

ACADEMIC PROGRAM REVIEW

REVIEW SUMMARY FOR DEPARTMENT OF PHYSICS AND ENGINEERING

PHYSICS

(1) REVIEW DETAILS

Unit Reviewed:	<i>Department of Physics and Engineering Physics</i>
Programs Reviewed:	<i>Bachelor of Science Honours – Physics</i> <i>Bachelor of Science Three-Year – Physics</i> <i>Bachelor of Science Four-Year – Physics</i> <i>Bachelor of Science Double Honours – Physics (Major 1 or Major 2)</i> <i>Master of Science – Physics (Thesis-based)</i> <i>Doctor of Philosophy – Physics</i>
Review Team Members:	<i>John Davis, Professor (External Reviewer)</i> University of Alberta (Faculty of Science) <i>Young-June Kim, Professor (External Reviewer)</i> University of Toronto (Faculty of Arts and Science) <i>Xulin Guo, Professor (Internal Reviewer)</i> University of Saskatchewan (College of Arts and Science)
Date and Type of Review:	<i>March 4-5, 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 Instructors
- Undergraduate students
- Graduate students
- Postdoctoral Fellows
- Administrative and technical support staff
- Alumni
- Academic partners (College of Art and Science, College of Engineering)
- Department Head
- College leadership (Arts and Science, Graduate and Postdoctoral Studies)

(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):

- Alumni relationships including employment outcomes
- Course delivery, including standardization and/or options
- Curriculum design and/or review
- Faculty complement size and/or diversity and/or areas of focus
- Faculty professional development/training
- Student funding
- Student wellness

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

The Department Head and Dean (Arts and Science) are 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 June 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.