	Graduate Certificate in Business	GCERT.ADMN	Brampton
Vishal Kumar	239621410	Graduate Certificate in Business	GCERT.ADMN	Brampton
Vraj Bhatt	239578790	Graduate Certificate in Business	GCERT.ADMN	Brampton
Vraj Satishbhai Maisuriya	249643920	Graduate Certificate in Business	GCERT.ADMN	Brampton
Waseemullah Syed	239691700	Graduate Certificate in Business	GCERT.ADMN	Brampton
Yash Bhardwaj	239471810	Graduate Certificate in Business	GCERT.ADMN	Brampton
Yashkumar Prakashbhai Mistry	249622090	Graduate Certificate in Business	GCERT.ADMN	Brampton
Yashvi Denishkumar Patel	249623510	Graduate Certificate in Business	GCERT.ADMN	Brampton
Zarna Nileshsinh Raghuvanshi	229584900	Graduate Certificate in Business	GCERT.ADMN	Brampton
Aakash Saini	239616470	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Aarti Shah	239614420	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Aarushi Chauhan	229597200	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Aayush	229533230	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Abhinav	229508340	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Abhiseerat Sandhu	239690270	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Abhishhek Kailay	239558500	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Adil Ansari	229540780	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Aditya Arora	239685080	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Aditya Kumar	229600540	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Aesha Sanghpal	229579630	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ajay Kumar	229550890	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ajay Kumar	229579900	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Albin Johnson	239630360	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Alka	239620270	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Amaan Nadeem Khatib	239631930	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Amaldev Ajaykumar	239626530	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Aman	229507470	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Aman Singh	239564620	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Amandeep	239592260	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Amandeep Kaur	229553350	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Amandeep Singh	229504040	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Amanjot Kaur	229549810	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Amarnath Bhaskara Sathi	229681060	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Amrit Kaur	229590220	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Amritpal Singh	239614090	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Aneri Vipulkumar Patel	239617990	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Aniketkumar Bhagubhai Patel	239672360	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Anjali	239693490	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Anjali Dalal	229525630	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Anju James	229510540	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ankit	239694540	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ankita Adhikari	239685810	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Anmol	239615560	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Anmol	239538660	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Anmol Singh	239561870	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Anmol Singh	229560170	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Anuj Kumar	229553550	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Armaan Singh	239685200	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Arpan	229549490	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Arpit Patel	229620950	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Arshdeep Kaur	229521560	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Arshdeep Kaur	239524820	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ashish Kumar	239662690	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ashwani Yadav	239616550	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ataharraza Abdulrajjak Meghreji	229535890	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Avinder Vinayak	239666520	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Avneet Kaur	229585760	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Avneet Kaur	229573190	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ayush Bajaj	229633930	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ayush Saini	239586780	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Baljit Kaur	239566980	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Balraj Singh	229591550	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Beant Kaur	229567240	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Bhavana Chauhan	229677630	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Bhawna Sharma	229599070	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Bhoop Singh	229516070	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Bhumi Amit Khunt	239639300	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Chander Prakash Sharma	229597270	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Chanpreet Kaur	239641290	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Charanpreet Singh	229536660	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Chetanjot Kaur	229536140	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Dabhi Darshit Dharmendrabhai	239696830	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Daksha Ghanshyambhai Bhalala	239515960	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Damanpreet Kaur	239640930	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Damanpreet Singh	239690030	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Darshana Manoj Chavda	239612380	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Deepika	239547700	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Deepika	239663960	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Denny Joseph	229594150	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Deric Sunny	229551480	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Devashish Yadav	229596870	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Dharmeshkumar Bhavanbhai Prajapati	229599860	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Dhrumil Miteshkumar Somani	239681880	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Dhruv Harishkumar Shrimali	239621970	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Dhruv Krishna Goswami	229568100	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Dhruv Taneja	229621430	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Diksha Gupta	229533380	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Dilpreet Kaur	229562010	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Dipanshu Singla	229663720	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Disha Kalpeshkumar Jansari	229697270	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Divya	229516790	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Divya Garg	229622980	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Dixita Saurabhkumar Patel	239652350	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Drishti Ghanshyam Kacchiya	239663380	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Druvi Girishkumar Patel	229552900	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Durgesh Kumar	239543800	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ekta	239643060	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Eva Sharma	229504700	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Faiza Siddiqua	229588770	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Farhan Husail Malik	229691260	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Femeena Jose	239690860	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Gagandeep Kaur	239670700	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Gagandeep Kaur	229632190	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Gagandeep Kaur	229561620	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Gagandeep Singh	229667900	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Gagandeep Singh	229503120	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Gaganpreet Kaur	239668440	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Gaurav	229559460	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Gautam Sharma	239537550	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Gino Vijayan	229557860	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Gurleen Kaur	239655050	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Gurpreet Kaur	239653290	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Gurpreet Kaur	239699420	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Gurpreet Kaur	239694490	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Gurpreet Kaur	229557830	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Gurpreet Singh	239631290	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Gurpreet Singh	239635530	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Gurpreet Singh	239684910	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Gurpreet Singh	239501810	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Coursewak Singh	239696490	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Gursimran Kaur Rai	239632180	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Gurwinder Kaur	239589940	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Harash Kamboj	229569700	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Hardik Jain	239514460	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Harfateh Singh Cheema	239681530	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Hargobind Singh	229527650	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Hariom Brahmhatt	239642630	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Haritha Gantalagari	229541180	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Harjinder Singh	229585950	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Harmandeep Kaur	229599130	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Harmanjit Singh	229571390	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Harmanjot Kaur	239656310	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Harmanpreet Kaur	229686480	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Harmanpreet Kaur	239637260	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Harmanpreet Singh	239602550	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Harneet Maan	239694420	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Harnoor Kaur	229558160	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Harpal Singh Oshan	229610690	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Harpreet Kaur	229549340	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Harpreet Kaur	229513560	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Harpreet Kaur	229591200	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Harpreet Kour	239681930	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Harpreet Singh	229696400	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Harshdeep Singh	239514300	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Harshilkumar Alkeshbhai Upadhyay	229513990	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Hemalatha Jadala	229538110	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Het Vijaybhai Kakadiya	239640910	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Himanshi	239637250	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Himanshu Nijhara	229534550	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Himanshu Saini	239687890	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Hitesh Bhatia	239686990	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Hitesh Vijay Tiwari	229534640	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Inderjit Kaur	239692710	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Inderpreet Kaur	239669660	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Indira Priyadarshini	229692220	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Iqbal Kaur	239533990	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Isha Sangra	229548760	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Isha Sood	229574050	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ishant Namdev	229566320	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ishpreet Singh	239610920	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ishroop Singh	239675650	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jagadeesh Palani	229506440	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jagdeep Kaur	239509430	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jagdeep Singh	239641050	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jagjit Singh	229580770	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Japasees Singh	239656890	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Japneet Kaur	239697800	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Japneet Kaur Suri	239624560	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jashandeep Singh Sohi	239519640	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jashanjot Kaur	229562780	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jashanjot Singh	239665300	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jaskiran Kaur	239518500	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jaskiran Kaur	239619980	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jasleen Kaur	239502570	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jasleen Kaur Gurbindersingh Khehra	239665060	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jasmeen	239656380	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jasmeen Hans	229513100	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jasmeet Singh	229596730	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jasmine	229585340	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jasmine Kaur Saini	229565430	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jasmine Mundra	229687930	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jasmol Rattan Singh	239541820	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jaspreet Kaur	229532260	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jaspreet Kaur	239629210	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jaspreet Kaur Johal	239606130	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jaydeep Harshadbhai Patel	239682620	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jayesh Munjal	239616940	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jigyasu Bansal	229518850	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jobanpreet Kaur	229642730	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jose Tony	229510110	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Josfin Lalichan	239659550	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jyoti	239676020	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jyoti	239688920	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Jyotsana Thakur	229557650	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Kajal	239689070	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Kamal Rana	239635500	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Kamaldeep Kaur	239572180	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Kamalpreet Kaur	229534060	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Kamalpreet Kaur	229629520	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Kanav Sabharwal	239678050	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Kanishka Gulati	229577600	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Karan Yadav	239624770	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Keerthana Jithu	229532230	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Khushi Manojkumar Vyas	229545100	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Khushleen Kaur	239534280	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Kiran Kaur	229500300	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Kiranjeet Kaur	239659230	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Kiranjeet Kaur	239677650	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Kirti	239653210	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Komal Jain	239554880	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Komal Kaur Kahlon	239542590	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Komal Rani	239626720	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Komalpreet Kaur	229535950	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Komalpreet Kaur	229533030	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Kulwinder Singh	239606650	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Kulwinder Singh	229566720	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Lakshmita Suvarna	229569980	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Lalit Pratapsingh Jangid	229556130	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Lavannia Pillai	229567980	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Lovejot Singh	239655340	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Loveleen Kaur	239605910	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Loveleen Saini	239575970	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Loveleenjot Kaur	239571170	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Lovenish	239537040	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Mahesh Kumar	229569790	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Maninder Kaur Taggar	229662500	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Maninderdeep Kaur	229593210	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Manisha	229665810	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Manisha Punia	239656300	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Manjeet Singh	239641000	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Manmeet Kaur	229525310	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Manmeet Kaur Bhambher	229674880	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Manmeet Singh	229571610	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Manoj Mangalat Kannan	229564740	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Manpreet Kaur	239691280	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Manpreet Kaur	229593100	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Manpreet Kaur	239664880	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Manpreet Kaur	229536750	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Manpreet Kaur	229571350	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Manpreet Kaur	239541830	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Manpreet Kaur	229624030	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Manpreet Kaur	239665710	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Manpreet Kaur	229591530	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Manpreet Kaur	239621760	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Manpreet Singh Jassal	229572270	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Mansi	229513860	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Mansi Sharma	239602770	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Mansi Sharma	239621960	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Mariya Abraham	229537880	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Mayank	239569260	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Meenu Surendran	229510570	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Mekha Biji	239619900	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Mema Susan Anoop	229633070	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Menakshi Rani	239671640	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Mhezbin Kiritkumar Rana	239607250	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Mitkumar Jitendrabhai Prajapati	239632250	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Mohammad Anas	229639350	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Mohammed Ibrahim Khan	229562930	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Mohit	239631800	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Mohit Kumar	229555890	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Monika	239664990	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Mubassira Mubarak Jet	239503010	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Mukul Charak	239699080	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Muskan Kapoor	229580160	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Muzaffar Iqbal	229526270	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Naina	239665530	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Naman Kumar	239671100	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Narender Singh	229550480	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Narjeet Kaur	229500780	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Nasib Kaur	229581960	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Navdeep Grewal	239546550	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Navdeep Kaur	229540160	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Navdeep Singh	239604820	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Navjeet Kaur	239575260	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Navjot Kaur	229501960	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Navneet Kaur	239628630	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Navneet Kaur	229661440	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Navneet Kaur	239678790	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Navneet Kaur	239630580	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Navneet Kaur	229598310	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Navneet Kaur Sainbhee	239689040	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Navtej Kaur	239680940	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Nayana Babysasidharan	239604630	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Nazneen Delzad Bajan	229518350	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Neeraj Kumar	239654990	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Neha	229535380	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Nehal Rasikbhai Raval	239601060	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Nevia	229528150	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Nidhi Sandhu	229599200	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Nihar Vanrajbhai Kathiriya	239646880	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Nikhil Sachdeva	239671040	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Nikita Pradeep Parab	239517140	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Nikita Sawankumar Chauhan	239527310	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Nishi Umeshchandra Jariwala	229554180	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Nishu	239633060	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Nitin	229571570	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Nitin Bakshi	229691310	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Onkar Kaur	229551710	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Pabashi Nuhara Kankanam Gamage	239532910	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Palvinder Kaur	229565110	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Pankaj Mahajan	229629480	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Pankti Hiteshbhai Shah	239682200	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Pankti Vrijeshkumar Patel	239610080	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Paramjeet Kaur	239689270	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Paramveer Kaur	239540520	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Pardhasaradhi Naredla	229512550	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Pariksha Rani	239666510	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Parmar Hetal Pramodkumar	229595970	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Parmjeet Kaur	219636000	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Parneet Kaur	239604990	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Parvinder	239532490	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Pawandeep Kaur	229529240	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Pawanpreet Kaur	229688280	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Pearl	229591390	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Pooja	239665240	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Pooja Rani	239587230	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Poonam Bishnoi	239594270	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Prabhjot Kaur	239606550	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Prabhpreet Singh	239699720	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Prableen Kaur Nanda	239578840	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Prakriti Rai	229533270	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Pranay Kumar Dogra	239541050	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Pratibha	239623250	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Princy	229511270	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Priya	229502560	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Priya Chadha	229611250	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Priyanka Joshi	239551180	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Prudvi Merugu	229636350	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Pujan Bharatkumar Patel	229547780	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Pushpinder Kaur	229603850	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Radha Rani	239698850	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Radhika	239556830	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Radhika	229582030	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Radhika Dhawan	229510130	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Radhika Malhotra	239619780	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Raj Nareshkumar Israni	229514120	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Rajani	229608970	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Rajat	239684270	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Rajeshwar Singh	239694080	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Rajneesh Kaur	239663520	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Rajveer	229540330	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Rajveer Singh	239597120	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ramandeep Kaur	239640520	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ramandeep Kaur	239542760	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ramandeep Kaur	229621800	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ramandeep Kaur	229576830	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ramandeep Kaur	229616290	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ramandeep Singh	229596800	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ramanpreet Kaur	239508230	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ramanpreet Kaur	239664420	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ramjot Kaur	239610550	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ranjeet Kaur	239647590	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ranjeet Kaur	229536980	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Rashmi	239606600	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ravi Teja Maddela	229565960	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ravina	229589540	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ravneet Singh Kathuria	239615040	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Rishav Verma	239602830	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ritik	229545950	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ritika Kapoor	239645950	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Riya Dhaval Chauhan	239624950	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Rohan Patel	239623300	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Rohini	239600470	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Rohit Kumar	229668090	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Roshan Gurung	229652950	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Rovin Singh	229552610	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Ruchir Dubey	229622710	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Rupal Rani	229677650	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Rupinder Chauhan	229607220	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Rupinder Kaur	229573100	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Rupinder Saini	229521530	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Saahil Singh	239627900	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sachin	239616500	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sachin	239522020	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sachin Kumar	239507440	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sadiqa Mohamedali Momin	229602260	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sagar	229548200	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sagar Phogat	239665760	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sagun Narayan Sharma	229623730	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Saheb Singh Nagi	239692770	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sahil Kumar	239658680	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sahil Soni	239570740	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sai Shivaram Dhanasekar	239600370	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sakina Bansal	239671570	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Saksham Diwan	239698490	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sakshi	239628600	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sakshi Kumar	229616580	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Salil Dhingra	239686950	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Samarth Haresh Thakker	239577590	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sandeep Kaur	239675510	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sandeep Kaur	229587470	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sandhya	239502010	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sanjeev Singh	239616850	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sanpreet Singh Muker	229517040	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Saravjeet Kaur	239619120	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sarbjeet Kaur	229515010	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sarbjeet Kaur	239688500	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sarbjit Kaur	229505730	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Satnam Singh Sanga	229659140	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sattar Syed	229577210	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Saurabh Sehgal	239634490	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Seema	239617480	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Seemaben Dashrathbhai Patel	229525800	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Shabna Ummar	229527970	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Shahi	239620910	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Shanu Sharma	239672960	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sharanjit Kaur	239667490	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Shibu Santhosh	229530220	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Shikha	229567650	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Shivam Dhawan	229550400	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Shivam Sharma	229575080	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Shivani	239623380	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Shivani	229554570	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Shivika	239697860	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Shivkumar Nizama	229507030	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Shubham Sharma	239638470	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Shubham Sofat	229611810	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Shubham Thakral	239581670	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Shubham Vinaykumar Jain	239586440	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Siddesh Dinesh Poojari	239685750	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Siddharth Jani	239624720	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Simran Kaur	239686700	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Simran Kaur	239538820	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Simran Kaur Gill	229597350	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Simran Sharma	239660750	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Simranjeet Kaur	229564140	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Simranjeet Kaur	229560780	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Simranjeet Kaur	239601070	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Simranjeet Singh	239696780	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Simranjit Kaur Dhaliwal	239543160	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Simranpreet Kaur	229622800	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Simrat Singh Matharu	239607920	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sitanshu Mittal	239595810	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sneha Kshatri	239629360	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sneha Pushpan	239524370	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sohail Khalid Mahendru	239690350	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sonali Singh	229540470	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sonia Devi	229508940	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sourabh Kumar	239688060	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Subham	229507810	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sujata	239500120	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sujata Kumari	239601160	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sujitha Vitus	229588870	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sukhanpreet Singh Chahal	239661830	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sukhdeep Kaur	239689440	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sukhdeep Singh	239692610	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sukhpreet Kaur	229537460	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sukhpreet Kaur Sandhu	229573950	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sukhraj Singh	229586560	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sukhwinder Singh	239519580	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sumaiya Fathima Sirajuddin	239527260	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sumaiyya Kainat	239565360	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sumandeep Kaur	239550500	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sumandeep Kaur	239650430	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sumanpreet Kaur	229529840	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Sumanpreet Kaur	229672060	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Sunil Saini	229667490	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Syed Abdul Qader Razvi	229571380	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Tamanna Kamboj	239679740	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Tamanna Rani	229540600	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Tana Ajitkumar Patel	239535940	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Tania	239637680	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Tanisha	239627530	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Tanishk Jindal	229584470	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Tanveer Kaur	229528550	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Tanvi Sharma	229694280	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Tapan Dipakkumar Brahmhatt	229689560	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Tarandeep Kaur	229584610	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Taranpreet Kaur	239545860	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Tejas Mukeshbhai Kothiya	229524200	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Tikshandeep	229561800	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Tomy Thomas	239671510	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Vaibhav Dhirubhai Mavani	229508200	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Vaishali Rai	239632030	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Varanpreet Kaur	229577850	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Varun Singh	239612510	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Veerpal Kaur	239548080	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Venkata Surya Chandra Nithin Sai Madala	229568420	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Verendra Singh	229602340	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Vikram	239614010	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Vipul Kamboj	239640790	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Vipul Siag	239531860	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Vishal	229570160	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Vivek Bumra	239645590	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Vivek Natvarbhai Rathod	239518000	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Yadwinder Singh	239604510	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Yash Chhabra	239617270	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Yash Vijaykumar Trivedi	229542480	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Yashasavi Devendrakumar Patel	239695700	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Yashaswi Advala	229551360	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Yasika Sureshbhai Patel	229585390	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Yogita Arora	239656580	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Brampton
Kulwinder Singh	229639260	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Abhishek Kaushal	249679710	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Abhishek Saini	249629240	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Abhishek Sharma	249601150	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ainapreet Kaur	229512820	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Akash Kumar	239682360	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Albert Christo Thomas	239623860	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Aman Dhiman	239584890	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Aman Sisodia	249670700	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Amandeep Kaur	239482210	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Amandeep Kaur	249639980	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Amandeep Kaur	249630670	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Amandeep Kaur	239687260	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Amandeep Kaur	249653760	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Amandeep Kaur	249648400	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Amandeep Singh	249641330	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Amanjot Kaur	249675070	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Amanjot Kaur	249673450	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Amanpreet Kaur	239615510	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Amanpreet Kaur	239610190	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Amanpreet Kaur Khaira	229564210	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Amanpreet Kaur Manshahia	249647190	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Amar	239489350	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Amit Yadav	239661220	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Amrinder Singh	239620640	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Amritbir Kaur	239501130	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Amritpal Kaur	249641400	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Anjali Sandhu	249634800	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Anjali Sharma	249672800	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Anjuben Harsh Kumar Patel	239406560	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ankit Punia	239667750	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ankit Yadav	249619580	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ankita Devi	239515670	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ankush Kumar	239412030	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Anudeep Gudivada	229590920	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Anushika Sakthivel	239471210	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Arshdeep Kaur	239494180	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Arshdeep Kaur	249649530	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Arshdeep Kaur	249600950	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Arshdeep Kaur	239616300	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Arshdeep Singh	249636720	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Arshdeep Singh	239464150	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Arshdeep Singh	239416190	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Arshdeep Singh	239486080	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Arshveer Singh	239667040	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ashitha Rathappillil Jerard	249637510	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Asif Mansuri	239431360	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Aung Nay Soe	239435870	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Bala Vijaya Sai Garapati	239653390	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Baldeep Singh	249614970	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Bhanu Pratap Singh Parihar	239601910	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Bharti	229518280	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Bhavini Bhaveshkumar Ahir	239520290	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Bhupinder Singh	249696800	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Bhuvaneswari Pethikuttai Natarajan	239469950	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Bindhukrishna Murthigari	239631770	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Bittu Sharma	249672220	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Buta Singh	239669690	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Chamkaur Singh Rao	239447200	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Chitra Narayanan	249603030	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Damanjit Singh	249695120	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Davinder Kaur	249605910	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Davinder Kaur	249668620	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Deepsekha Sharma	239663840	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Deepshikha	249671100	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Dildeep Kaur	249612180	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Dilpreet Kaur	249687020	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Dilpreet Singh	249612190	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Diya Bansal	249636380	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Emanuel	239627150	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Farhin Nazir Kadir	249692950	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Gagandeep Kaur	239548450	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Gagandeep Singh	239591940	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Gaganpreet Kaur	239403210	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ganapathi Surya Teja Peddi	249605200	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Gulshan	239475790	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Gurbakhash Singh	249668400	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Gurcharan Singh	249667130	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Gurkeerat Singh	239552040	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Gurleen Kaur	239477550	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Gurmeet Kaur	239434950	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Gurpinder Kaur	249610240	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Gurpreet Kaur	229578940	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Gurpreet Kaur Saundh	239535560	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Gurpreet Singh	239582620	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Gurpyar Singh	249618160	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Gursewak Singh Maan	239424470	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Gurshwinder Singh	239444880	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Gursimran Singh	239483490	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Gurtegveer Singh	229548630	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Gurveer Singh	239446320	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Gurwinder Kaur	239447590	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Hardeep Kaur	239584640	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Hardeep Kaur	249611910	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Hardeep Singh	239545430	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Harjit Kaur	239462900	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Harjot Kaur	239457570	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Harkirat Gill	239476330	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Harmandeep Kaur	239558930	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Harmandeep Kaur	249666950	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Harmander Singh	249689350	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Harmanpreet Kaur Dhillon	249669130	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Harmit Lakhi	249622600	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Harneet Kour	239401550	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Harpreet Kaur	239483120	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Harpreet Kaur	239459050	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Harpreet Kaur	249686130	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Harpreet Kaur	249636890	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Harpreet Kaur	249637820	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Harpreet Kaur	249698860	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Harpreet Kaur	239660910	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Harpreet Kaur	249640240	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Harpreet Singh	239465610	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Harshpreet Singh	249697170	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Harsimranjeet Kaur	239447350	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Hasandeep Kaur Dhaliwal	239451050	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Heli Purav Naik	239474200	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Himangi Chandra	239674870	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Himani	239451630	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Idowu Folarin	239412510	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Inderjeet Kaur	229597440	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ishika Bharti	239405370	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Jagandeep Kaur	249616940	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Jagdeep Kaur	229559920	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Jagdeep Kaur	249637880	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Jashandeep Kaur Bassi	249688780	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Jashandeep Singh	229507210	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Jashandeep Singh	239631650	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Jashanpreet Kaur	249653560	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Jashanpreet Singh	239472490	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Jasmeet Kaur	249630200	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Jasmine	249669660	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Jasneet Singh	239588800	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Jaspreet	239457620	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Jaspreet Kaur	239502290	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Jaspreet Kaur	239401040	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Jaspreet Kaur Kaila	239406350	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Jigar Sureshkumar Parekh	249638930	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Jobindeep Singh Dhanju	239550490	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Jyoti	249648120	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Kalayani Mudgal	249653570	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Kamaldeep Kaur	239493840	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Kamaljeet Kaur	229579140	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Kamaljeet Kaur	249654410	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Kamaljeet Kaur	249635890	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Kamaljit Kaur	239440800	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Kamalpreet Kaur	249624540	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Karanbir Singh Johar	229572110	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Kashish Bhalla	249694820	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Kashyap Dilipkumar Chaudhari	239463870	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Khushdeep Singh Brar	229534000	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Khushi	239473740	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Kiranpreet Grewal Kaur	239511560	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Komal Rameshbhai Mistry	249620970	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Komalpreet Kaur	239410410	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Komalpreet Kaur	239483830	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Krit Singla	249609520	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Kuldeep Kaur	249628650	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Kuldeep Kaur Dhillon	239478500	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Kuljinder Kaur	239422400	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Kulveer Kaur	239505160	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Kulveer Kaur Dhaliwal	239549780	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Kulvir Singh Chahal	249630580	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Lakhveer Kaur	249618630	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Leela Sowjanya Addanki	229670930	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Lisa	239697520	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Lovepreet Kaur	239599050	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Lovepreet Kaur	249684470	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Lovepreet Singh	249650780	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Lovepreet Singh	249684360	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Lovepreet Singh	239470080	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Mamta Devi	249580420	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Mamta Mani	239410250	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Mandeep Kaur	239458720	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Mandeep Kaur	239442300	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Mandeep Singh Kangarh	239445710	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Maninder Kaur	249634130	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Maninderpal Sharma	239453170	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Manisha Rani	249634480	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Manishraj Gyanugapyata	239495580	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Manjot Kaur	239462450	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Manjot Singh	239443440	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Manpreet Kaur	239560220	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Manpreet Kaur	239492730	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Manpreet Kaur	249666680	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Manpreet Kaur	249644240	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Manpreet Kaur	249691340	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Manpreet Kaur	239514830	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Manpreet Kaur	229582350	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Manpreet Kaur Sidhu	249622390	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Manpreet Singh	229502570	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Mansi Sharma	239576510	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Manveer Kaur	239462350	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Mayank	249670630	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Mehakpreet Kaur	239600310	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Mohammad Hashim Siddiqui	239607300	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Mohd Gazi	239643040	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Molpreet Singh	239471660	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Money	239645190	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Moninder Kaur	249633050	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Mukesh Kumar	229560590	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Muskan	239410360	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Muskan	249666830	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Muskan Shaileshbhai Parmar	239414620	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Muskan Thakur	249687710	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Namrata	249699740	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Naresh	239483360	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Narinder Kaur	239542890	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Narinder Kour	239406840	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Narinder Singh	239541770	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Navdeep Kaur Bhullar	239434670	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Navjot Kaur	239508200	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Navjot Kaur	249678920	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Navjot Kaur	249680560	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Navpreet Kaur	229576620	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Nidhi Pradeep Patel	229553980	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Niharika	239472900	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Nikhil Kumar Gaba	239616970	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Nikhilkumar Gohel	239474620	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Nishtha Lalwani	239656420	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Nitin	249606960	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Pardeep Kaur	249602170	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Pardeep Singh	239515260	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Pardeep Singh	249688250	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Parminder Singh	239452200	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Parneet Kaur	239536420	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Parshotam Singh	239414330	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Pawandeep Kaur	239689030	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Pawanpreet Kaur	239477600	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Prabhat Semwal	239472380	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Prabhjot Kaur	239499780	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Prabhjot Kaur Birring	229565490	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Prabhjot Singh	249636800	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Priya	229506250	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Priya Rani	249654580	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Rahul Jakhar	239499010	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Rahul Sood	239587340	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Rajdeep	239491630	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Rajender Kaur	249661900	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Rajgopal Tulasi Venkata	249652670	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Rajina	239475360	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Rajinder Singh	239478590	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Rajpal Kaur	239414260	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Raman Deep Kaur	249652470	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ramandeep Kaur	249603690	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ramandeep Kaur	249662180	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ramandeep Kaur	229597110	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ramandeep Kaur	239436820	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ramandeep Kaur	249657410	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ramandeep Singh	239462050	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ramandeep Singh	239676830	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ramanjeet Kaur	239431420	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ramanpreet Kaur	249629470	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ramanpreet Kaur	229514250	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ramesh Kumar	239597320	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ramneet Kaur	239413670	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Rankit	249649880	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ranpreet Kaur Bains	239483200	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ravinarayan Nair	229669550	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ravinder Kaur Gill	239555920	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Renu Pal	239459010	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Rimpal Jot Kaur	249624550	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Rishabh Paul Didacus	239435740	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Riya Manishkumar Patel	249690390	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Rohit	239482490	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Roopali Choudhary	249659240	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Rupali	239461040	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Rustam Singh	249630830	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Sabreen Kaur	249683600	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Sahejpreet Singh Bhathal	239414050	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Saloni	239492900	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Sandali	249695150	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Sandeep Kaur	249663430	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Sandeep Kaur	239411200	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Sangram Singh	239468470	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Sarbjeet Kaur	239461230	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Satveer Kaur	239464870	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Shahdeep	239496730	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Shani Rajuji Thakor	249634440	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Sharanjeet Kaur	239520520	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Shilpa Rani	239610670	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Shivani	239439910	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Shivani Sharma	249625850	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Shruti	239470050	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Shubhpreet Singh	249633820	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Simranjeet Kaur	249608950	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Simranjit Kaur	229584410	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Simranjit Singh	239494970	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Simranpreet Kaur	249628960	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Sindhu Krishna Murthigari	239605160	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Sneha Ashi John	249651670	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Sourav	239474840	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Srishti Kaushal	249636770	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Sugam	249646960	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Sukhdeep Kaur	239476410	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Sukhdeep Kaur	249660990	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Sukhdeep Kaur	239570560	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Sukhpreet Kaur	249677660	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Sukhveer Kaur	249640670	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Sukhveer Singh	249695280	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Sukhvir Singh	249645350	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Sukhwinder Kaur	239605010	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Sumandeep Kaur	239451410	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Sumti Sharma	249613530	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Surinder Kaur	249696520	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Surinder Kaur	239676450	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Swalih Kizhakveettii Sidhique	239481220	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Swarndeeep Kaur	239517940	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Tabassum Yusuf Patel	249660530	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Tanya	239543310	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Tarandeep Singh	239475160	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Tushar	229570340	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Tushar Gulati	239460920	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Ujjwal Karyana	239632920	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Uwagboe Olanrewaju Uyi	239474290	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Varshini Dhatchinamoorthy Latha	249678930	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Veerpal Kaur	239480750	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Veerpal Kaur	249644710	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Vijay Raj Singh Aulakh	239484560	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Vikrant Singh	239694930	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Vilas Koravangatt	249652880	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Vrushali Baliram Patil	239679120	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Walter Wilson	239482820	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Yadwinder Kaur	239428990	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Yadwinder Singh	249655440	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Yash Rakeshkumar Patel	229593090	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Yashvi Patel	239660730	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Yusuf Khan	239471890	Graduate Certificate in Human Resources Management	GCERT.HRES	Brampton
Aaqib Javidkahter Mirza	249610840	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Aastha Patel	249699950	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Abdul Muneeb Syed	239626160	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Abhigyan Banerjee	249676010	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Abhishek Satishkumar Raval	239407670	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Abi Sasthamparambil Abdul Sathar	229567960	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Ajay Kumar	229517050	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Akash Meshiya	239464910	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Akshu Patel	249608500	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Amanpreet Kaur	229524710	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Amanpreet Kaur	239553570	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Amisha Jayeshbhai Patel	249696250	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Aniket Singh	239582770	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Arshdeep Singh	239481190	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Babanpreet Kaur	239692580	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Bali Singh	239659050	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Daxesh Jagishbhai Lad	249613040	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Deepak Barwal	239642720	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Deepwinder Singh	239483560	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Dharmin Nareshbhai Patel	239592650	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Dhaval Ghoghara	239424240	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Dhruvil Kamlesh Patel	249626580	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Divya Chetankumar Shah	239454000	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Ekta	239542450	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Georgey Siby	239574640	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Gourav Kumar	239496500	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Guriqbal Singh	239424490	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Gurmeet Kaur	239695940	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Gurpreet Kaur	239599170	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Gurwinder Singh Lalhiana	239400780	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Harinder Singh	239597400	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Harnoor Mangat	239614940	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Harsh Dipakkumar Pathak	239552550	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Harshvardhan Dhananjaybhai Raval	249627640	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Harsimran Singh	239638370	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Harwinder Kaur	249672810	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Heena Rani	239495720	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Hetaliben Milankumar Ahir	239514450	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Jaimin Jadav	239527410	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Jaspreet Kaur	239497180	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Jaswinder Kaur Ajit Singh Khehra	229592700	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Karishma Kundra	239618810	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Khusboo Ahir	239584930	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Kiranpreet Kaur	239618280	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Man Rasikbhai Malani	239463550	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Manavkumar Uttamkumar Patel	239574950	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Mandeep Kaur	239623360	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Mandeep Kaur Dhariwal	229514850	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Manjeet Singh	229590830	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Manpreet Kaur	239420180	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Manpreet Singh	249625970	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Meetkumar Patel	249609140	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Mohammed Waseem Khan	239660550	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Mohd Naveen	249689880	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Mythry Dheeraj Reddy Gudipally	229599490	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Namita Rani Garg	239472360	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Navneet Sharma	239468630	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Nihar Mayurkumar Patel	249696280	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Nisha Ajitbhai Raval	249638820	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Niteshkumar Thakor	239437070	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Nitish Sharma	239405990	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Omairullah Mohammed	239434040	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Parevi Samirbhai Patel	249600030	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Parthkumar Ajaybhai Patel	249653500	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Payal Sharma	239451980	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Poonamvir Kaur	239412010	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Prabhkiran Singh	239656680	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Prabin Gautam	239491040	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Prince Rokaya	239605230	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Priti Rajeshkumar Panchal	249616760	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Priya Ghai	239572920	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Priyaben Ishvarbhai Patel	239414180	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Raghav Gill	239640470	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Rajendra Singh	239610560	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Rakhi	249695410	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Raman Deep Kour	239464430	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Ramandeep Kaur	249611210	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Raveen Dahiya	239539530	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Ravi Shaileshbhai Nasit	239472550	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Renil Kishorbhai Zalavadiya	239527030	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Rishav Thakur	239457670	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Rumit Kanubhai Kakadiya	239546660	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Sagar Patel	239440840	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Sahil Kumar	249603440	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Sahil Kumar	239545340	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Sai Deepthi Katakam	239412980	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Sai Kapil Karthik Koka	239482180	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Saleem Ayotunde Azeez	239446510	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Sangita Karki	239480510	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Sarbjit Singh	249697160	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Saurabh Dadhich	229572400	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Shantanu	239681840	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Shivani Narendrabhai Tailor	249611820	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Shrutik Patel	229533490	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Shyamal Sharma	239646150	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Shyamkumar Satishkumar Patel	249640300	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Simranjit Kaur	239629680	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Smit Mahida	239691090	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Smit Parmar	239587730	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Smit Rameshchandra Patel	239653020	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Sukhpreet Kaur	229592040	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Sukhpreet Singh	239472010	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Sukhveer Kaur	229595700	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Sukhvir Singh	239696720	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Sumit Kumar	239648060	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Sushant Sushant	229595510	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Sweta Patel	249654030	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Tushar	239420800	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton

