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MEMORANDUM

ATTENTION Senate DATE May 6, 2016
FROM Gordon Myers, Chair PAGES 1/1
Senate Committee on
Undergraduate Studies
RE: Faculty of Applied Sciences (SCUS 16-15)

For information:

Acting under delegated authority at its meeting of May 5, 2016 SCUS approved the following curriculum revision effective Spring 2017.

1. School of Engineering Sciences

- (i) Upper division requirement changes to the first Co-op term *

** Applies to all Honours & Majors in
Engineering Science*

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www.fas.sfu.ca**MEMORANDUM**

ATTENTION	Senate Committee on Undergraduate Studies	DATE	April 20, 2016
FROM	Ed Park, Associate Dean	PAGES	
RE:	Curriculum Changes		

The following changes have been approved by the FAS Undergraduate Curriculum Committee and are appended here for approval by SCUS and recommendation to Senate.

- 1.) School of Engineering Science
 - a. Calendar Change
 - Co-op Requirements and Consequences

Thank you,

A handwritten signature in black ink, appearing to read "Ed Park", with a long horizontal stroke extending to the right.

Edward Park
Associate Dean
(EP/mt)

Co-op requirements and consequences

Faculty of Applied Sciences Curriculum Committee

Submitted by Marinko Sarunic

May 2016

Description and Rationale

Students are already aware of the requirement to complete their first co-op, however it is important to publish the consequences, thus the additional wording has been added to clarify.

Co-operative Education Work Experience

Every engineering science student completes a three term co-operative education program of practical experience in an appropriate industrial or research setting leading to a project under the technical direction of a practicing engineer or scientist. The goal is a complementary combination of work in an industrial or research setting and study in one of the engineering options. The internship may be within the University but in most cases the work site is off campus.

After the first year, students typically alternate between academic and work terms.

At least two of the three mandatory work terms must be completed in industry (ENSC 195, 295, 395). Students may participate in additional work terms but are encouraged to seek diversity in their experience. The three mandatory work terms may include one special co-op term (ENSC 196, 296, 396). Special co-op may include, but is not restricted to, self-directed, entrepreneurial, service or research co-op work terms. Permission of the engineering science co-op office is required.

An optional non-technical work term (ENSC 194) is also available through the engineering science co-operative education office and is often completed after the first two study terms. ENSC 194 does not count toward the mandatory three course requirement.

Continuation Requirements

Upper Division

To be eligible to enroll in upper division engineering courses, excluding ENSC 320, students must have declared their option. Before a student can declare their option, they must have successfully completed at least one co-op term (ENSC 194, ENSC 195, or ENSC 196). Students that fail to complete the first co-op as scheduled will be required to meet with an Academic Advisor from the Faculty of Applied Sciences. Failure to complete the first co-op in a timely fashion will result in the student being transferred to the BGS Applied Sciences program.

Minimum of 80 units required for all 400-level courses.

Exceptions: Courses such as ENSC 440W that already have a minimum of 100 units requirement.