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MEMORANDUM

ATTENTION Senate
FROM Wade Parkhouse, Chair
Senate Committee on
Undergraduate Studies
RE: Course Changes (SCUS 20-30)

DATE April 3, 2020
PAGES 1/3

For information:

Acting under delegated authority at its meeting of April 2, 2020 SCUS approved the following curriculum revisions effective Spring 2021.

a. Faculty of Applied Sciences**1. School of Computing Science**

- (i) Equivalent statement change for CMPT 295
- (ii) Prerequisite change for CMPT 379 and 433
- (iii) Deletion of CMPT 150, 250, 261, 301, 401 and XX1
- (iv) Temporarily withdraw CMPT 126, 170, 305, 408 and 461

2. School of Engineering Science

- (i) Deletion of ENSC 304, 374, 472 and 489
- (ii) Prerequisite change for ENSC 220, 225, 320, 324, 380, 386 and 470

3. School of Mechatronics Systems Engineering (MSE)

- (i) Deletion of MSE 400, 401W, and 411W
- (ii) Prerequisite change for MSE 222, 223, 250, and 280

4. School of Sustainable Energy Engineering (SEE)

- (i) Prerequisite change for SEE 225, 230, 251 and 351

5. Faculty of Arts and Social Sciences**1. Courses to be Deleted**

- BUEC 433 Forecasting in Business and Economics (Inactive)
- CHIN 185 Intensive Mandarin Chinese in the China Field School
- CRIM 333 Gender, Law and the State
- CRIM 334 Law and Human Reproduction

- CRIM 336 Corporate Crime and Corporate Regulation
- CRIM 384 Crime and Literature
- CRIM 440 Correctional Administration and Planning
- CRIM 450 Techniques of Crime Prevention II
- EAS 101 English Language Fundamentals for the Arts and Social Sciences
- ECON 353 Economic History of Canada
- ECON 388 Introduction to Law and Economics
- ECON 404 Methodology of the Social Sciences
- FNST 402 The Discourse of Aboriginal Peoples
- GERM 104 German for Reading Knowledge I
- GSWS 334 Law and Human Reproduction
- HUM 152 Ancient Greek II
- HUM 321 The Humanities and Critical Thinking
- IS 209W Latin America: the National Period
- ISPO 431 Europe in Comparative Perspective
- LANG 222 Latin III
- LANG 272 Latin IV (Inactive)
- LAS 498 Capstone Project
- POL 211 Politics and Ethics (Inactive)
- POL 462 Non-Profit and Alternative Service Delivery
- PSYC 335 Sensation (Inactive)
- PSYC 462 Topics in Social Psychology II (Inactive)
- PSYC 463 Topics in Social Psychology III (Inactive)
- PSYC 479 Topics in Psycholegal Psychology III (Inactive)
- SA 357W Survey Methods (S) (Inactive)
- SA 421 Commodities and Substances: Bodies, Consumption and Ingestion (A)

2. Courses to be Temporarily Withdrawn

- COGS 381 Directed Research
- COGS 480 Directed Research
- DIAL 460 Seminar in Dialogue and Public Issues
- ECON 368 Regional Economic Analysis
- ENGL 342 Studies in British Literature since 1945
- ENGL 349 Studies in American Literature since 1900
- ENGL 468W Topics in Drama
- FNST 363 Indigenous Poetry, Poetics, Printmaking
- FNST 376 Indigenous Weaving Technologies: Community of Beings
- FNST 383 Indigenous Technology: Art and Sustainability
- GSWS 432 Sex in the Sixties
- HIST 321 State and Society in Early Modern Europe
- HUM 422 The Humanities and the Critique of Culture
- LING 441 Linguistic Universals and Typology
- POL 251 Introduction to Canadian Public Administration
- POL 456 Governing Instruments
- POL 470 African Social and Political Thought
- PSYC 430 Advanced Topics in Cognitive Psychology
- SA 210 The Return of the Folk Devils (S)
- SA 245 Cultures and Images (A)
- SA 418 Global Health: Humanitarian Encounters (A)
- SPAN 204 Spanish Vocabulary

- SPAN 301 Advanced Spanish Grammar and Writing
- SPAN 303 Spanish Composition, Translation and Conversation
- SPAN 304 Advanced Spanish Composition, Translation and Conversation

c. Faculty of Environment

1. Faculty of Environment

- (i) Deletion of ENV 197, 198, and 222W

2. Department of Archaeology

- (i) Deletion of ARCH 335

3. The School of Environmental Science

- (i) Temporarily withdraw EVSC 399 and 499
- (ii) Title and prerequisite change for EVSC 490W

4. Department of Geography

- (i) Deletion of GEOG 422, 426, 466 and 468
- (ii) Temporarily withdraw GEOG 362, 381, 417 and 455
- (iii) Title and description change for GEOG 356

d. Faculty of Health Sciences

- (i) Temporarily withdraw:

- HSCI 140 - Complementary and Alternative Medicine (3)
- HSCI 215 - Perspectives on Disability and Injury (3)
- HSCI 439 - Pathogenesis of Human and Animal Viral Infectious Diseases (3)
- HSCI 458 - Prevention and Management of Cardiovascular Disease (3)
- HSCI 460 - Population and Public Health Advocacy (3)

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>.



COURSE SUBJECT	CMPT	NUMBER	295	TITLE	Introduction to Computer Systems (3)
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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).