Student Name	Student Number	Program Name	Program Code	Campus
Umang Prahadbhai Patel	239570990	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Vanshika	229511240	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Vidhi Bharatkumar Patel	239637320	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Vikas Manhash	239500180	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Vivek Sharma	239566130	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Vrushikumar Miteshkumar Kachhiya	239463300	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Yash Jatinbhai Patel	239426310	Graduate Certificate in Information Technology	GCERT.ITEC	Brampton
Silky Grover	209637020	Graduate Certificate in Project Management: Resilience and Innovation	GC.PMGT	Sault Ste Marie
Arshdeep Singh	239404180	Graduate Certificate in Business	GCERT.ADMN	Sault Ste Marie
Dinesh Kumar Dhiman	239513940	Graduate Certificate in Business	GCERT.ADMN	Sault Ste Marie
Gunpreet Kour Gill	239468580	Graduate Certificate in Business	GCERT.ADMN	Sault Ste Marie
Gurpartap Singh	239583640	Graduate Certificate in Business	GCERT.ADMN	Sault Ste Marie
Harinder Singh	249630870	Graduate Certificate in Business	GCERT.ADMN	Sault Ste Marie
Karanveer Singh	239586640	Graduate Certificate in Business	GCERT.ADMN	Sault Ste Marie
Manpreet Kaur	249653420	Graduate Certificate in Business	GCERT.ADMN	Sault Ste Marie
Meenaj Mahammad Hafeez Modan	249697130	Graduate Certificate in Business	GCERT.ADMN	Sault Ste Marie
Meenu	249675770	Graduate Certificate in Business	GCERT.ADMN	Sault Ste Marie
Mitishaben Rajeshbhai Patel	249638030	Graduate Certificate in Business	GCERT.ADMN	Sault Ste Marie
Monika Rani	249690740	Graduate Certificate in Business	GCERT.ADMN	Sault Ste Marie
Muskaan	239463600	Graduate Certificate in Business	GCERT.ADMN	Sault Ste Marie
Nandu Sasikumar	239625790	Graduate Certificate in Business	GCERT.ADMN	Sault Ste Marie
Om Vikas Khandagale	249657160	Graduate Certificate in Business	GCERT.ADMN	Sault Ste Marie
Prasanna Balaji Sakthidasan	249687700	Graduate Certificate in Business	GCERT.ADMN	Sault Ste Marie
Priya Rani	239581010	Graduate Certificate in Business	GCERT.ADMN	Sault Ste Marie
Rahul Ramaswamy Bharadwaj	239452420	Graduate Certificate in Business	GCERT.ADMN	Sault Ste Marie
Rubalmeet Kaur	239465070	Graduate Certificate in Business	GCERT.ADMN	Sault Ste Marie
Sri Vignesh Karthikeyan	249671320	Graduate Certificate in Business	GCERT.ADMN	Sault Ste Marie
Yogesh Gautam	239599010	Graduate Certificate in Business	GCERT.ADMN	Sault Ste Marie
Anju Joy	239518050	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Anju Rani	239658860	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Anmol Chhabra	239553890	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Ann Mary Jacob	229593920	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Arun	239685860	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Arun Sebastian	229500270	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Arwinder Kaur	229650310	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Ashmeet Singh	239501630	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Babbalpreet Kaur	239601300	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Darpan Shah	239507740	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Dhruvansha Mehta	229564380	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Dhyey Bharatbhai Limbachiya	239631420	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Dikshit Patel	239667850	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Fida Hussain Shakir	239613080	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Gaganpreet Kaur	239540540	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie

