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MEMORANDUM

ATTENTION	Senate	DATE	March 8, 2024
FROM	Peter Hall, Chair  Senate Committee on Undergraduate Studies	PAGES	1/1
RE:	Spring 2025 High School Admission Requirement Changes for Beedie School of Business (SCUS 24-25)		

Acting under delegated authority at its meeting of March 7, 2024, the Senate Committee on Undergraduate Studies approved changes to the Beedie School of Business Grade 12 admission course requirements, reassigning Calculus 12 from a List A course to a List B course, effective Spring 2025.



OFFICE OF THE REGISTRAR
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MEMORANDUM

ATTENTION SCUS DATE February 8, 2024
FROM Tom Nault
Registrar & Executive Director,
Student Enrollment
RE: Beedie School of Business: High School Admissions Requirements Change –
Reassign Calculus 12 from a List A to a List B course

Motion

That the Senate Committee on Undergraduate Studies approve, under delegated authority, the following changes to the Beedie School of Business Grade 12 admission course requirements, reassigning Calculus 12 from a List A course to a List B course, effective Spring 2025.

Background

The admissions model implemented in 2018 for high school students applying to SFU for Fall 2019, included Calculus 12 as a List A, required course. The Beedie School of Business has observed undesired outcomes of this choice and proposes the course be moved to List B, making it less emphasized in the admission evaluation.

BC high school colleagues (I.e., counsellors and teachers) have expressed concerns with Calculus 12, a course that students generally achieve a lower grade in, being in List A and emphasized in the admission evaluation. Beedie data shows that those who enroll in, and complete Calculus 12 may be disadvantaged due to a lower admission evaluation score.

Data spanning Fall 2014 – Fall 2022 high school admit terms shows that students who take Calculus 12 are better equipped for success in our program based on their performance in BUS 201, BUS 232, BUS 251, ECON 103, ECON 105, and MATH 157. This impact is especially noticeable in the quantitative focused MATH 157, ECON 103, and BUS 232 courses. Even if students achieve a B or lower in Calculus 12, they perform better in MATH 157 (2.58 GPA, n: 309) than students without Calculus 12, but an A- to A+ in Pre-Calculus 12 (2.43 GPA, n: 933). Across the other previously listed lower division courses, these B and below Calculus 12 takers perform similarly to students with between a B and an A in Pre-Calculus 12 but who do not have Calculus 12.

Including Calculus 12 as a List A, required course for admission to Beedie actively discourages students from taking the course resulting in a negative impact on student success and applications to Beedie. Moving Calculus 12 from List A to List B will not disadvantage students, and ideally, encourage more students to apply to Beedie.

Thank you,

A handwritten signature in black ink, appearing to read "Tom Nault". The signature is fluid and cursive, with a long horizontal stroke extending to the right.

Tom Nault
Registrar & Executive Director,
Student Enrollment