The curriculum introduces students to topics in computer architecture that are considered fundamental to an understanding of the digital systems underpinnings of computer systems. Prerequisite: Either (MACM 101 and ((CMPT 125 and CMPT 127) or CMPT 135)) or (MATH 151 and CMPT 102 for students in an Applied Physics program). ~~Students with credits for CMPT 150 or 250 may not take this course for further credit.~~

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Spring 2021

RATIONALE (must be included)

CMPT 150 and CMPT 250 will be deleted from the calendar (after being inactive for years). We need to remove the reference to these courses from the current course, which effectively replaced the two previous courses.

COURSE SUBJECT	CMPT	NUMBER	379	TITLE	Principles of Compiler Design (3)
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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).

This course covers the key components of a compiler for a high level programming language. Topics include lexical analysis, parsing, type checking, code generation and optimization. Students will work in teams to design and implement an actual compiler making use of tools such as lex and yacc. Prerequisite: MACM 201, (~~CMPT 150~~, CMPT 295 or ENSC 215) and CMPT 225.

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Spring 2021

RATIONALE (must be included)

CMPT 150 is being removed from the calendar (and is subsumed by CMPT 295).

COURSE SUBJECT NUMBER TITLE

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).

The basics of embedded system organization, hardware-software co-design, and programmable chip technologies are studied. Formal models and specification languages for capturing and analyzing the behavior of embedded systems. The design and use of tools for system partitioning and hardware/software co-design implementation, validation, and verification are also studied. Prerequisite: (~~CMPT 250~~ or CMPT 295) and CMPT 300.

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

RATIONALE (must be included)

CMPT 250 is being deleted from the calendar (and is subsumed by CMPT 295).

COURSE SUBJECT NUMBER TITLE

RATIONALE (must be included)

The course material has been moved to cmpt 295.

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (enter in textbox)

PLEASE DO THE FOLLOWING:

1. Attach a program impact list along with your course deletion form. Contact the Senate and Academic Services Office (sfucal@sfu.ca) for a program impact list.
2. Once you have the program impact list, please review how deleting this course affects each program's requirements.
3. If more substantial changes are required to programs as a result of this deletion, please also submit a program modification form.
4. If no further changes other than deletion is required in program requirements, please list those programs in the box below:

Multimedia Computing Specialist Major

5. Lastly, please conduct a course impact analysis, which reviews the effect of a course number change and/or course deletion on course prerequisites. For instructions on how to do a course impact analysis, please visit [our page](#) and click on "deleting a course" and review Step 2. Course Impact Analysis.

COURSE SUBJECT NUMBER TITLE

RATIONALE (must be included)

The course material has been moved to cmpt 295.

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (enter in textbox)

PLEASE DO THE FOLLOWING:

1. Attach a program impact list along with your course deletion form. Contact the Senate and Academic Services Office (sfucal@sfu.ca) for a program impact list.
2. Once you have the program impact list, please review how deleting this course affects each program's requirements.
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Multimedia Computing Specialist Major

5. Lastly, please conduct a course impact analysis, which reviews the effect of a course number change and/or course deletion on course prerequisites. For instructions on how to do a course impact analysis, please visit [our page](#) and click on "deleting a course" and review Step 2. Course Impact Analysis.

COURSE SUBJECT NUMBER TITLE

RATIONALE (must be included)

The course hasn't been offered since 2010, and has been replaced by more modern CMPT courses.

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (enter in textbox)

PLEASE DO THE FOLLOWING:

1. Attach a program impact list along with your course deletion form. Contact the Senate and Academic Services Office (sfucal@sfu.ca) for a program impact list.
2. Once you have the program impact list, please review how deleting this course affects each program's requirements.
3. If more substantial changes are required to programs as a result of this deletion, please also submit a program modification form.
4. If no further changes other than deletion is required in program requirements, please list those programs in the box below:

no program impact list for this course

5. Lastly, please conduct a course impact analysis, which reviews the effect of a course number change and/or course deletion on course prerequisites. For instructions on how to do a course impact analysis, please visit [our page](#) and click on "deleting a course" and review Step 2. Course Impact Analysis.

COURSE SUBJECT NUMBER TITLE

RATIONALE (must be included)

The course has become obsolete, and hasn't been offered since 2016. There are alternative CMPT courses covering similar topics, e.g., CMPT 354.

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (enter in textbox)

PLEASE DO THE FOLLOWING:

1. Attach a program impact list along with your course deletion form. Contact the Senate and Academic Services Office (sfucal@sfu.ca) for a program impact list.
2. Once you have the program impact list, please review how deleting this course affects each program's requirements.
3. If more substantial changes are required to programs as a result of this deletion, please also submit a program modification form.
4. If no further changes other than deletion is required in program requirements, please list those programs in the box below:

Computing Science Minor
Computing Science Honours
Computing Science Major
Computing Science Dual Degree Program Major
Computing Science Second Degree Major
Computing Science and Linguistics Joint Major
Computing Studies Certificate
Information Systems in Business Administration and Computing Science Joint Major

5. Lastly, please conduct a course impact analysis, which reviews the effect of a course number change and/or course deletion on course prerequisites. For instructions on how to do a course impact analysis, please visit [our page](#) and click on “deleting a course” and review Step 2. Course Impact Analysis.

COURSE SUBJECT NUMBER TITLE

RATIONALE (must be included)

The course hasn't been offered since 2012. Similar topics are covered in other CMPT courses, e.g., CMPT 431.

