

November 15th, 2012

To: CPRC
Subject: Change of name to Physics Specialization

The Faculty of Science wishes to change the name of a Physics specialization as follows: From

B.Sc Physics – Energy and the Environment Specialization,

To

B.Sc Physics – Energy and Environmental Physics Specialization.

The rationale for the name change is that at the creation of this specialization, there were two versions of this specialization, one for Chemistry and one for Physics and the name was kept neutral. The Energy and the Environment Chemistry specialization not existing anymore, we decided to bring precision to the name. Also, the name change brings consistency to the name of all the Physics specializations, with the word Physics appearing.

Because of the change of name of this specialization, along with the new Astrophysics specialization and with the removal of the Medical Physics and Forensic Physics Specialization, the calendar needs to be modified as follows.

PROPOSED CHANGES TO THE CALENDAR

14.1

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Bachelor of Science (Honours) in Physics

- Physics Comprehensive program
- Energy and Environmental Physics specialization
- Astrophysics specialization

Bachelor of Science (Honours) in Physics, Co-operative Education option

- Physics Comprehensive program
- Energy and Environmental Physics specialization
- Astrophysics specialization

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Specializations in Energy and Environmental Physics, and Astrophysics are also available in addition to a Comprehensive degree in Physics.

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14.11.1 General information

The Bachelor of Science (Honours) in Physics provides a basic foundation in biology, chemistry, mathematics and physics, and a solid education in classical and modern physics. The program meets the rapidly increasing demand for graduates with knowledge and skills in technology oriented fields such as energy, materials science, microelectronics, health, optoelectronics and communication technologies.

The Physics program offers specializations in Energy and Environmental Physics and Astrophysics, as well as a general Physics degree (Comprehensive).

The Faculty of Science offers separate Honours Bachelor of Science degrees in Applied and Industrial Mathematics and in Physics. Students, with interest in both disciplines, may wish to complete the academic requirements of both programs and be awarded a single degree, Bachelor of Science (Honours) in Applied and Industrial Mathematics and Physics. Eligibility requirements and academic information can be obtained from the academic advisor.

14.11.4 Program details and degree requirements – Bachelor of Science (Honours) in Physics.

In addition to the regular program, an optional co-operative education program is available to students in Physics including Comprehensive, Energy and Environmental Physics, and Astrophysics (see Section 14.3 for co-op program details).

The requirements for the regular and co-operative education programs are detailed in the following program maps. Although reasonable efforts will be made to adhere to the following program maps, course requirements and term offerings may change. For the most up-to-date list of course offerings, please visit the faculty website at www.science.uoit.ca.

Modify the entry:

14.11.4.2 Physics – Energy and Environmental Physics specialization

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Recommended senior science electives that students in Physics – Energy and Environmental Physics program may choose to take include:

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Remove completely the following sections:

14.11.4.3 Physics – Forensic Physics specialization

14.11.4.4 Physics – Medical Physics specialization

Best regards
Pietro-Luciano Buono

Chair of the Faculty of Science Curriculum Committee