

ACADEMIC PROGRAM REVIEW

REVIEW SUMMARY FOR DEPARTMENT OF MATHEMATICS AND STATISTICS

(1) REVIEW DETAILS

Unit Reviewed:	<i>Department of Mathematics and Statistics</i>
Programs Reviewed:	<i>Bachelor of Science Three-Year – Mathematics</i> <i>Bachelor of Science Four-Year – Mathematics</i> <i>Bachelor of Science Honours – Mathematics</i> <i>Bachelor of Science Double Honours – Mathematics</i> <i>Bachelor of Science Four-Year – Statistics</i> <i>Bachelor of Science Honours – Statistics</i> <i>Bachelor of Science Three-Year – Applied Mathematics</i> <i>Bachelor of Science Four-year – Applied Mathematics</i> <i>Bachelor of Science Honours Four-Year – Applied Mathematics</i> <i>Bachelor of Arts or Bachelor of Science – Minor in Mathematics</i> <i>Bachelor of Arts or Bachelor of Science – Minor in Statistics</i> <i>Bachelor of Arts or Bachelor of Science – Minor in Applied Mathematics</i> <i>Master of Science – Mathematics (Thesis-based)</i> <i>Master of Science – Statistics (Thesis-based)</i> <i>Doctor of Philosophy – Mathematics</i> <i>Doctor of Philosophy – Statistics</i>
Review Team Members:	<i>Hugh Chipman, Professor (External Reviewer)</i> Acadia University (Faculty of Pure and Applied Science) <i>Neal Madras, Professor (External Reviewer)</i> York University (Faculty of Science) <i>Catherine Sulem, Professor (External Reviewer)</i> University of Toronto (Faculty of Arts and Science) <i>Jafar Soltan, Professor (Internal Reviewer)</i> University of Saskatchewan (College of Engineering)
Date and Type of Review:	<i>February 27-28, 2025 (On Site Review)</i>

(2) STAKEHOLDER PARTICIPATION

The Review Team were provided with a facilities tour and also consulted with many stakeholders as part of the review, including having in-person meetings (or virtual meetings prior to the visit) with the following personnel:

- Faculty
- Sessional Lecturers

- Undergraduate students
- Graduate students
- Postdoctoral Fellows
- Administrative support staff
- Academic partner (School of Public Health)
- Alumni
- External stakeholders
- Department leadership
- College leadership (Arts and Science, Graduate and Postdoctoral Studies)
- Deputy Provost

(3) SUMMARY OF FINDINGS

The Review Team's External Review Report included a number of findings and observations for consideration. Recommendations were primarily in the areas of (sorted alphabetically):

- Academic standards of performance
- Administrative/support staff complement size
- Course delivery, including standardization and/or options
- Curriculum design and/or review
- Engagement/participation with external professional organizations
- Facility design, improvement and/or utilization
- Faculty complement size and/or diversity
- Student assessment methods
- Student experiential learning opportunities
- Student funding

(4) IMPLEMENTATION OF ENHANCEMENTS, MONITORING AND DATE OF NEXT REVIEW

The Department Head is responsible for building an action plan and the implementation of any recommendations in the External Review Report which were supported and/or agreed with in terms of the response from the academic unit. The Department Head is expected to provide a progress update to the Office of the Provost and VP Academic within 2 years of the completion of the review, which in this instance, is May 2027.

The next review of the department and its programs will be initiated no later than the 2034/35 academic year.

(5) DISTRIBUTION

Updates on the status of this review, including implementation progress in the years following review completion, will be provided to Academic Programs Committee.

Previously, the Self-Study Report, External Review Report, and the Academic Unit Response, have all been shared with the following stakeholders: College/Department leaders, Dean of College of Graduate and Postdoctoral Studies, Teaching, Learning and Student Experience, and the Deputy Provost.

Inquiries into further details about the process and outcomes of this review can be submitted to the [Assessment and Analytics Team](#) within the Office of the Provost and Vice-President Academic.