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (enter in textbox)

PLEASE DO THE FOLLOWING:

1. Attach a program impact list along with your course deletion form. Contact the Senate and Academic Services Office (sfucal@sfu.ca) for a program impact list.
2. Once you have the program impact list, please review how deleting this course affects each program's requirements.
3. If more substantial changes are required to programs as a result of this deletion, please also submit a program modification form.
4. If no further changes other than deletion is required in program requirements, please list those programs in the box below:

no program impact list for this course

5. Lastly, please conduct a course impact analysis, which reviews the effect of a course number change and/or course deletion on course prerequisites. For instructions on how to do a course impact analysis, please visit [our page](#) and click on “deleting a course” and review Step 2. Course Impact Analysis.

COURSE SUBJECT NUMBER TITLE

RATIONALE (must be included)

The course hasn't been offered since 2009.

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (enter in textbox)

Spring 2021

PLEASE DO THE FOLLOWING:

1. Attach a program impact list along with your course deletion form. Contact the Senate and Academic Services Office (sfucal@sfu.ca) for a program impact list.
2. Once you have the program impact list, please review how deleting this course affects each program's requirements.
3. If more substantial changes are required to programs as a result of this deletion, please also submit a program modification form.
4. If no further changes other than deletion is required in program requirements, please list those programs in the box below:

no program impact list for this course

5. Lastly, please conduct a course impact analysis, which reviews the effect of a course number change and/or course deletion on course prerequisites. For instructions on how to do a course impact analysis, please visit [our page](#) and click on "deleting a course" and review Step 2. Course Impact Analysis.



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MEMORANDUM

ATTENTION	Wade Parkhouse, Chair Senate Committee on Undergraduate Studies	DATE	March 23 rd , 2020
FROM	Edward Park, Associate Dean Faculty of Applied Sciences	PAGES	1/15
RE:	Temporarily Withdrawn Courses		

Dear Kris,

In response to your memo on Feb 3, 2020, the FAS Undergraduate Curriculum Committee in the Faculty of Applied Sciences has approved the following. We request that you:

1. Please retain the following courses active:

- Engineering Science
 - i. ENSC 194
 - ii. ENSC 328
 - iii. ENSC 411
 - iv. ENSC 412
 - v. ENSC 481
 - vi. ENSC 483
- Mechatronic Systems Engineering
 - i. MSE 423
 - ii. MSE 424
 - iii. MSE 451
 - iv. MSE 495
 - v. MSE 497
 - vi. MSE 498
 - vii. MSE 499

2. Please move the following courses to temporarily withdrawn:

- i. CMPT 126
- ii. CMPT 170
- iii. CMPT 305
- iv. CMPT 408
- v. CMPT 461

3. Please delete the following courses:

- Computing Science
 - i. CMPT 150
 - ii. CMPT 250
 - iii. CMPT 261
 - iv. CMPT 301
 - v. CMPT 401
 - vi. CMPT XX1
- Engineering Science
 - i. ENSC 304
 - ii. ENSC 374
 - iii. ENSC 472
 - iv. ENSC 489
- Mechatronic Systems Engineering
 - i. MSE 400
 - ii. MSE 401
 - iii. MSE 411W

Best regards,



Edward Park
Associate Dean, Faculty of Applied Sciences

COURSE SUBJECT NUMBER TITLE

RATIONALE (must be included)

This is an old curriculum course. The content of this course is moved to new curriculum courses ENSC405W and ENSC440.

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (enter in textbox)

PLEASE DO THE FOLLOWING:

1. Attach a program impact list along with your course deletion form. Contact the Senate and Academic Services Office (sfucal@sfu.ca) for a program impact list.
2. Once you have the program impact list, please review how deleting this course affects each program's requirements.
3. If more substantial changes are required to programs as a result of this deletion, please also submit a program modification form.
4. If no further changes other than deletion is required in program requirements, please list those programs in the box below:

Deletion of this course does not affect any active program.

5. Lastly, please conduct a course impact analysis, which reviews the effect of a course number change and/or course deletion on course prerequisites. For instructions on how to do a course impact analysis, please visit [our page](#) and click on "deleting a course" and review Step 2. Course Impact Analysis.

COURSE SUBJECT NUMBER TITLE

RATIONALE (must be included)

This is an old curriculum course. The content of this course has been moved to new curriculum course ENSC477.

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (enter in textbox)

PLEASE DO THE FOLLOWING:

1. Attach a program impact list along with your course deletion form. Contact the Senate and Academic Services Office (sfucal@sfu.ca) for a program impact list.
2. Once you have the program impact list, please review how deleting this course affects each program's requirements.
3. If more substantial changes are required to programs as a result of this deletion, please also submit a program modification form.
4. If no further changes other than deletion is required in program requirements, please list those programs in the box below:

Deletion of this course does not affect any active program.

5. Lastly, please conduct a course impact analysis, which reviews the effect of a course number change and/or course deletion on course prerequisites. For instructions on how to do a course impact analysis, please visit [our page](#) and click on "deleting a course" and review Step 2. Course Impact Analysis.

COURSE SUBJECT NUMBER TITLE

RATIONALE (must be included)

This is an old curriculum course. This was a constrained elective for biomedical engineering option. Students have other courses in ENSC and BPK to replace this in the new curriculum.

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (enter in textbox)

PLEASE DO THE FOLLOWING:

1. Attach a program impact list along with your course deletion form. Contact the Senate and Academic Services Office (sfucal@sfu.ca) for a program impact list.
2. Once you have the program impact list, please review how deleting this course affects each program's requirements.
3. If more substantial changes are required to programs as a result of this deletion, please also submit a program modification form.
4. If no further changes other than deletion is required in program requirements, please list those programs in the box below:

Deletion of this course does not affect any active program.

