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MEMORANDUM

ATTENTION	Senate	DATE	February 5, 2016
FROM	Gordon Myers, Chair	PAGES	1/1
RE:	Senate Committee on Undergraduate Studies Faculty of Applied Sciences (SCUS 16-03b)		

Acting undertaken by the Senate Committee on Undergraduate Studies at its meeting of February 4, 2016, gives rise to the following recommendation:

Motion

That Senate approve the admission requirement changes to the Second Degree program in the School of Engineering Science within the Faculty of Applied Sciences effective Fall 2016.

Revision to Second Degree Admission requirements for Engineering Science

Faculty of Applied Sciences Curriculum Committee

Submitted by Marinko Sarunic and Margaret Crandell

SCUS 16-03b⁽ⁱ⁾ Revised

December 2015

Description and Rationale

Purpose: Update second degree admission to mimic the format internal transfers:

<http://www.sfu.ca/engineering/prospective-students/undergraduate-students/admissions/second-degree-students.html>

With an international reputation for innovation, Engineering Science at SFU offers an intense program that mirrors life at the cutting-edge of high-tech development. Areas of study can include microelectronics, computer engineering, robotics, biomedical engineering, multimedia, systems or telecommunications.

Students wishing to join us after completing a previous degree must first gain admission to SFU as a non-degree student. Once admitted, students with a **previous first** degree in mathematics, physics, computing science, or a related discipline may apply directly to the School of Engineering Science by [emailing enscoa@sfu.ca](mailto:enscoa@sfu.ca). ~~Make sure you include your full name and SFU student number in the email.~~ **Completing the online form available via www.sfu.ca/engineering/prospective-students/undergraduate-students/admissions/second-degree.html.**

We generally do not accept students who already have undergraduate degrees in electrical and computer engineering.

Students who have a **previous first** degree in a non-related discipline will need to take courses or equivalents from the list below prior to being considered for admission to Engineering Science. These applicants must have completed the previous degree with a CGPA of at least 2.5, and with fewer than 6 repeated courses. Applicants are selected for admission on the basis of an engineering-related grade point average (ERGPA). The ERGPA is calculated over **all courses** from ~~the following~~ **this** list, where a minimum of 3 courses ~~from this list~~ is required; **such that:**

- at least one mathematics course chosen from MATH151 (or 150), MATH 152, MATH 232 (or 240), MATH 251, MACM101, MACM 201
- at least one computing course chosen from CMPT 128 or 135 or (125 and 127), 225, and 275
- at least one physics courses chosen from PHYS120 (or 140), PHYS 121 (or 141), PHYS 221, PHYS 321, PHYS 365

All courses must be completed prior to application. If a course is a duplicate of any previous course completed at Simon Fraser University or elsewhere, only the last attempt will be included in the average. For complete information, contact an Applied Sciences Advisor. Upon completion of these courses, students must have an ERGPA of at least 2.5. Admission is competitive and the admission average is established on a per term basis, depending on the number of spaces available. Once meeting these requirements, students ~~should email enscoa@sfu.ca to apply for second degree admissions.~~ **apply online through the ENSC website for second-degree admissions. Questions regarding second degree admissions may be directed to the Faculty of Applied Sciences advisors at asadvice@sfu.ca or to the Office Assistant in Engineering Science at enscoa@sfu.ca.**

As per university policies and regulations, course credits earned for the **previous first** degree cannot be transferred to the second degree program.