SFU OFFICE OF THE PROVOST AND VICE-PRESIDENT, ACADEMIC

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MEMORANDUM

ATTENTION	Senate	**DATE**	April 4, 2025
FROM	Paul Kingsbury, Vice-Chair	**PAGES**	1/1
RE:	Senate Committee on Undergraduate Studies Course Changes (SCUS 25-66)		

For information:

Acting under delegated authority at its meeting of April 3, 2025 SCUS approved the following curriculum revisions effective Spring 2026.

a. Faculty of Applied Sciences

1. <u>School of Mechatronic Systems Engineering</u>

   (i) Equivalent statement changes for MSE 111 and 413

2. <u>School of Sustainable Energy Engineering</u>

   (i) Description and prerequisite changes for SEE 475, 476, and 477

b. Faculty of Science

1. <u>Department of Biomedical Physiology and Kinesiology</u>

   (i) Prerequisite change for BPK 207

Senators wishing to consult a more detailed report of curriculum revisions may do so on the Senate Docushare repository at https://docushare.sfu.ca/dsweb/View/Collection-12682.

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SENATE COMMITTEE ON UNDERGRADUATE STUDIES

COURSE SUBJECT	MSE	**NUMBER**	111	**TITLE**	Mechatronics for non-Engineers

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	☐	Units	☐	Prerequisite	☐
Title	☐	Description	☐	Equivalent Statement	☒

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using ~~strike through~~, indicate added or new text using <u>underline</u>. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under Information about specific course components if changing equivalent statement(s).

MSE students cannot earn credit for this course in lieu of or in addition to MSE 110 <u>or MSE 112</u>.

EFFECTIVE TERM AND YEAR FOR CHANGES
Fall, Spring, Summer and year (please enter in textbox)

Spring 2026

SENATE COMMITTEE ON
UNDERGRADUATE STUDIES

RATIONALE (must be included)

MSE 112 is a new course that is deemed equivalent to MSE 110.

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COURSE SUBJECT	MSE	**NUMBER**	413	**TITLE**	Machine Learning in Mechatronics

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	☐	Units	☐	Prerequisite	☐
Title	☐	Description	☐	Equivalent Statement	☒

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Students who have taken CMPT 726 first may not then take this course for further credit. Students with credit for CMPT 419 under the title "Machine Learning" may not take this course for further credit. Students with credit for MSE 713 may not take this course for further credit.

EFFECTIVE TERM AND YEAR FOR CHANGES
Fall, Spring, Summer and year (please enter in textbox)

Spring 2026

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RATIONALE (must be included)

This course is cross-listed with MSE 713 and therefore these courses have significant overlaps and are considered to be equivalent. This should be a two-way equivalency.

SENATE COMMITTEE ON UNDERGRADUATE STUDIES

COURSE SUBJECT	SEE	NUMBER	475	TITLE	Special Topics in Sustainable Energy Engineering

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number ☐   Units ☐   Prerequisite ☒

Title ☐   Description ☒   Equivalent Statement ☐

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using ~~strike through~~, indicate added or new text using <u>underline</u>. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

> Special topics in sustainable energy engineering. Students may repeat this course for further credit under a different topic. <u>Note: Students must not repeat a special topics course with a similar topic.</u> Prerequisite: ~~Permission of the undergraduate curriculum chair.~~ <u>As set by the course instructor when the course is</u> offered.

EFFECTIVE TERM AND YEAR FOR CHANGES
Fall, Spring, Summer and year (please enter in textbox)

> Spring 2026

RATIONALE (must be included)

> The change ensures a more streamlined process for the SEE students to enroll in a Special Topics course. It also reminds the students not to enroll in a Special Topic course under a topic they have completed before.

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COURSE SUBJECT | SEE | **NUMBER** | 476 | **TITLE** | Special Topics in Sustainable Energy Engineering

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number ☐   Units ☐   Prerequisite ☒

Title ☐   Description ☒   Equivalent Statement ☐

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using ~~strike through~~, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

> Special topics in sustainable energy engineering. Students may repeat this course for further credit under a different topic. Note: Students must not repeat a special topics course with a similar topic. Prerequisite: ~~Permission of the undergraduate curriculum chair.~~ As set by the course instructor when the course is offered.

EFFECTIVE TERM AND YEAR FOR CHANGES
Fall, Spring, Summer and year (please enter in textbox)

> Spring 2026

RATIONALE (must be included)

> The change ensures a more streamlined process for the SEE students to enroll in a Special Topics course. It also reminds the students not to enroll in a Special Topic course under a topic they have completed before.

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| **COURSE SUBJECT** | SEE | **NUMBER** | 477 | **TITLE** | Special Topics in Sustainable Energy Engineering |

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number ☐   Units ☐   Prerequisite ☒

Title ☐   Description ☒   Equivalent Statement ☐

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using ~~strike through~~, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under Information about specific course components if changing equivalent statement(s).

> Special topics in sustainable energy engineering. Students may repeat this course for further credit under a different topic. Note: Students must not repeat a special topics course with a similar topic. Prerequisite: ~~Permission of the undergraduate curriculum chair.~~ As set by the course instructor when the course is offered.

EFFECTIVE TERM AND YEAR FOR CHANGES
Fall, Spring, Summer and year (please enter in textbox)

> Spring 2026

RATIONALE (must be included)

> The change ensures a more streamlined process for the SEE students to enroll in a Special Topics course. It also reminds the students not to enroll in a Special Topic course under a topic they have completed before.

SENATE COMMITTEE ON UNDERGRADUATE STUDIES

COURSE SUBJECT	BPK	**NUMBER**	207	**TITLE**	Sensorimotor Control and Learning

TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	☐	Units	☐	Prerequisite	☒
Title	☐	Description	☐	Equivalent Statement	☐

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using ~~strike through~~, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under Information about specific course components if changing equivalent statement(s).

- Prerequisites:
BPK 142 ~~or permission of instructor~~.

EFFECTIVE TERM AND YEAR FOR CHANGES
Fall, Spring, Summer and year (please enter in textbox)

Spring 2026

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SENATE COMMITTEE ON
UNDERGRADUATE STUDIES

RATIONALE (must be included)

Rationale for change:
Updated wording to reduce workload on advisor and instructors. We do not offer this course by permission, the prerequisites are required.