Student Name	Student Number	Program Name	Program Code	Campus
Jameelunissa Haneef Mohammed	239613740	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Jashan Ghai	239646890	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Jaskirat Singh Narula	239691570	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Manisha	229519910	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Melissa Donald	229592310	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Monika Jaswal	229670210	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Naomi Avlon Pereira	239594100	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Naveen	239669920	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Nitin Vasudev	229504480	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Pawandeep Kaur	239560310	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Pooja Rani	229578580	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Prateek Sehrawat	229505720	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Prince Kumar	229597550	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Puneet Katyal	239550040	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Riya Rana	239610510	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Rupinderveer Singh	239697910	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Sandeep Singh	239642270	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Satnam Singh	229541110	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Simranjeet Singh	239537270	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Simranpreet Kaur	239626380	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Tony Vijay	239675210	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Venkatareddy Madireddy	239572160	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Vikrant Chaturvedi	229525810	Graduate Certificate in Human Resources & Business Management	GCERT.ADMN.HRES	Sault Ste Marie
Amandeep	239488450	Graduate Certificate in Environmental Science	GCERT.ENVS	Sault Ste Marie
Astha Rajeshkumar Patel	239458250	Graduate Certificate in Environmental Science	GCERT.ENVS	Sault Ste Marie
Axaybhai Jayantibhai Patel	239579200	Graduate Certificate in Environmental Science	GCERT.ENVS	Sault Ste Marie
Bhumika Mahendra Patel	239441590	Graduate Certificate in Environmental Science	GCERT.ENVS	Sault Ste Marie
Daxesh Parmar	239447950	Graduate Certificate in Environmental Science	GCERT.ENVS	Sault Ste Marie
Krenalben Dineshbhai Patel	239404710	Graduate Certificate in Environmental Science	GCERT.ENVS	Sault Ste Marie
Nadiya Harunbhai Shaikh	239429830	Graduate Certificate in Environmental Science	GCERT.ENVS	Sault Ste Marie
Navjot Singh	239507610	Graduate Certificate in Environmental Science	GCERT.ENVS	Sault Ste Marie
Neha Kumari	239485590	Graduate Certificate in Environmental Science	GCERT.ENVS	Sault Ste Marie
Nevil Govindbhai Vaghasiya	239402780	Graduate Certificate in Environmental Science	GCERT.ENVS	Sault Ste Marie
Parthvi Mukeshkumar Patel	239427250	Graduate Certificate in Environmental Science	GCERT.ENVS	Sault Ste Marie
Prakruti Has mukhbhai Joshi	239492150	Graduate Certificate in Environmental Science	GCERT.ENVS	Sault Ste Marie
Priyalben Devendrakumar Suthar	239563490	Graduate Certificate in Environmental Science	GCERT.ENVS	Sault Ste Marie
Ramandeep Kaur	239434330	Graduate Certificate in Environmental Science	GCERT.ENVS	Sault Ste Marie
Ramandeep Singh	239429000	Graduate Certificate in Environmental Science	GCERT.ENVS	Sault Ste Marie
Rohan Avinash Phatak	239487350	Graduate Certificate in Environmental Science	GCERT.ENVS	Sault Ste Marie
Shweta	239463780	Graduate Certificate in Environmental Science	GCERT.ENVS	Sault Ste Marie
Sumitkumar Patel	229554090	Graduate Certificate in Environmental Science	GCERT.ENVS	Sault Ste Marie
Tanisha	239429530	Graduate Certificate in Environmental Science	GCERT.ENVS	Sault Ste Marie
Vidhiben Patel	239410270	Graduate Certificate in Environmental Science	GCERT.ENVS	Sault Ste Marie