5. Lastly, please conduct a course impact analysis, which reviews the effect of a course number change and/or course deletion on course prerequisites. For instructions on how to do a course impact analysis, please visit [our page](#) and click on "deleting a course" and review Step 2. Course Impact Analysis.

COURSE SUBJECT NUMBER TITLE

RATIONALE (must be included)

This is an old curriculum course. The content of this course has been moved to new curriculum course ENSC482.

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (enter in textbox)

PLEASE DO THE FOLLOWING:

1. Attach a program impact list along with your course deletion form. Contact the Senate and Academic Services Office (sfucal@sfu.ca) for a program impact list.
2. Once you have the program impact list, please review how deleting this course affects each program's requirements.
3. If more substantial changes are required to programs as a result of this deletion, please also submit a program modification form.
4. If no further changes other than deletion is required in program requirements, please list those programs in the box below:

Deletion of this course does not affect any active program.

5. Lastly, please conduct a course impact analysis, which reviews the effect of a course number change and/or course deletion on course prerequisites. For instructions on how to do a course impact analysis, please visit [our page](#) and click on "deleting a course" and review Step 2. Course Impact Analysis.



COURSE SUBJECT	ENSC	NUMBER	220	TITLE	Electric Circuits I
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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).

Prerequisite: (PHYS 121 or PHYS 126 or PHYS 141), ENSC 120, MATH 232 and (MATH 260 or MATH 310). MATH 232 and/or (MATH 260 or MATH 310) may be taken concurrently.

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Spring 2021

RATIONALE (must be included)

The Department of Mathematics is renumbering the course MATH 310 (3) as MATH 260 (3). This program change is submitted for consistency with the new course number, while recognizing credit for students that have already completed MATH 310 as part of their engineering degree requirements.



COURSE SUBJECT	ENSC	NUMBER	225	TITLE	Microelectronics I
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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).

Prerequisite: (ENSC 220 or MSE 250), MATH 232, and (MATH 260 or MATH 310).

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Spring 2021

RATIONALE (must be included)

The Department of Mathematics is renumbering the course MATH 310 (3) as MATH 260 (3). This program change is submitted for consistency with the new course number, while recognizing credit for students that have already completed MATH 310 as part of their engineering degree requirements.

COURSE SUBJECT **ENSC** NUMBER **320** TITLE **Electric Circuits II**

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).

Prerequisite: (ENSC 220 or MSE 250), MATH 232, and (MATH 260 or MATH 310).

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Spring 2021

RATIONALE (must be included)

The Department of Mathematics is renumbering the course MATH 310 (3) as MATH 260 (3). This program change is submitted for consistency with the new course number, while recognizing credit for students that have already completed MATH 310 as part of their engineering degree requirements.

COURSE SUBJECT **NUMBER** **TITLE**

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).

Prerequisite: (ENSC 220 or MSE 250), MATH 232, and (MATH 260 or MATH 310).

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

RATIONALE (must be included)

The Department of Mathematics is renumbering the course MATH 310 (3) as MATH 260 (3). This program change is submitted for consistency with the new course number, while recognizing credit for students that have already completed MATH 310 as part of their engineering degree requirements.

COURSE SUBJECT **NUMBER** **TITLE**

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).

Prerequisite: ENSC 180, ENSC 220 (or MSE 250) and (MATH 260 or MATH 310).

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Spring 2021

RATIONALE (must be included)

The Department of Mathematics is renumbering the course MATH 310 (3) as MATH 260 (3). This program change is submitted for consistency with the new course number, while recognizing credit for students that have already completed MATH 310 as part of their engineering degree requirements.

COURSE SUBJECT	ENSC	NUMBER	386	TITLE	Introduction to Mechanical Design
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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).

Prerequisite: PHYS 120, (MATH 260 or MATH 310), and (ENSC 281 or ENSC 385).

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Spring 2021

RATIONALE (must be included)

The Department of Mathematics is renumbering the course MATH 310 (3) as MATH 260 (3). This program change is submitted for consistency with the new course number, while recognizing credit for students that have already completed MATH 310 as part of their engineering degree requirements.

COURSE SUBJECT	ENSC	NUMBER	470	TITLE	Optical and Laser Engineering Applications
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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).

Prerequisite: Completion of 80 units including PHYS 121 or 126 or 141, and (MATH 260 or MATH 310).

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Spring 2021

RATIONALE (must be included)

The Department of Mathematics is renumbering the course MATH 310 (3) as MATH 260 (3). This program change is submitted for consistency with the new course number, while recognizing credit for students that have already completed MATH 310 as part of their engineering degree requirements.

COURSE SUBJECT NUMBER TITLE

RATIONALE (must be included)

A new course MSE 405W(The Business of Engineering II, Entrepreneurship for Engineers) was designed that merged this course and MSE 401W (Project Documentation and Group Dynamics).

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (enter in textbox)

PLEASE DO THE FOLLOWING:

1. Attach a program impact list along with your course deletion form. Contact the Senate and Academic Services Office (sfucal@sfu.ca) for a program impact list.
2. Once you have the program impact list, please review how deleting this course affects each program's requirements.
3. If more substantial changes are required to programs as a result of this deletion, please also submit a program modification form.
4. If no further changes other than deletion is required in program requirements, please list those programs in the box below:

There is no impact on the program as MSE 405W covers all the topics in this course.

5. Lastly, please conduct a course impact analysis, which reviews the effect of a course number change and/or course deletion on course prerequisites. For instructions on how to do a course impact analysis, please visit [our page](#) and click on "deleting a course" and review Step 2. Course Impact Analysis.

