

**CARLETON UNIVERSITY COMMITTEE ON
QUALITY ASSURANCE
Cyclical Review of the undergraduate programs
in Mathematics and Statistics
Executive Summary and Final Assessment Report**

This Executive Summary and Final Assessment Report of the cyclical review of Carleton's undergraduate programs in Mathematics and Statistics are provided pursuant to the provincial Quality Assurance Framework and Carleton's Institutional Quality Assurance Process (IQAP).

EXECUTIVE SUMMARY

The undergraduate programs reside in the School of Mathematics and Statistics, a unit administered by the Faculty of Science.

As a consequence of the review, the programs were categorised by the Carleton University Committee on Quality Assurance (CUCQA) as being of **GOOD QUALITY** (Carleton's IQAP 7.2.12).

The External Reviewers' report offered a very positive assessment of the programs. Within the context of this positive assessment, the report nonetheless made a number of recommendations for the continuing enhancement of the programs. These recommendations were productively addressed by the Director of the School of Mathematics and Statistics and the Dean of the Faculty of Science, in a response to the External Reviewers' report that was submitted to CUCQA on October 24, 2018.

An Action Plan detailing how, when and by whom the recommendations will be implemented was received and approved by CUCQA on February 27, 2019.

Mathematics and Statistics

Action Plan

December 20, 2018

Action Item	Owner	Timeline	Will the action described require calendar changes? (Y or N)
In accordance with hiring priorities, and once more immediate needs in Actuarial Science are met, a request and rationale for this position will be prepared by the Planning Committee on behalf of the School.	Planning Committee	2 years	N
In consultation with the Dean, the School is moving forward with a plan to hire full time faculty member in actuarial science and related areas.	Planning committee	1 year	N
Under discussion within the Statistics and CAMS program committees who will in turn provide a detailed proposal to the Undergraduate Curriculum Committee for associated calendar changes.	Undergraduate Committee	1 year	N
Survey of students will be conducted under auspices of OIRP. Based on the outcome of this, potential areas of concern will be identified and addressed.	Undergraduate Committee	2-3 Years	Possibly

Under discussion within all program committees, under the auspices of the Undergraduate Curriculum Committee. Based on the outcomes of these discussions, proposals for associated calendar changes will be submitted	Undergraduate Committee	1 year	Possibly
Under discussion by the Statistics Program Committee who will in turn report and provide proposals for calendar changes to the Undergraduate Committee.	Undergraduate Committee	1 year	Y
Under discussion by the Mathematics Program Committee who will in turn report and provide proposals for calendar changes to the Undergraduate Committee	Undergraduate Committee	1 year	Y
Hiring process for Instructor in Statistics is under way, expect position to be filled for July 2019. Further teaching needs are being discussed and will be incorporated into School's Strategic Plan. In consultation with the Dean, requests for further such positions may be warranted	For current hire: Hiring Committee For longer term needs: Planning Committee	1 year for current hire 2-3 years for longer term needs	N