Student Name	Student Number	Program Name	Program Code	Campus
Vinay	229556740	Graduate Certificate in Environmental Science	GCERT.ENVS	Sault Ste Marie
Yadveer Singh	239569250	Graduate Certificate in Environmental Science	GCERT.ENVS	Sault Ste Marie
Akashdeep Singh	239462330	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Arshdeep Kaur	249626340	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Arti	249666170	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Deepti Verma	239554580	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Devanshi Gajendrasinh Zala	229539120	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Dharminder Singh	239480900	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Faisal Abbas Naqvi	249671950	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Gurpartap Singh	239583640	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Karan Sood	229577860	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Krushang Rameshbhai Patel	249696540	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Lovepreet Singh	239489370	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Luciana Marini-Wurdemann	229586300	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Mandeep Kaur	249611660	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Monika	229588600	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Nidhi Sharma	239606920	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Paldeep Kaur	239478560	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Payal Altafbhai Kadwani	239430840	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Prabhmeet Kaur	249649300	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Rajkamal Kaur	219647020	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Rajveer Kaur	239446050	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Ramandeep Kaur	229538370	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Ramandeep Kaur	229503820	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Rekha Daroch	249654530	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Shamsher Singh	229516200	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Taranpreet Kaur	239415330	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Vinay	229556740	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Vraj Amitkumar Patel	249620550	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Yogesh Gautam	239599010	Graduate Certificate in Human Resources Management	GCERT.HRES	Sault Ste Marie
Akshita	229534820	Graduate Certificate in Health Sciences	GCERT.HSCN	Sault Ste Marie
Deep Bharatbhai Bathwar	239599900	Graduate Certificate in Health Sciences	GCERT.HSCN	Sault Ste Marie
Jay Alkeshkumar Patel	239512250	Graduate Certificate in Health Sciences	GCERT.HSCN	Sault Ste Marie
Kawaljeet Kaur	239404520	Graduate Certificate in Health Sciences	GCERT.HSCN	Sault Ste Marie
Nitish Bhardwaj	239483590	Graduate Certificate in Health Sciences	GCERT.HSCN	Sault Ste Marie
Ravinder	239469930	Graduate Certificate in Health Sciences	GCERT.HSCN	Sault Ste Marie
Riyaben Indravadanbhai Barot	239472270	Graduate Certificate in Health Sciences	GCERT.HSCN	Sault Ste Marie
Sukhjinder Kaur	239494820	Graduate Certificate in Health Sciences	GCERT.HSCN	Sault Ste Marie
Sweta Navinchandra Chauhan	239485270	Graduate Certificate in Health Sciences	GCERT.HSCN	Sault Ste Marie
Vishek	239458020	Graduate Certificate in Health Sciences	GCERT.HSCN	Sault Ste Marie
Harpreet Kaur	239552270	Graduate Certificate in Information Technology	GCERT.ITEC	Sault Ste Marie
Jasraj Singh	239540260	Graduate Certificate in Information Technology	GCERT.ITEC	Sault Ste Marie

Report of the COU Academic Colleague to Senate

Linda Burnett

September 3, 2024

1. I attended meetings of the COU Academic Colleagues on **August 13 and 4, 2024**.
2. During the meeting on **August 13, Glen Jones**, Professor of Higher Education at the University of Toronto, joined the colleagues to present his observations on the future of higher education in Ontario. Jones identified six key themes relevant to the future of higher education in Ontario: responding to the truth and reconciliation commission; international engagement; expanding credentials; leadership and stability; increasing politicization; and comparatively general positive views of postsecondary education in Ontario. See earlier observations by Jones in [“7 university leaders contemplate the future of higher education in Canada,”](#) published by *University Affairs* in September 2019.
3. On **August 14**, COU President **Steve Orsini**, provided an update on key issues affecting the sector. He noted that the government is starting the process of negotiating the SMA 4 agreements. He also provided an overview of the current financial situation of the sector, explaining that due to chronic underfunding and the extension to the 10% tuition cut and freeze all Ontario universities are facing significant financial pressures. COU estimates that ten universities are expected to report more than \$300 million in operating deficits in 2023-2024.