COURSE SUBJECT MSE NUMBER 401W TITLE Project Documentation and Group Dynamics

RATIONALE (must be included)

A new course MSE 405W(The Business of Engineering II, Entrepreneurship for Engineers) was designed that merged this course and MSE 400 (The Business of Engineering II).

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (enter in textbox)

Spring 2021

PLEASE DO THE FOLLOWING:

1. Attach a program impact list along with your course deletion form. Contact the Senate and Academic Services Office (sfucal@sfu.ca) for a program impact list.
2. Once you have the program impact list, please review how deleting this course affects each program's requirements.
3. If more substantial changes are required to programs as a result of this deletion, please also submit a program modification form.
4. If no further changes other than deletion is required in program requirements, please list those programs in the box below:

There is no impact on the program as MSE 405W covers all the topics in this course.

5. Lastly, please conduct a course impact analysis, which reviews the effect of a course number change and/or course deletion on course prerequisites. For instructions on how to do a course impact analysis, please visit [our page](#) and click on "deleting a course" and review Step 2. Course Impact Analysis.

COURSE SUBJECT NUMBER TITLE

RATIONALE (must be included)

A new course MSE 411 (Capstone Design Technical Project II) replaced this course. The MSE 405W (The Business of Engineering II, Entrepreneurship for Engineers) covers the upper division "W" component. MSE 411 runs in parallel with MSE 405W.

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (enter in textbox)

PLEASE DO THE FOLLOWING:

1. Attach a program impact list along with your course deletion form. Contact the Senate and Academic Services Office (sfucal@sfu.ca) for a program impact list.
2. Once you have the program impact list, please review how deleting this course affects each program's requirements.
3. If more substantial changes are required to programs as a result of this deletion, please also submit a program modification form.
4. If no further changes other than deletion is required in program requirements, please list those programs in the box below:

There is no impact on the program as MSE 411 covers all the design topics in this course and MSE 405W covers the "W" portion.

5. Lastly, please conduct a course impact analysis, which reviews the effect of a course number change and/or course deletion on course prerequisites. For instructions on how to do a course impact analysis, please visit [our page](#) and click on "deleting a course" and review Step 2. Course Impact Analysis.

COURSE SUBJECT	MSE	NUMBER	222	TITLE	Kinematics and Dynamics of Rigid Bodies and Mechanisms
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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).

Prerequisite: PHYS 140, MATH 152, and (MATH 260 or MATH 310).

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Spring 2021

RATIONALE (must be included)

The Department of Mathematics is renumbering the course MATH 310 (3) as MATH 260 (3). This program change is submitted for consistency with the new course number, while recognizing credit for students that have already completed MATH 310 as part of their engineering degree requirements.



COURSE SUBJECT	MSE	NUMBER	223	TITLE	Introduction to Fluid Mechanics
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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).

Prerequisite: PHYS 140, MATH 251, and (MATH 260 or MATH 310).

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Spring 2021

RATIONALE (must be included)

The Department of Mathematics is renumbering the course MATH 310 (3) as MATH 260 (3). This program change is submitted for consistency with the new course number, while recognizing credit for students that have already completed MATH 310 as part of their engineering degree requirements.

COURSE SUBJECT	MSE	NUMBER	250	TITLE	Electric Circuits I
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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).

Prerequisite: PHYS 121 and 131, or PHYS 126 and 131, or PHYS 141, and MATH 232 and (MATH 260 or MATH 310). (MATH 260 or MATH 310) may be taken concurrently.

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Spring 2021

RATIONALE (must be included)

The Department of Mathematics is renumbering the course MATH 310 (3) as MATH 260 (3). This program change is submitted for consistency with the new course number, while recognizing credit for students that have already completed MATH 310 as part of their engineering degree requirements.

COURSE SUBJECT	MSE	NUMBER	280	TITLE	Linear Systems
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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).

Prerequisite: MSE 250 (or ENSC 220) and (MATH 260 or MATH 310).

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Spring 2021

RATIONALE (must be included)

The Department of Mathematics is renumbering the course MATH 310 (3) as MATH 260 (3). This program change is submitted for consistency with the new course number, while recognizing credit for students that have already completed MATH 310 as part of their engineering degree requirements.

COURSE SUBJECT	SEE	NUMBER	225	TITLE	Fluid Mechanics
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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).

Prerequisite: PHYS 140, MATH 251, (MATH 260 or MATH 310).

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Spring 2021

RATIONALE (must be included)

The Department of Mathematics is renumbering the course MATH 310 (3) as MATH 260 (3). This program change is submitted for consistency with the new course number, while recognizing credit for students that have already completed MATH 310 as part of their engineering degree requirements.



COURSE SUBJECT SEE NUMBER 230 TITLE Electric Circuits

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).

Prerequisite: PHYS 141, MATH 232. Corequisite: (MATH 260 or MATH 310).

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Spring 2021

RATIONALE (must be included)

The Department of Mathematics is renumbering the course MATH 310 (3) as MATH 260 (3). This program change is submitted for consistency with the new course number, while recognizing credit for students that have already completed MATH 310 as part of their engineering degree requirements.



COURSE SUBJECT	SEE	NUMBER	251	TITLE	Electric Machines and Energy Conversion
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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).

Prerequisite: SEE 230, SEE 221, (MATH 260 or MATH 310).

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Spring 2021

RATIONALE (must be included)

The Department of Mathematics is renumbering the course MATH 310 (3) as MATH 260 (3). This program change is submitted for consistency with the new course number, while recognizing credit for students that have already completed MATH 310 as part of their engineering degree requirements.

