

## Queen's University

### Final Assessment Report: Executive Summary

Programs Reviewed: BA, BSc, BScH, MSc, MAsC, PhD in Chemistry

In accordance with Queen's University Quality Assurance Processes (QUQAP), this Final Assessment Report provides a synthesis of the external evaluation, internal responses and assessment of the above programs. This report identifies the significant strengths of the program, and opportunities for program improvement. It sets out and prioritizes the recommendations that have been selected for implementation.

An implementation plan is attached that identifies

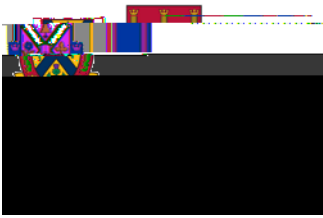
- x who will be responsible for acting on and monitoring progress on the recommendations,
- x any resource or governance implications resulting from the recommendations, and
- x timelines for implementation of the recommendations.

and the Vice-Provost (Teaching and

Learning). It was approved on 12 December 2016.

- 2) The review team visit took place on 16-17 January 2017. The review team members were
  - i. Dr. Kim Baines, Western University
  - ii. Dr. Robert Burk, Carleton University
  - iii. Dr. Mark Workinten, Western University
  - iv. Dr. Mark Chen, Queen's University
- 3) The visit included a tour of facilities and meetings with
  - i. Students (undergraduate and graduate)
  - ii. Faculty
  - iii. Staff
  - iv. Cognate Heads of Departments
  - v. Library Representative
  - vi. Dean and Associate Dean, Faculty of Arts and Science
  - vii. Vice-Provost and Dean and Associate Dean, School of Graduate Studies
  - viii. Vice-Provost (Teaching and Learning)





## Implementation Plan

Recommendations	Proposed Follow-up	Responsibility for Leading Follow-up	Responsibility for providing Resources	Timeline for Addressing Recommendation
1. Reviewers recommended that the Department formulate a plan to critically assess the effectiveness of the assessment methods in ensuring that learning objectives are being met. This will allow for constant				

Recommendations	Proposed Follow-up	Responsibility for Leading Follow-up	Responsibility for providing Resources	Timeline for Addressing Recommendation
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3. Reviewers recommended that the department review the math requirements for the Chemistry undergraduate program and adjust the requirements as needed to ensure the

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Recommendations	Proposed Follow-up	Responsibility for Leading Follow-up	Responsibility for providing Resources	Timeline for Addressing Recommendation
<p>beginning of the academic term and by consulting with TAs regarding reasonable expectations and time requirements for various tasks.</p> <p>9. Reviewers recommend that the Department examine the workload in lab courses and consider changing the format of some of the lab write-ups to lessen the workload while at the same time maintaining, or even enhancing, the learning.</p>	<p>Continued discussion with UG chair and lab instructors</p>	<p>School of Graduate Studies</p> <p>Department Head in</p>		

	Recommendations	Proposed Follow-up	Responsibility for Leading Follow-up	Responsibility for providing Resources	Timeline for Addressing Recommendation
	succession planning and departmental leadership				
11.	Reviewers recommend that the Department develop a long-term plan for equipment replacement, since equipment has been replaced on an ad-hoc basis up until now.	Department to plan for infrastructure repair and replacement	Department Head in conjunction with Associate Dean, Arts and Science	Human resources provided by Department	Ongoing
12.	Reviewers recommend that the department continue to develop a strategic approach to recruiting high quality graduate students.	Initiate discussions between Department and School of Graduate Studies and develop recruitment plan	Department Head in conjunction with Associate Dean, School of Graduate Studies	Human resources provided by Department	Ongoing
13.	Reviewers noted multiple concerns that had previously been raised in the department's last Internal Academic Review, but had not since been addressed. Moving forward, the Department should make every	Recommendations to constantly added to the agenda of faculty retreats and/or departmental meetings	Department Head	Human resources provided by Department	Ongoing





Final status of the Academic Programs in the  
Department of Chemistry

Approved to Continue

Date of next program review

2024/25 Academic Year