Orsini informed Colleagues that COU is continuing to push the government to implement the Blue-Ribbon Panel’s recommendations and that it is critical that the sector remains united in it’s call for increased funding.
4. Orsini talked about the SMA for corridor funding being frozen since 2016, effectively placing a cap on the number of domestic students being admitted to universities in Ontario. He predicted up to 18% in growth between 2024 and 2030 in the number of Ontario students applying to Ontario universities—and added that because of the current corridor system only those with the highest grades will be admitted. He noted that the SMA4 process is just starting. The colleague from U of Guelph reported that Guelph’s senior administration made the decision to ignore the corridor and admit 7,000 domestic students in September (with those above the corridor unfunded).
5. COU President Steve Orsini also spoke about the recent cap placed by the government on international students. Orsini described this as an attempt by government to “redress” the enrollment problem relating to international students created by the colleges. He suggested that this problem “led to the whole country being shut down.”

6. Colleagues shared updates on topics and issues that were front-of-mind at their respective institutions, including updates on enrollments, on-going and up-coming administrative and leadership changes, and impacts of government decisions on international students and budgets. Steve Orsini's remarks about the increasing number of university presidents and VPAs and deans failing to complete their terms was supported in the reports from many of the colleagues.

7. Next meetings of the COU academic colleagues are on **October 2 and 3, 2024.**

Senate Committee Report
Academic Standards and Appeals
Sept 19 2024

The Committee members responsible for adjudication of appeals have been meeting twice weekly since Sept 6 and have reviewed, discussed, and submitted a decision on 113 (of 120) student appeals from the Spring semester.

As Acting Chair of this Committee, I want to express my gratitude to these committee members who have served more than 14 hours in three weeks to this important work. We collectively also thank those faculty who have volunteered to serve as alternates as we prepare for the next end-of-term workload.

Quality Assurance Committee Report for Senate
September 19, 2024

The Quality Assurance Committee continued meeting regularly throughout the summer and continues to meet regularly, at least twice monthly.

Currently the Committee is reviewing proposals for Master's programming from the FBE and the FCST.

The Committee will also be working to support and review four cyclical program reviews this academic year.

Respectfully submitted,

Paul Dupuis, Chair, QualCom

Teaching and Learning and Technical Support Services Committee Monthly Report

October 2024

As this was our first meeting where we still had to find a chair there is not too much to report.

A few things to note:

The committee is reviewing the draft that committee member Nathan Murray assembled for a set of **Provisional Guidelines on the use of Artificial Intelligence in Teaching and Learning** and will have it ready **for the faculty to provide input by October 2024.**

The work plan for the year is in the planning phase.

Thanks,
Tracy Spurway
Chair

Faculty of Business and Economics | October 2024

Report submitted by: Dr. William Wei - Dean, Faculty of Business and Economics

Date: 04-Oct-2024

Major Accomplishments of Faculty Members in Research, Teaching, and Service

Professorial Lecture: Dr. Nusrate Aziz.

A dedicated faculty member in the Faculty of Business and Economics, [Dr. Nusrate Aziz](#) has recently been promoted to the rank of Full Professor. To celebrate his achievement, the Dean's office of FBE has invited Professor Nusrate Aziz to deliver a professorial lecture on a topic that reflects his expertise and contributions to the field of economics, September 20, 2024 at 12 noon. A special thanks to President Dr. Asima Vezina, who opened this professorial lecture.

Featured New Faculty Members

As of last academic year, the FBE Dean's office will continue to highlight new and featured faculty members in this report. We will start with **Dr. Taslima Nasreen**, who joined us from Fall 2024 as a tenure track Assistant Professor of Accounting. Dr. Nasreen's research is apprised by various interdisciplinary, interpretative, critical accounting approaches and sustainability awareness. She utilizes an institutionalist's perspective and interpretative methodology to examine accounting practices within societal contexts. Her passion lies in exploring the role of accounting in integrating sustainability into organizational and industry practices. Dr. Nasreen has recently achieved a strong track record in interdisciplinary accounting-focused research, with four published articles in peer-reviewed journals such as Managerial Auditing Journal (A-ranked), the Journal of Forensic and Investigative Accounting (B-ranked), the Journal of Financial Reporting and Accounting (C-ranked), and the Copernican Journal of Finance and Accounting (C-ranked). Here is her [profile](#).

We also would like to introduce one of our new sessional faculty members: **Tyrelle Appleton**. Living in GTA, Tyrelle is an MBA and award winner of eSports competitions and he teaches ADMN1706: Introduction to Esports starting from the Fall term. [Here](#) is his featured story.

Student Orientation

Coordinated with the Student Life team, FBE organized a student orientation session on the Brampton campus on August 28. **Dr. Jo-Anne Ryan, Dr. Nusrate Aziz, Dr. Robert Xu and Dr. Farzana Alamgir** met the students. Dr. Ryan introduced the programs and answered students' questions.

Faculty Orientation

On September 11, **Dr. William Wei** and **Dr. Laurie Bloomfield**, Deans of the Faculty of Business and Economics and Faculty of Science, organized a virtual session of faculty orientation for the new faculty members. More than 80 faculty members (including the speakers) joined the session. **Dr. Donna Rogers**, interim VPAR, has kindly offered a greeting from university leadership.

Community Engagement Events

Dr. Jody Rebek and **Dr. Teryn Bruni** have led students and faculty in an interdisciplinary lab that bridges business and psychology. This year, the Bridge Lab hosted a launch on September 10 to have flash talks for any faculty or student-led sustainability-related projects on campus. This introduced their partner DeScide Lab (Drs. Abou Kasm and A. Aziz) and expanded the interdisciplinary membership of the lab - Read more [here](#).

Dr. Robert Xu, a senior CFA charterholder, was invited by the CFA Institute to serve as a CFA Exam Grader for the global grading session of CFA Level III essay questions from September 14 to 20, 2024.

Faculty of Computer Science and Technology | October 2024

Report submitted by: Dr. Simon Xu - Acting Dean, Faculty of Computer Science and Technology

Date: 2024-09-19

Major Accomplishments of Faculty Members in Research, Teaching, and Service

Dr. Ajmery Sultana's research project "TX Detector- Comprehensive Plagiarism Detection for Handwritten Exam Papers using Advance Content and Semantic Matching Algorithms" has been accepted for funding under the Teaching Innovation Fellowship program within the Centre for Teaching and Learning (CTL) at Algoma University.

Shahroz Abbas, student of the Faculty of Computer Science & Technology, has been selected as a lead for Google Developer Group (GDG) club for Brampton campus. Dr. Sultana is working as an advisor for this club. The GDG club provides a platform for our AU students to learn about google technologies like Android, Google cloud, TensorFlow, and other industry-relevant technologies and to prepare for the evolving demands of the tech industry.

Dr. Mahreen Nasir's research project "Global Engagement and Inclusive Excellence: Advancing Intercultural Learning and EDI in Education" has been accepted for funding under the Teaching Innovation Fellowship, Algoma University.

List of Research Publications, Conference Presentations, Performances, and Events

Please see [Appendix A](#) for a list of research publications, conference presentations, and events.

ALCOMS LAUNCH EVENT

The new Algoma University Computer Science Society (ALCOMS) is a student-led organization committed to fostering a supportive and inclusive community for students enrolled under the Faculty of Computer Science & Technology. Our mission is to provide opportunities for skill development, collaboration, and networking through events, workshops, and various activities. ALCOMS is currently focused on serving Brampton Computer Science students, with plans to expand to the main campus by next year. The society is led by a dedicated committee that includes Yuvraj (President), Muhammad (VP Operations), Vidhi (VP Admin), and Vani (VP Communication), with support from Dean Dr. Simon Xu, Admin assistant: Ms. Calyssa Skeggs, Faculty representative: Dr. A B M Bodrul and Faculty advisors: Dr. Ajmery Sultana, Dr. Faria Khandaker, Dr. Randy Lin, Dr. Arghavan Asad, Dr. Syed Danish, Dr. Yazan Otoum, and Dr. Ping Luo. We actively work with Algoma University students to create an environment where they can explore, learn, and grow, building valuable connections that will help them succeed academically and professionally.

Please see [Appendix B](#) for a report on the launch event.

Appendix A:

List of Research Publications, Conference Presentations, Performances, and Events

The following are some of the activities by faculty members from Computer Science and Technology in August and September 2024.

Faculty of Computer Science and Technology

Sultana, Ajmery., Lin, Randy & Nasir, M., Garcia-Ruiz, Miguel., Bruni, Teryn & Chan, Walter. (2024). "Privacy-aware Student Mental Health And Wellness Monitoring System". In the International Conference on Mental Health and Addiction, Algoma University, Canada.

Lin, Randy., Garcia-Ruiz, Miguel., Nasir, M., Sultana, Ajmery. (2024). "Beyond Traditional Teams: Using ChatGPT to Simulate Project Management Dynamics and Software Development in Online Higher Education". In the 35th International Conference for Society for Information Technology & Teacher Education.

Garcia-Ruiz, Miguel., Nasir, M., Lin, Randy., Sultana, Ajmery. (2024). Usability Analysis of a ChatGPT-based Learning Programming Assistant in Higher Education (2024). In the 35th International Conference for Society for Information Technology & Teacher Education.

Seham Al-Abdul Wahid, **Arghavan Asad**, Farah Mohammadi, "Quantum Computing: Design and Noise Simulation" submitted to LASCAS 2025 IEEE CASS Flagship Conference in September 2024.

Seham Al-Abdul Wahid, **Arghavan Asad**, Farah Mohammadi, "IBM's Qiskit Quantum Computing Circuit Design Approach" submitted to ICASC 2024 IEEE Conference in September 2024.

Seham Al-Abdul Wahid, **Arghavan Asad**, Farah Mohammadi, "Quantum Combinational Circuits Design: Python Approach" Accepted in Global Conference Alliance Inc 2024.

Arghavan Asad, Jenish Gajera, Nikhil Pinto, Adla Jahnavi, Rupinder Kaur, Farah Mohammadi, "Machine Learning based Dynamic Overload Surge Protection System for Electrical Appliances" submitted to ISCAS 2025.