COURSE SUBJECT	SEE	NUMBER	351	TITLE	Bioprocess Engineering Systems
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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).

Prerequisite: (MATH 260 or MATH 310), and SEE 224. Corequisite: SEE 324.

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Spring 2021

RATIONALE (must be included)

The Department of Mathematics is renumbering the course MATH 310 (3) as MATH 260 (3). This program change is submitted for consistency with the new course number, while recognizing credit for students that have already completed MATH 310 as part of their engineering degree requirements.



FACULTY OF ARTS AND SOCIAL SCIENCES
Office of the Dean

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MEMORANDUM

ATTENTION Kris Nordgren
Assistant Registrar, Senate and Academic Services

FROM Catherine Murray
Associate Dean, Undergraduate Academic Programs and Enrolment
Management

RE: Temporarily Withdrawn courses

DATE March 5, 2020

In response to your memo dated February 3, 2020 regarding Temporarily Withdrawn courses, please find attached the list of courses you provided now updated with the FASS Department's response recorded according to the four options you outlined.

Further work by the FASSUCC is required to proceed with course deletions and to secure some additional justifications. The FASSUCC will report back to SCUS this Spring 2020 term on these items.

A handwritten signature in blue ink, appearing to read "C. Murray", is shown above the printed name.

Catherine Murray, PhD.
Professor and Associate Dean, Undergraduate Programs and Enrolment Management
Faculty of Arts & Social Sciences
murraye@sfu.ca

Course #	Title	ACTION	Notes
BUEC 433	Forecasting in Business and Economics (Inactive)	Delete	
CHIN 185	Intensive Mandarin Chinese in the China Field School	Delete	
CRIM 333	Gender, Law and the State	Delete	
CRIM 334	Law and Human Reproduction	Delete	
CRIM 336	Corporate Crime and Corporate Regulation	Delete	
CRIM 384	Crime and Literature	Delete	
CRIM 440	Correctional Administration and Planning	Delete	
CRIM 450	Techniques of Crime Prevention II	Delete	
EAS 101	English Language Fundamentals for the Arts and Social Sciences	Delete	
ECON 353	Economic History of Canada	Delete	
ECON 388	Introduction to Law and Economics	Delete	
ECON 404	Methodology of the Social Sciences	Delete	
FNST 402	The Discourse of Aboriginal Peoples	Delete	
GERM 104	German for Reading Knowledge I	Delete	
GSWS 334	Law and Human Reproduction	Delete	
HUM 152	Ancient Greek II	Delete	
HUM 321	The Humanities and Critical Thinking	Delete	
IS 209W	Latin America: the National Period	Delete	
ISPO 431	Europe in Comparative Perspective	Delete	
LANG 222	Latin III	Delete	
LANG 272	Latin IV (Inactive)	Delete	
LAS 498	Capstone Project	Delete	
POL 211	Politics and Ethics (Inactive)	Delete	
POL 462	Non-Profit and Alternative Service Delivery	Delete	
PSYC 335	Sensation (Inactive)	Delete	
PSYC 462	Topics in Social Psychology II (Inactive)	Delete	
PSYC 463	Topics in Social Psychology III (Inactive)	Delete	
PSYC 479	Topics in Psycholegal Psychology III (Inactive)	Delete	
SA 357W	Survey Methods (S) (Inactive)	Delete	
SA 421	Commodities and Substances: Bodies, Consumption and Ingestion (A)	Delete	
COGS 380	Directed Research	Retain	Retain the course as active pending it being offered in the near future.
CRIM 346	Current Issues in Corrections	Retain	Retain the course as active pending it being offered in the near future.
ECON 390	Public Policy	Retain	Retain the course as active pending it being offered in the near future.
ECON 431	Intermediate Mathematical Economics	Retain	Retain the course as active pending it being offered in the near future.
ECON 451	Seminar in European Economic History	Retain	Retain the course as active pending it being offered in the near future.
ECON 453	Seminar in the Economics of Education	Retain	Retain the course as active pending it being offered in the near future.
ENGL 453W	Aboriginal Literatures	Retain	Retain the course as active pending it being offered in the near future.
FREN 342	Francophone World Literature in Translation	Retain	Retain the course as active pending it being offered in the near future.
FREN 424	Topics in French Linguistics	Retain	Retain the course as active pending it being offered in the near future.

