



FINAL ASSESSMENT REPORT
February 2018
Bachelor of Science in Health Physics and Radiation Science
18-Month Follow-Up
Dean: Dr. Akira Tokuhira

Under UOIT's Quality Assurance Framework, all degree programs are subject to a comprehensive review every eight years to ensure that they continue to meet provincial quality assurance requirements and to support their ongoing rigour and coherence. Program reviews involve several stages, including:

1. A comprehensive and analytical self-study brief developed by members of the program under review.
2. A site visit by academic experts who are external to and arm's length from the program who prepare a report and recommendations on ways that it may be improved based on a review of the program's self-study and supporting material, and a two day site visit involving discussions with faculty, staff and students and a tour of the facilities.
3. Development of a plan for improvement by the program and proposed timelines for implementation.

All programs that undergo a review must provide a report eighteen months after the completion of the review to gather information on the progress that has been made implementing the agreed upon plans for improvement.

In 2014-2015 a program review was scheduled for the Bachelor of Science in Health Physics and Radiation Science program. The program has submitted to the Provost's Office a comprehensive chart outlining the achievements they have made relative to the action plans resulting from the review. A summary of these achievements is provided below. The summary report is reviewed by the appropriate standing committee of Academic Council, and is subsequently reported to Academic Council, the Board of Governors and the Quality Council.

The program review site-visit was completed May 11-12, 2015. Since that time, the Faculty has made some progress in implementing the plan of action from the program review.

- *Recommendation that the emphasis should be on quality and not program size. The program should be further developed as a niche program to enable differentiation from other institutions in Ontario.*

The Faculty has focused on renewal of the IRC Chair and will be initiating a search for a new IRC Associate Chair. The focus continues to be on quality over growing the program.

- *Further strengthening the science content by adding at least two physics courses.*

A review of courses was undertaken in 2017-18 in relation to the BEng Nuclear accreditation. At this time they will not be adding two additional physics courses. Some of the material is covered in existing courses.

- *Making clear the administrative structure of the program. Including making clear who is responsible for the program through titles such as program director. A formal curriculum committee should also be established for the program.*

Due to the small size of the program creating a formal program director has not been pursued. This will be examined further if the program expands. A HP&RS program committee exists chaired by the Undergraduate Program Chair and comprised of faculty and students in the program.

- *Consider hiring another physicist with expertise in Health Physics and Radiation Science*

This recommendation has been partially addressed. With a faculty member retiring a search in early 2018 will be initiated for a candidate in this area.

- *Develop a minor program in Health Physics and Radiation Science*

A minor has been developed and approved. It will be offered beginning in Fall 2018.

- *The Faculty should not proceed with the development of a Medical Physics program.*

No action has been taken.

- *Develop a tracking mechanism for employment following graduation.*

No action has been taken on this. There is some informal tracking but nothing formal at this point.

Next Scheduled Program Review: 2022-2023