Y. Otoum, P.Singh and A. Nayak, "Advancing IoMT Defenses: Deep Collaborative Learning for Robust Healthcare Security" GLOBECOM 2024 - 2024 IEEE Global Communications Conference, Cape Town, South Africa, Accepted.

Yazan Otoum, Chaosheng Hu, Eyad Haj Said, Amiya Nayak, "Enhancing Heart Disease Prediction with Federated Learning and Blockchain Integration", Article submitted to Future Internet journal.

Yazan Otoum, Chaosheng Hu, Amiya Nayak, "Optimizing Intrusion Detection with Hybrid Traditional and Large Language Model (LLM) Approaches". Ready for submission.

T. Pabla and **Ajmery Sultana**, "Modular blockchain architecture: Securing data with quantum-safe encryption" 2024 International Conference on Quantum Communications, Networking, and Computing (QCNC 2024), publication date: 22 August

2024.

URL: <https://ieeexplore.ieee.org/document/10628167>

T. Pabla and **Ajmery Sultana**, "Towards Secure and Efficient Communication: Leveraging Quantum Internet Technologies" 2024 IEEE Canadian Conference on Electrical and Computer Engineering (CCECE 2024), publication date: 12 September 2024.

URL: <https://ieeexplore.ieee.org/document/10667126>

Dr. Sultana: Technical Program Committee (TPC) Member, TPC, GLOBECOM 2024 Workshop - UNI (2024 IEEE Globecom Workshops (GC Wkshps): Ubiquitous Network Intelligence for Next Generation Wireless Networks), 2024. <https://globecom2024.ieee-globecom.org/>

Dr. Sultana TPC Member, International Conference on Computing and Data Analytics (ICCDa 2024), UTAS, Sultanate of Oman, 2024. <https://icdda-24.utas.edu.om/>

Dr. Nasir supervised an international Mitacs intern during the Summer for the internship, successfully completed the research project and it was presented to the university community at an International Learning showcase.

Dr. Sultana supervised four international interns from Korea and two international interns from India under Mitacs GRA (Quantum Call) and GRI internship program during the Summer and they have successfully completed their research projects.

Faculty of Computer Science & Technology orientation sessions were held at Brampton and SSM campuses. Dr. Nasir led the undergraduate orientation session in SSM with Dr. Khokhar & Dr. Azam present. Dr. Alam led the undergraduate session in Brampton with Dr. Khandaker, Dr. Lin and Prof. Haider Amir, Dr. Xu and Calyssa Skeggs present. Dr. Garcia-Ruiz led the Masters in Computer Science orientation session with Dr. Rahman, Dr. Nasir and Dr. Azam present.

ALCOMS LAUNCH EVENT

September 9th, 2024



Introduction

The Algoma University Computer Society (ALCOMS) proudly held its highly anticipated launch event, an occasion that marked the beginning of a new chapter for the School of Computer Science, on September 9th, 2024. With over 150 students registering their interest, the event adopted a hybrid format to ensure the participation of over 150 attendees. The event was a tremendous success, with a full house at the SCEI Centre and many others joining us virtually. It was heartwarming to witness such enthusiasm and excitement from both students and faculty.

Event Overview

Date: 9th September, 2024

Location: SCEI Centre (In-person), 8 Queen Street East, Brampton & Online

Attendance: Full house with over 150 participants, including students and faculty.

Purpose:

The launch event aimed to introduce ALCOMS to the Computer Science students at Algoma, outlining the exciting fall activities lineup, and offering an opportunity for students to foster engagement within the community.

Key Highlights

1. Full House Attendance

The SCEI Centre was full of energy as students filled the room, eager to learn more about ALCOMS. The hybrid model allowed additional participants to join online, ensuring thorough engagement.

2. Engaged and Enthusiastic Students

Students actively participated in discussions, asked insightful questions, and showed a strong interest in being part of ALCOMS. Their engagement was a testament to the excitement surrounding this new initiative.

3. Professors' Participation

We were honored to have six to seven professors join the event both in-person and online. Their presence highlighted the importance of ALCOMS and provided valuable support and encouragement to the students.

4. Special Remarks

Dr. Ajmery provided heartfelt remarks, expressing her satisfaction with the platform now available for both students and professors. Her enthusiasm mirrored the general sentiment of the event.

5. Interactive Quiz and Socializing

The interactive quiz was a major highlight, with participants competing for exclusive School of Computer Science merchandise. The event concluded with a mix and mingle session where attendees enjoyed pop and pizza, further enhancing the sense of community.

Acknowledgements

- **Dr. Ajmery:** For her inspirational closing remarks and ongoing support.
- **Dr. Arghavan, Dr. Ping, Dr. Yazan, and Professor Sukhjinder:** For their valuable presence and contribution to the success of the event.
- **Dr. Simon and Calyssa Skeggs:** For their instrumental role in making ALCOMS a reality.
- **All Attendees:** For their enthusiasm and participation, which made the event memorable and impactful.

Conclusion

The ALCOMS launch event was a remarkable success, demonstrating a strong interest from students and solid support from faculty. With the introduction of exciting future events such as workshops, mentorship programs, and Game Fests, ALCOMS is all set to make a significant impact within the Computer Science community at Algoma University. We look forward to the continued growth and engagement of this vibrant society. Stay tuned for more updates as we continue to innovate, connect, and learn together with ALCOMS!

Faculty of Science | October 2024

Report submitted by: Dr. Laurie Bloomfield - Acting Dean, Faculty of Science

Date: 2024-10-04

Major Accomplishments of Faculty Members in Research, Teaching, and Service

Faculty Focus: Dr. Jennifer Foote and Dr. Christine Madliger

Dr. [Jennifer Foote](#) and Dr. [Christine Madliger](#) were recently awarded \$107,038 in funding from the Canadian Foundation for Innovation's John R. Evans Leaders Fund (JELF).

The Innovation fund aims to support a wide range of research programs including the natural sciences, engineering and health. Projects recognized by the JELF aim to help Canada make meaningful contributions to the generation of social, health and environmental benefits, while also addressing global challenges currently being faced. The funding aims to support researchers in infrastructure demands such as the needs for labs, buildings and facilities.

The Faculty of Science congratulates **Dr. Jennifer Foote** and **Dr. Christine Madliger** on this achievement. Their projects are noted below:

<p>PROFESSOR NAME: Dr. Jennifer Foote Grant: John R. Evans Leaders Fund (JELF) - Funding for Research Infrastructure Project Title: Integrative Approaches to Disentangle Network Structure in Territorial Songbirds</p>	<p>PROFESSOR NAME: Dr. Christine Madliger Grant: John R. Evans Leaders Fund (JELF) - Funding for Research Infrastructure Project Title: Infrastructure to support the Multi-stressor Conservation Physiology Laboratory</p>
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The announcement from the Government of Canada is linked [here](#). The SooToday announcement is linked [here](#).

Program Planning Session - Master of Psychotherapy

The Psychology Program hosted a planning session to help inform the development of a Masters of Psychotherapy degree tailored to the unique needs of Northern Ontario communities. The program development team includes: **Dr. Teryn Bruni**, **Dr. Jodi Webber**, from the Faculty of Science, and Dr. Rose Cameron from the Faculty of Humanities and Social Sciences. This event, facilitated by Dr. Sean Meades, brought together almost 90 professionals and community members to discuss and create an inclusive and relevant program that supports the unique needs experienced by communities from across Northern Ontario.

National Day for Truth and Reconciliation

The Dean's Office invited members of the Faculty of Science to submit their interest in having an Orange Shirt purchased for them to commemorate Orange Shirt Day on the National Day for Truth and Reconciliation. A total of 22 shirts were ordered through the Indigenous-owned company, Superior Strategies (Warrior Supplies), based out of Thunder Bay.

List of Research Publications, Conference Presentations, Performances, and Events

Please see Appendix A linked [here](#).

Appendix A: List of Research Publications, Conference Presentations, Performances, and Events

The following are some of the activities by faculty members from Science in August 2024.

Department of Psychology

Callaghan, T., Colasante, T., Muhammad, S., Corbit, J., **Yavuz, M.**, Rafaele, C., Akter, R., Al Janaideh, R., Duan, T., Didkowsky, N., Homer, B., Cameron, A., & Malti, T. (2024). Fostering prosocial development in vulnerable children: an intervention supporting prosocial behavior in Rohingya refugee children.

Monographs of the Society for Research in Child Development.

<https://srcd.onlinelibrary.wiley.com/doi/10.1111/mono.12477>

NORDIK Institute | October 2024

Report submitted by: Amy Boyer, Communications Manager

Date: 4-October-2024

Major Accomplishments of Faculty Members in Research, Teaching, and Service

Dr. Laura Wyper has recently begun a research project in collaboration with the Rural Agri-Innovation Network (RAIN), part of the Sault Ste. Marie Innovation Centre. The project involves evaluating a new food-tracking app at Harvest Algoma, which will continue into late fall and early winter.

Dr. Elaine Ho-Tassone has received from Environment and Climate Change Canada a \$120,000 grant for a two-year project (until March 2026): Community-based monitoring in the northern Great Lakes.

Community Engagement Events

A contract has been finalized between NORDIK and Algoma Public Health (APH) to deliver professional development training on community engagement for their staff. The NORDIK team is currently developing the training materials. Two full-day training sessions will take place on October 28 and October 29.

LEAP

The NORDIK Institute, in collaboration with Algoma University, conducted the LEAP program evaluation survey for LEAP participants in Winter 2024 under the supervision of the director of research, **Dr. Tamanna Rimi**. The research team has analyzed the data and produced draft reports for the two school Boards.

Community Support Team

This Mental Health and Addictions initiative will help assist in developing a network of health authorities, Knowledge Keepers and Elders, on and off reserve within the Algoma District in Northern Ontario.

The team has made progress in determining what services are available (Phase 1) and identifying gaps in service provision and resources needed (Phase 2) by connecting with local and regional Indigenous communities and Indigenous and non-Indigenous organizations designed to surface available and successful services.

The Children of Shingwauk Alumni Association (CSAA) and the Community Support Team are hosting a Mental Health and Addictions Summit to be held October 15-17, 2024 at Shingwauk Kinooomaage Gamig.

Entrepreneurship Program

The Intro to Entrepreneurship program had 5 successful participants complete the program. To date, 7 participants from the Intermediate Entrepreneurship program have completed their full business plans. On September 23, 2024, the 5th cohort of both Intro to Entrepreneurship and Intermediate Entrepreneurship will begin.

SENATE REPORT

Vice-President Academic and Research | October 2024

Senate Meeting Date: 04-Oct-2024

PURPOSE:

Expedited

Prepared By: István Imre, PhD - (Delegate of the Interim VPAR)

Approval

Discussion

Information

AVP-Academic and Continuing Education

Teaching and Learning, Quality Assurance, and PACE

Centre for Teaching and Learning (CTL)

Learning Management System (LMS) Ticketing Statistics

Our ticketing system is bursting with a huge in-pour of eLearning tickets from faculty and students. Just in the first two weeks of September 2024 alone, our LMS Support Team has resolved a total of 515 tickets received via the eLearning ticketing system. This is a significant increase of more than **200%** compared to last year wherein a total of 395 tickets were addressed in the entire month of September 2023. Our team is currently working on 92 pending tickets. These tickets are mostly initiated by the instructor's and students. The CTL is working on developing a more sophisticated structure of reporting eLearning tickets and will share more concrete and comparative data in its future reports.