GA 202	Studies in Asian Cultures	Retain	Retain the course as active pending it being offered in the near future. <i>(Being offered this Summer.)</i>
GERO 408	Families over the Life Course	Retain	Retain the course as active pending it being offered in the near future.
GSWS 308	Gendering Economy: Paid and Unpaid Labour	Retain	Retain this course as active pending it being offered in the near future. <i>(We will run this course in Fall 2020.)</i>
HIST 209W	Latin America: the National Period	Retain	Retain the course as active pending it being offered in the near future.
HIST 278	The Greeks in the Ottoman Empire	Retain	Retain the course as active pending it being offered in the near future. <i>(Change to HIST/HUM.)</i>
HIST 352	Religion and Politics in Modern Iran	Retain	Retain the course as activating pending it being offered in the near future.
HIST 355	The Arab Middle East in the Twentieth Century	Retain	Retain the course as activating pending it being offered in the near future.
HIST 404	Problems in Early Modern England	Retain	Retain the course as activating pending it being offered in the near future.
HIST 428	Problems in the Social and Economic History of Canada	Retain	Retain the course as activating pending it being offered in the near future.
HIST 430	French Americas	Retain	Retain the course as activating pending it being offered in the near future.
HIST 447W	The Nikkei Experience in North America	Retain	Retain the course as activating pending it being offered in the near future.
HIST 458W	Problems in Latin American Regional History	Retain	Retain the course as activating pending it being offered in the near future.
HIST 459W	Problems in the Political and Social History of Latin America	Retain	Retain the course as activating pending it being offered in the near future.
HIST 460	Themes in Byzantine History	Retain	Retain the course as activating pending it being offered in the near future. <i>(Change to HIST/HUM.)</i>
HIST 476	History of Modern Greece	Retain	Retain the course as activating pending it being offered in the near future. <i>(Change to HIST/HUM.)</i>
HS 278	The Greeks in the Ottoman Empire	Retain	Retain this course as active pending it being offered in the near future.
HS 476	History of Modern Greece	Retain	Retain this course as active pending it being offered in the near future.
HUM 106	Art and the Humanities	Retain	Retain this course as active pending it being offered in the near future. <i>(Offering soon.)</i>
HUM 151	Ancient Greek I	Retain	Retain this course as active pending it being offered in the near future. <i>(Offering soon.)</i>
HUM 202	Great Texts: Renaissance to Modernity	Retain	Retain this course as active pending it being offered in the near future. <i>(Offering soon.)</i>
HUM 204	Great Religious Texts	Retain	Retain this course as active pending it being offered in the near future. <i>(Offering soon.)</i>
HUM 222	Cross-Cultural Perspectives on Art	Retain	Retain this course as active pending it being offered in the near future. <i>(Offering soon.)</i>
IS 209	Latin America: the National Period	Retain	Retain this course as active pending it being offered in the near future. <i>(Anticipate offering again.)</i>
IS 421	The Economics of International Organizations and Development	Retain	Retain this course as active pending it being offered in the near future. <i>(Anticipate offering again.)</i>
LING 407	Historical Linguistics	Retain	Retain as active pending it being offered in the near future.
LING 430	Aboriginal Languages of the Americas	Retain	Retain as active pending it being offered in the near future.
PHIL 280	Introduction to Existentialism	Retain	Retain the course as active pending it being offered in the near future. <i>(Will be taught next term.)</i>
PHIL 358	19th Century Philosophy	Retain	Retain the course as active pending it being offered in the near future. <i>(Will be offered in the near future.)</i>
POL 316	Sex, Love, and Politics	Retain	Retain the course as active pending it being offered in the near future. <i>(Scheduled to be taught in Summer 2021.)</i>
WL 305W	Sages and Poets	Retain	Retain the course as active pending it being offered in the near future. <i>(Will be doing a lot of curricular revisions.)</i>
WL 308	Travel and Trade	Retain	Retain the course as active pending it being offered in the near future. <i>(Will be doing a lot of curricular revisions.)</i>
WL 400	Early Literary Cultures	Retain	Retain the course as active pending it being offered in the near future. <i>(Will be doing a lot of curricular revisions.)</i>
GERO 402	Drug Issues in Gerontology	Retain as TW	Retain the course as Temporarily Withdrawn.
GERO 405	Aging in Small Communities and Rural Areas	Retain as TW	Retain the course as Temporarily Withdrawn.
HIST 343	Africa and the Slave Trade	Retain as TW	Retain the course as Temporarily Withdrawn. <i>(Reactivation coming.)</i>
HIST 437	Fighting for God: Religion, Conflict and the State from Antiquity to the Crusades (Inactive)	Retain as TW	Retain the course as Temporarily Withdrawn.
POL 361	Policy Communities and Policy Networks	Retain as TW	Retain the course as Temporarily Withdrawn. <i>(Faculty interest in teaching this course.)</i>
POL 362	Comparative Public Policy	Retain as TW	Retain the course as Temporarily Withdrawn. <i>(Faculty interest in teaching this course.)</i>
SPAN 305	Spanish for Business (Inactive)	Retain as TW	Retain the course as Temporarily Withdrawn.
WL 420	Selected Topic in World Literature II	Retain as TW	Retain the course as Temporarily Withdrawn. <i>(Will be doing a lot of curricular revisions.)</i>

WL 430	Selected Topic in World Literature III	Retain as TW	Retain the course as Temporarily Withdrawn. <i>(Will be doing a lot of curricular revisions.)</i>
WL 440	Selected Topic in World Literature IV	Retain as TW	Retain the course as Temporarily Withdrawn. <i>(Will be doing a lot of curricular revisions.)</i>
COGS 381	Directed Research	Temporarily Withdraw	
COGS 480	Directed Research	Temporarily Withdraw	
DIAL 460	Seminar in Dialogue and Public Issues	Temporarily Withdraw	
ECON 368	Regional Economic Analysis	Temporarily Withdraw	
ENGL 342	Studies in British Literature since 1945	Temporarily Withdraw	
ENGL 349	Studies in American Literature since 1900	Temporarily Withdraw	
ENGL 468W	Topics in Drama	Temporarily Withdraw	
FNST 363	Indigenous Poetry, Poetics, Printmaking	Temporarily Withdraw	
FNST 376	Indigenous Weaving Technologies: Community of Beings	Temporarily Withdraw	
FNST 383	Indigenous Technology: Art and Sustainability	Temporarily Withdraw	
GSWS 432	Sex in the Sixties	Temporarily Withdraw	
HIST 321	State and Society in Early Modern Europe	Temporarily Withdraw	
HUM 422	The Humanities and the Critique of Culture	Temporarily Withdraw	
LING 441	Linguistic Universals and Typology	Temporarily Withdraw	
POL 251	Introduction to Canadian Public Administration	Temporarily Withdraw	
POL 456	Governing Instruments	Temporarily Withdraw	
POL 470	African Social and Political Thought	Temporarily Withdraw	
PSYC 430	Advanced Topics in Cognitive Psychology	Temporarily Withdraw	
SA 210	The Return of the Folk Devils (S)	Temporarily Withdraw	

