



## CURRICULUM AND PROGRAM REVIEW COMMITTEE

*Report to Academic Council*

at its meeting of January 16<sup>th</sup>, 2018

### FOR ACTION

#### 1. Major Program Modification

##### a. Faculty of Science – Bachelor of Science in Physics Energy and Environment Specialization

The Curriculum and Program Review Committee recommends:

*That Academic Council approve the modifications to the Energy and Environmental Physics specialization, including a name change, as outlined in the proposal.*

##### Rationale

Having reviewed the program content and the programs attractiveness for students, the Faculty of Science proposed to change the name of the specialization to Nanotechnology and Clean Energy to better reflect the content of the specialization and the research expertise of the physics faculty. In addition to the name change, several prescribed core courses were removed in favour of senior Nanotechnology and Clean Energy Electives while the number of required specialized courses was reduced. These changes ensure that students have a firm physics base while allowing both flexibility in the elective offerings and the best experience depending on faculty expertise and the current needs of students. A course in Biophysics has also been added giving students experience in an exciting and growing field, and a new nanotechnology elective was added.

### FOR INFORMATION

#### 1. Office of the Registrar

##### a. Admission Criteria – English as a Second Language Preparation Stafford

CPRC approved the addition of a partnership with Stafford House International allowing international students who successfully complete Stafford's Intensive English Program to be evaluated for admission without the presentation of a standardized English language test. This will increase the quality of UOIT's international applicant pool. A full review of the curriculum was completed and it was determined that Stafford House International would provide the required English preparation for UOIT applicants.

##### b. Admission Criteria – English as a Second Language Preparation ICEAP

CPRC approved the addition of a partnership with International Centre for EAP (ICEAP) allowing international students who successfully complete ICEAP's Program to be evaluated for admission without the presentation of a standardized English language test. This will increase the quality of UOIT's international applicant pool and was proposed after a full review of the curriculum that determined ICEAP would provide the English preparation required for UOIT applicants.

##### c. Academic Calendar Regulation Update – CAPE Advanced Standing

CPRC approved the inclusion of Caribbean Advanced Proficiency Examinations (CAPE) in the secondary school advanced standing section of the Undergraduate Academic Calendar. This formalizes a current practice done on

a case-by-case basis and is in response to an increasing number of applicants from the Caribbean. This will also allow UOIT to remain competitive with other Ontario universities offering advanced standing for CAPE examinations.

## 2. Faculty of Business and Information Technology

### a. Bachelor of Commerce – Minor Program Adjustment: Major in Accounting

CPRC approved a reduction in general elective courses in the Accounting Major to align with the other Majors in Commerce Program. The reduction from 4 to 3 will make it easier for students that are in the Accounting major to complete a minor and/or a double major.

### b. Bachelor of Commerce – Minor Program Adjustment: Minor in Finance for Applied & Industrial Mathematics and Physics Majors

CPRC approved the extension of the Minor in Finance offered to Applied and Industrial Mathematics students to include Bachelor of Science Physics students and an update to the finance electives offered.

### c. Bachelor of Information Technology – Minor Program Adjustment: Major in Game Development and Entrepreneurship

CPRC approved modifications to the Game Development and Entrepreneurship program map that includes the removal and replacement of core courses with new courses to ensure students have important fundamental business courses in first year, provide depth to students' accounting knowledge and balance out technical art aspects of the program. The changes balance out the first year such that all aspects of Game Development are represented equally in each semester. This will allow a broad set of knowledge and expose all aspects to the students such that they can determine which areas to focus on in higher years through minors.

### d. Bachelor of Information Technology – Minor Program Adjustment: Game Development and Entrepreneurship Bridge

CPRC approved modification of the Bridge Program to better suit incoming students, avoid repetition, and increase learning outcomes based on the college program they have completed. There were also minor adjustments to accommodate new course names. Two program maps were created with each suited to a different subset of incoming students; those with a strong programming background will follow Map A, and those with a background in game art or interactive media arts will follow Map B. This classification helps to ensure students success in the program by filling in the knowledge gaps based on the focus of their prior institution.

### e. Bachelor of Information Technology – Minor Program Adjustment: Major in Networking and Information Technology Security

CPRC approved the removal and replacement of courses in the Networking and IT Security Major. A new statistics course has been added to provide students with the material required for the addition of a new and important course in machine learning. Signals and Random processes has been removed as the content is no longer relevant to all graduates in Networking and Security and a portion of the material is now being covered in Basics of Digital Transmission. Additionally, a technical elective requirement will replace Data Centre and Design as a core course as not all graduates from the program need to know about data center design. Data Centre will still be available to students as a technical elective.

## 3. Faculty of Social Science and Humanities

### a. Bachelor of Arts – Minor Program Adjustment: Major in Communication and Digital Media Studies

CPRC approved the addition of Environmental Communication course to the CDMS program map as a core elective choice.

**b. Bachelor of Arts – Minor Program Adjustment: Major in Political Science**

CPRC approved changes to the prerequisites for several POSC courses to ensure that all 2000-level courses have the prerequisite course of POSC 1000U and all 3000-level courses have the prerequisite courses of POSC 2000U and/or POSC 2100U; some 3000-level courses have one or two other options as prerequisites. Additionally, changes to the course name, course description, and/or course prerequisites were also approved.