The following table provides a quick overview of our ticketing stats from January 2023 to September 2024:

Period	No. of Tickets
January 01, 2023 – March 31, 2023	469
Apr 01, 2023 – June 30, 2023	648
July 01, 2023 – September 30, 2023	622
October 01, 2023 - December 31, 2023	510

January 01, 2024 – March 31, 2024	966
April 01, 2024 – June 30, 2024	830
July 01, 2024 – August 15, 2024	219
September 01, 2024 – September 15, 2024	515
Total Tickets Addressed	4,779

Faculty Training Program (FTP) – Fall 2024

In the month of October, the Centre for Teaching and Learning will deliver the following training sessions for faculty and staff that will enhance their understanding of the setup of assessments in Moodle and Brightspace while reviewing associated strategies.

Session Title	Description	Date/ Time
Quizzes in Brightspace and Moodle	This session will provide you with the knowledge and skills you need to create quizzes on Moodle and Brightspace for both formative and summative assessment.	Wednesday, October 2, 13:00 to 14:30
Rubrics in Moodle and Brightspace	Rubrics are a great way to make your assessment and feedback more explicit and transparent for students while saving you time and effort. In this session, we will take a deep dive into rubrics on both Moodle and Brightspace from design and creation through use for grading and feedback.	Wednesday, October 9, 13:00 - 14:30
Exploring the Moodle Gradebook	This session will guide you through the steps of setting up your Moodle gradebook to align with your assessment system. The goal is to save you time and make your assessment system transparent for your students.	Wednesday, October 16, 13:00 - 14:30

Alternative Assessment Strategies	Assignments and exams are tried and true assessment strategies, but they are not the only ones. This session will discuss how you can use other methods to assess student achievement.	Wednesday, October 23, 13:00 - 14:30
Everything your students wish you knew... but are too afraid to tell you.	This workshop, designed in collaboration with the Learning Centre and co-facilitated by Raquel Lehto, will raise your awareness of many common issues that students face and provide some practical solutions to improve the learning experience of your students. Topics addressed will include, online course design and organization, communicating clear expectations, writing effective assignment instructions, communicating assessment criteria in advance, providing effective instruction in online classes, and timely and valuable feedback on assignments.	Wednesday, October 30, 13:00 - 14:30

Academic Integrity Office

This month, we welcomed our new Academic Integrity Office staff members including a Manager, Academic Integrity, Dr. Muhammad Ashraf, who will lead the administrative affairs of the office along with two Academic Integrity Officers, Dr. Suneth Wijeratne and Lucia Velu, who will support our faculty and students with Academic Integrity related matters and initiatives. The Office of Academic Integrity, which is yet to formally launch, will be working very closely with the Academic Standards and Appeals Committee, the Deans' Offices, and the Registrar's Office to develop an effective working mechanism to bring efficiency to our current systems and processes related to the dealing of academic integrity related violations, including matters related to student appeals, within a reasonable timeframe. Furthermore, the office is currently planning to organize bi-weekly sessions for students to develop awareness and a clear understanding of academic integrity expectations. Also, weekly drop-in sessions are also being organized to provide our students with the opportunity to meet with the Academic Integrity Officers in a 1:1 setting to discuss any individual matters related to academic integrity and seek guidance. Additionally, the team will look after the execution of the Academic Integrity training module and run communication campaigns to increase student participation and engagement with the course. A detailed work plan and program are currently being prepared and will be shared with the community as soon as it's ready.

Teaching Innovation Fellowships

The Centre for Teaching and Learning has successfully awarded four fellowships to full-time faculty members of Algoma University who submitted proposals for the grant of the Teaching Innovation Fellowships. Each project has been awarded \$8,000 to be spent over the next couple of years on an exciting theme focused on bringing enhanced quality and innovation to the teaching and learning at Algoma University. The fellows will work closely with the CTL team, particularly the Educational Developer, through to completion by August 31

2026 to ensure project milestones are achieved and objectives are met. Details about the successful fellows and their projects are provided below:

Fellow(s)	Department	Project Title
Dr. Brandon Schamp	School of Life Sciences & the Environment	incorporate Virtual Reality (VR) technology, specifically using the Oculus Quest 3, into the life sciences curriculum at Algoma University
Dr. Ajmery Sultana	School of Computer Science & Technology	TXDetector: Comprehensive Plagiarism Detection for Handwritten Exam Papers Using Advanced Content and Semantic Matching Algorithms
Dr. Miguel Garcia Ruiz (Lead) Dr. Randy Lin	School of Computer Science & Technology	Developing a Framework for Integrating Highly Immersive Virtual Reality Technology into STEM Education in Undergraduate and Graduate Courses
Dr. Mahreen Nasir (Lead) Dr. Miguel Garcia Ruiz	School of Computer Science & Technology	Global Engagement and Inclusive Excellence: Advancing Intercultural Learning and EDI in Education

Quality Assurance Office

Self Study Statuses

The ENGL Self Study was submitted while the CESD, MUSC, and SOCI Self Studies are expected at the end of the month. The POLI, JURI, and ENVS programs have started their CPR cycle.

New Program Development

We have the following programs under development at the new program proposal stage:

- Masters of Business and Global Economy (MBGE)
- Masters in Business Analytics (MSBA)
- Master of Science in Computer Science (thesis based M.Sc.)

PACE - Professional and Continuing Education

Certificate in Project Management Program

The final opportunity for learners to switch specializations within the program (between General, Information Technology, and Construction) will take place this fall. Additionally, microcredential redevelopment efforts will conclude this term in preparation for the 2025 Winter term. Starting this term, all learners in the program will be officially located at the Creekbank Site.

Certificate in Information Technology Virtual Reality Program

Virtual reality headsets have been distributed to all learners who did not already have one, enhancing their learning experience. Additionally, a career boot camp is being organized to help learners prepare for the job market this fall. The event will focus on resume writing and interview skills.

LEAP - Essential Project Management Essentials - Micro-Credential

This micro-credential will commence on September 30, with classes held on Mondays and Wednesdays. On Fridays each week, we will invite industry professionals to share their experiences and challenges with the learners.

NCoE - National Centre of Excellence for Immersive Technology

Algoma Unity Startup GameJam

Algoma's first Startup GameJam was conducted on Sept 11-12 with participation from 29 students across the computer science and business faculties. The training was delivered in person by trainers from Unity to help students understand the world of gaming and business planning. The students are currently working hard to build a proof of concept to pitch to judges from Unity and Algoma for a cash prize. Groups will then proceed to the incubator program for additional support and mentoring.

Game Incubator Program

The incubator program will be delivered virtually over 12 weeks to 30 students to help them create and launch their game. The program will be a mix of technical and business topics delivered by Unity and industry experts respectively. The program will culminate in a demo day, wherein students will showcase their game and attract possible investment opportunities.

University Librarian and Wishart Library

Look for more **Faculty Information Drop-in Calls** in your calendar with our **Academic Librarian Lisa Schoner Saunders**. Thanks to those members who have dropped in and asked great questions about library services and resources.

Our Librarians are available for [Research Help](#) appointments and consultations if you need any help finding resources and/or data management.

[Ontario Council of University Libraries Artificial Intelligence/Machine Learning Report and Strategy](#)

Exciting news: We're a part of this consortial collaborative initiative to use AI for the benefit of our users and staff. Read this report to see the projects that we are embarking on.

FYI Information Resource:

Do you know we have Access to 100's of [Newspapers](#) through OMNI?

University Registrar

Following is the high-level summary of enrollment numbers based on Monday, September 16 data. The last date to add classes was Friday, September 13.

-919 Total number of classes running on all campuses

- 445 Classes running on the Brampton campus
- 303 Classes running on the SSM campus

-159 Classes classified as online

- 100 of those are listed as Asynchronous
- 31 are listed as Synchronous
- 27 are listed as Reading
- 1 is listed as Hybrid

-32,661 Total enrollments

- 23,600 Enrollments in in-person classes
- 9,061 Enrollments in online classes

Career and Experiential Education

The hiring of the Director, Career & Experiential Education

The hiring process for the Director of Career & Experiential Education is in its final stages. We have made significant progress and expect to announce the successful candidate by early October. This role remains critical to our efforts in enhancing student outcomes and strengthening our employer partnerships, ensuring that we continue to provide the best possible experiential and career-focused learning opportunities for our students.

Launch of CareerNavigator (Pilot Phase)

The **CareerNavigator** system, powered by Orbis, is now in its pilot phase. This platform will offer students comprehensive tools for career exploration, including job boards, career resources, and pathways to connect with employers. We are excited to test the system's capabilities during this pilot period, and initial feedback from students has been positive. We look forward to a full rollout later this fall, providing even more students with valuable career development resources.

Integration of AI into Career Services (Imminent)

Our integration of AI technology through **InStage** is imminent. This innovation will provide students with 24/7 access to scalable, on-demand career search tools, including mock interviews and resume writing assistance. This AI-enhanced support will be particularly helpful for students preparing for job applications and interviews, ensuring that they are well-equipped with the skills and confidence to succeed in today's job market.

Updates to Experiential Learning Forms for Unpaid Placements

As part of our ongoing commitment to the quality and safety of experiential learning, we are in the process of updating forms for unpaid placements. We would like to remind faculty and staff to ensure that liability forms are completed for all students on unpaid placements. Please connect with **Cindi Elgie** for assistance with these forms.

Additionally, for students in paid placements, it is important to remember that they are considered employees of the organization they are working for and must adhere to the guidelines and policies of their employer. If there are any questions or concerns, please do not hesitate to reach out to the Career & Experiential Education office for support.

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Respectfully submitted,

István Imre, PhD

Algoma UNIVERSITY

PRESIDENT'S REPORT TO THE SENATE

OCTOBER 2024



PRESIDENT'S MESSAGE



The 2024-25 academic year at Algoma University is off to a great start. Once again, we are seeing increased domestic enrolment on each campus, including an 11 per cent increase in Indigenous enrolment and 82 new Master's students in Biology and Computer Science. With just over 8,000 students spread between three campuses and the Creekbank site, we remain committed to small class sizes. More than 80 per cent of our classes are in-person, over half of our classes have fewer than 40 students and the median class size is 36. With pass rates from the previous term of over 90 per cent for both international and domestic students and the second-highest scholarship and bursary awards in the country, we are proud of our university and all we do to ensure student success.

As we head into the new term, the University remains guided by the implementation of our strategic plan and our vision: ***leading meaningful change for generations to come.***

While there is much to be excited about, we would be remiss if we did not emphasize that this is a time of grave uncertainty for the university sector, both provincially and nationally. I believe it is fair to say that all in the higher education sector are navigating some very difficult policy decisions, changing landscapes, political engagements, the introduction of private universities and uncertainty in provincial financial commitments.

There is no question that Algoma University will have to continue to be nimble, flexible and adaptable over the coming years in this new reality; from structural deficits to the pandemic to this period of uncertainty - there will be no shortage of challenges to overcome.

This report reflects on where we were (2018-2023), provides an overview of where Algoma University is today, and highlights key investments and recent accomplishments across our campuses.



Where we were

In 2018, the provincial government cut domestic tuition by 10 per cent and then froze it (this is still in effect today). Furthermore, enrolment corridors for domestic students were capped at 2019 rates, meaning no additional funding for domestic student enrolment for universities, such as Algoma University, experiencing growth in domestic enrolment. The funding cap is still in place. The lack of a long-term tuition and corridor framework coupled with rising inflation rates has been challenging for universities in Ontario, and in the last two years, more than half of Ontario universities have expressed [major concerns](#) about serious structural deficits.

From 2019 to 2023, Algoma University not only faced a tuition freeze but also had to develop an aggressive strategy to emerge from a serious structural deficit – exacerbated between 2016 to 2018 by significant budget cuts and two rounds of layoffs. This was no easy decision given the additional challenge of navigating a global pandemic. Sector-wide vulnerabilities were revealed when Laurentian University filed for insolvency in 2021, which led to significant program and staff cuts.

An important document that emerged from this period was the Blue Ribbon Panel’s 2023 report, which stated that for the sector’s survival, the government needs to inject about \$2.5 billion in ongoing base funding into colleges and universities over the next three years, with \$1.9 billion specifically for universities. Since there is no guarantee that the recommendations of this panel will come to fruition, we continue to plan for alternative ways to sustain the university, including a relentless focus on continuing to diversify revenue streams.

Where we are now

Economists forecast it will be at least a decade before the government addresses inadequate funding models in public universities. Reports such as Alex Usher’s “[No One is Coming to Save Us](#)” (June 12, 2024) predict continued underfunding until at least 2027–28. Organizations like the Council of Ontario Universities (COU) have been vocal in reporting the sector’s financial troubles and the need for government investment.

Today, the sector as a whole is facing considerable financial challenges. A recent analysis from COU normalized sector data from 2018–19 to 2023–24 and estimated a total decrease in net operating income of over \$1 billion, a major departure from historical trends.

As we move forward, the financial challenges and strains on the system will only be exacerbated by the funding cap placed on Ontario high school students projected to attend an Ontario University. Based on data provided by COU and the Ontario Ministry of Finance, the gap in total unfunded students is expected to grow from just under 31,000 students in 2022 to more than 107,000 students in 2030. As such, ongoing advocacy leading to increased domestic corridor funding is critical during the upcoming Strategic Mandate Agreement (SMA4) negotiations.



The COU has recently penned a letter to the Minister of Colleges and Universities expressing sector-wide concern about the new SMA4. The letter advocates for a new mandate that boosts base operating grants in line with the Blue-Ribbon Panel recommendations and the need to establish a tuition framework in the provincial budget. The letter also calls for an increase in funding for enrolment expansion adjustments for universities, which have increased domestic enrolment and are now operating significantly above the corridor. According to the Blue-Ribbon Panel, about 20,000 domestic students are above the corridor, reducing operating funding by \$175 million annually. Algoma University is currently one of the institutions operating above its corridor.

The COU revealed that approximately half of the universities in Ontario are reporting more than \$300 million in operating deficits in 2023-24.

Between 2019 and 2023, Algoma University experienced a period of tremendous growth. Decisions around the University's expansion were made during a time of severe financial uncertainty for the institution and the entire Ontario university sector, compounded by rising inflation rates. Today we are focused on stabilizing this growth and diversifying revenue streams. We have strong plans in place to achieve this, helping to mitigate the risks of being overly reliant on any one revenue stream.

Key investments and accomplishments

Today, Algoma University stands on a solid financial foundation, ranking among the top Ontario universities in the [financial health metrics framework](#) laid out by COU. We are consistently reporting a healthy surplus operating budget and reserves, and we are making key investments in talent, program expansion and partnerships that will ensure our future sustainability.

Between 2023 and 2025, Algoma University will welcome 51 new faculty members, including specialists in computer science, cybersecurity, immersive technologies, business, social work, and psychology. All full-time faculty now have access to hire research assistants to support increasing research outputs, and we currently have 30 faculty-led academic initiatives being funded at \$4.2 million. This fall, we introduced a new deanship to lead our fifth faculty: the Faculty of Computer Science and Technology. Additionally, approximately 95 new staff members will be hired between 2024 and 2025.

Algoma University is investing \$800 thousand in accessibility, health, safety and security. This includes expanding mental health supports for students, growing the Learning Centre and Accessibility Services office, providing students with six hours of free peer tutoring per course each semester and expanding our orientation programs. We are working on building our first student residence in Brampton with 500-plus beds and planning for an additional 100-beds residence in Sault Ste. Marie.

► STUDENT INFORMATION SYSTEM (SIS)

Algoma University is moving forward with a new Student Information System (SIS).

The University will continue to use our current system, OASIS, for student registrations throughout the remainder of the fall 2024 term and into the winter 2025 term. The SIS project team is working diligently to set a launch timeline for 2025.



► BUDGET PRIORITIES - CAPITAL INVESTMENTS ACROSS OUR CAMPUSES

Algoma University's stable financial position is allowing the University to plan long-term for an investment of \$218 million in capital projects over the next five years.

Sault Ste. Marie

- \$6 million for a new Animal Care Facility and Containment Level 2 (CL2) lab.
- \$4 million for renovations including a new space for Visual Arts and Psychology.
- \$45 million to construct Makwa Waakaa'igan over the next five years.

Brampton

- \$15 million to expand programming spaces in Psychology, Social Work and the Mental Health and Addictions Research and Training Institute.
- 16,000 square feet of new space, including four classrooms on the second floor of 24 Queen, sessional faculty lounge and work space, and 26 new offices for full-time faculty and staff, added this summer.

► MAKWA WAAKAA'IGAN DEVELOPMENTS

Recently we celebrated a significant milestone with \$2 million in funding from Northern Ontario Heritage Fund Corporation (NOHFC), announced on-campus by MPP Ross Romano on behalf of Minister Rickford, Minister of Northern Development and Minister of Indigenous Affairs and First Nations Economic Reconciliation.

The Request for Proposals (RFP) process for Makwa Waakaa'igan is expected to identify the successful bidder soon, with the demolition of the East Wing scheduled to begin in Fall 2024. The state-of-the-art facility is anticipated to be completed by Fall 2026. The project is fully funded with contributions from multiple sources, including:

- Algoma University - \$24,702,938
- Investing in Canada Infrastructure Program - \$13,000,000
- The City of Sault Ste. Marie, CDF Funding - \$600,000
- Canadian Heritage - \$5,000,000
- Northern Ontario Heritage Fund Corporation - \$2,000,000

Total Funding: \$45,302,938



► STUDENT SUCCESS ON THE GLOBAL STAGE

Computer Science students from Algoma University returned victorious from the AI Summer Games hosted by HdM Stuttgart University in Stuttgart, Germany. Accompanied by Dr. Mahreen Nasir, Assistant Professor in Algoma University's School of Computer Science and Technology, the students excelled in the competition, securing gold and bronze medals. As the sole Canadian institution among seven global post-secondary universities in attendance, our students demonstrated exceptional prowess, showcasing the university's commitment to providing cutting-edge experiences and fostering academic excellence.

Through the Think Pacific program, we were able to send four Algoma University students on a month-long internship in the rural villages of Fiji. This experience allowed them to immerse themselves in local communities, focusing on mental health, sports development, youth empowerment, and community building initiatives, further enhancing the employability of Algoma U students by providing them with hands-on international learning.

Four students traveled to Vechta, Germany, to participate in a week-long course titled 'Cultural and Social Well-Being, Identity and Participation'. This intensive program, hosted by the University of Vechta, offered students the opportunity to engage with peers from various countries, learning about the diverse social pedagogy traditions and the role of arts education in Europe.

A student studying Accelerated Online Bachelor of Computer Science participated in the 2024 Kyungpook National University (KNU) Summer School program in Daegu, South Korea.

► RECENT UNIVERSITY ACHIEVEMENTS

On the International Day of Peace, Algoma University was honoured as the recipient of the inaugural Global Education for Peace Award, presented by the STAR Scholars Network, a transnational organization supporting a new generation of scholars working across borders on social impact. The award honours and recognizes higher education institutions worldwide that promote global peace, integrate global perspectives in the curriculum, and foster a sense of global citizenship amongst their students.

Dr. Jennifer Foote and Dr. Christine Madliger received a total of \$107,038 in federal funding through the Canada Foundation for Innovation's John R. Evans Leaders Fund (JELF). Dr. Madliger's project titled 'Infrastructure to support the Multi-stressor Conservation Physiology Laboratory' received \$74,998, while Dr. Foote's 'Integrative Approaches to Disentangle Network Structure in Territorial Songbirds' project was awarded \$32,040.

The 2024 Algoma University Golf Classic successfully raised \$35,000 to help establish new student awards to assist first-year bachelor's and master's students. The raised funds supported 14 students; 10 first-year students in high-enrollment bachelor programs at the Sault Ste. Marie campus received \$1,500, while four students from the Master of Social Work and Master of Computer Science programs were awarded \$5,000.

Algoma University and the Canadian Mental Health Association Cochrane-Timiskaming (CMHA-CT) have taken a significant step forward in enhancing mental health support for students. Both institutions are set to bolster the University's mental health team by recruiting three professionals to offer virtual primary mental health support across all three campus locations.



In partnership with the Institute of Peoples, Territories, and Pedagogies for Peace (IPTP), Algoma University's Faculty of Cross-Cultural Studies hosted The Peoples Diplomacy, Environmental Governance, and Self-determination Delegation during a week-long visit. This initiative aimed to enhance commitments to the Special Mission, the TRC calls to action, and global decolonial education. The delegation included Indigenous and Black-Afrodiasporic territorial authorities, land and water defenders, social leaders, educators, and activists from Colombia.

The University and Altitude Accelerator signed a Memorandum of Understanding (MOU) to bolster their joint support for entrepreneurs, thereby enhancing Ontario's reputation as a premier market for new businesses. This collaboration enhances experiential learning opportunities for students in Algoma University's Faculty of Business and Economics (FoBE) and the School of Computer Science and Technology (SCST) through cooperative education, internships, work-integrated learning, and placements.

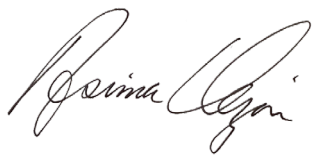
Dr. Michael Twiss, a professor of biology at Algoma University who serves on the International Joint Commission's (IJC) Great Lakes Science Advisory Board, coordinated the IJC's visit to Algoma University to learn more about the institution's leadership in reconciliation, cross-cultural education, and environmental stewardship. The visit underscored the commitment shared by the University and the IJC to environmental protection. It highlighted the impact of joint efforts in fostering a deeper understanding of Canada-US shared waters, a significant element of their environmental stewardship initiatives.

The University launched its inaugural Startup GameJam in Brampton, a two-day intensive game design and development session, led by expert instructors from Unity Technologies Inc. Participating students were given in-depth training on game development, including market research, business plan creation, and crafting compelling pitches. They also developed essential technical skills to create games using Unity, one of the world's leading platforms in the gaming industry.

Algoma University commemorated the National Day for Truth and Reconciliation (NDTR) on September 30 with planned events, including The Reclaiming Shingwauk Hall Exhibit, the public unveiling of the Wawanosh Memorial, and a Candlelight vigil on our Sault Ste. Marie campus, among others.

As we look ahead to another successful academic year at Algoma University, I want to thank our Senate, Board of Governors, Faculty, Staff, and the broader community for supporting, guiding and uplifting our students on their academic journey. I look forward to an academic year filled with teaching, learning, research excellence and positive community impacts. With challenges comes opportunities and I believe fully that Algoma University's best days are truly ahead.

Chi-miigwetch, merci, and thank you for all you do for Algoma U.



Asima Vezina
President and Vice-chancellor



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