SA 245	Cultures and Images (A)	Temporarily Withdraw	
SA 418	Global Health: Humanitarian Encounters (A)	Temporarily Withdraw	
SPAN 204	Spanish Vocabulary	Temporarily Withdraw	
SPAN 301	Advanced Spanish Grammar and Writing	Temporarily Withdraw	
SPAN 303	Spanish Composition, Translation and Conversation	Temporarily Withdraw	
SPAN 304	Advanced Spanish Composition, Translation and Conversation	Temporarily Withdraw	



MEMORANDUM

To: Kris Nordgren, Assistant Registrar, Senate and Academic Services
From: Paul Kingsbury, FENV, Chair, UCC

Re: Faculty of Environment Temporarily Withdrawn Courses

Please find below a list of various courses, which have not been offered in the past 6 terms or are classified as Temporarily Withdrawn, with our desired actions from the Faculty of Environment.

Delete:

ARCH 335

ENV 197, ENV 198, ENV 222W

Note: I am still waiting on clarification for ENV 412 since this is cross listed with ENSC 412.

GEOG 422, GEOG 426, GEOG 466, GEOG 468

Retain as Temporarily Withdrawn:

GEOG 265, GEOG 301, GEOG 319, GEOG 412, GEOG 413, GEOG 415, GEOG 440W, GEOG 441

Note: GEOG 412 has not been offered for some time because the instructor is involved in administrative work. The instructor's intent is to teach the course once released from this commitment.

Designate as Temporarily Withdrawn:

EVSC 399, EVSC 499

GEOG 362, GEOG 381, GEOG 417, GEOG 455.

Note: these are all the non-W counterparts to W courses and GEOG does not want to delete them.

Retain as Active:

ARCH 428

ARCH 450, ARCH 451

Note: These courses are required upper division practicum courses for the COOP program.

ENV 452

Note: This course is being sent to REM in Fall 2020 so it should not be deleted.

GEOG 322, GEOG 453, GEOG 497.

Thank you for your work. Please let me know if you have any questions about the above or require further information.

Sincerely,

A handwritten signature in black ink, consisting of two overlapping loops followed by a small dot.

Dr. Paul Kingsbury
Associate Dean, Undergraduate, Faculty of Environment

COURSE SUBJECT	EVSC	NUMBER	490W	TITLE	Environmental Science Thesis II
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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).

EVSC 490W - Environmental Science Thesis II

Independent research on an environmental science topic, undertaken under the supervision of SFU faculty with the permission of the EVSC Director.

Prerequisite: EVSC 305, EVSC 489, 90 units and consent of EVSC Director.
Students with credit for EVSC 490 may not take this course for further credit.
Writing.

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Spring 2021

**RATIONALE** (must be included)

EVSC 489 (Environmental Science Thesis I) has been proposed as a new course. Students can now take EVSC 489 and then EVSC 490W in sequence to complete an undergraduate thesis.

COURSE SUBJECT **GEOG** NUMBER **356** TITLE **3D Geovisualization**

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).

GEOG 356 – 3D ~~Geovisualization~~ GIScience (4)

~~3D geovisualization methods, concepts and theory. Bridges conventional geographic visualization with emerging 3D methods. Emphasizes user-centered design and cognitive implications.~~

Introduction to 3D spatial data, 3D analysis, and 3D visualization for spatial problems. Students will gain skills in 3D aspects of GIScience concepts; data generation and use; analysis and simulation; visualization and its use for interpretation and communication.

EFFECTIVE TERM AND YEAR FOR CHANGES

Fall, Spring, Summer and year (please enter in textbox)

Spring 2021

**RATIONALE** (must be included)

Over the past few years, GEOG 356 has evolved to cover a broader area than 3D Geovisualization.

The proposed title and description more clearly communicates to students the content of the course which covers many aspects of 3D GIScience thinking, including: 3D data types, 3D data collection and processing, 3D simulation and analysis, in addition to 3D visualization, 3D visual analysis, interpretation, cognitive implications and critical discussion.



FACULTY OF HEALTH SCIENCES

PHONE (778) 782-4821

FAX (778) 782-5927

MEMORANDUM

TO: SCUS
FROM: Nienke Van Houten, Director, Undergraduate Programs, Faculty of Health Sciences
DATE: February 24, 2020
RE: Temporarily Withdrawn Courses
cc: Kris Nordgren; Nicole Berry

Please temporarily withdraw from the Calendar the following HSCI courses, effective Fall 2020 term:

- HSCI 140 - Complementary and Alternative Medicine (3)
- HSCI 215 - Perspectives on Disability and Injury (3)
- HSCI 439 - Pathogenesis of Human and Animal Viral Infectious Diseases (3)
- HSCI 458 - Prevention and Management of Cardiovascular Disease (3)
- HSCI 460 - Population and Public Health Advocacy (3)

Please keep as temporarily withdrawn the following HSCI course:

- HSCI 443 – Molecular Toxicology Lab
Note: We are reviewing our curriculum and think that it would appropriate to bring this course back.

Please keep as active:

- HSCI 477 - Seminar in Vaccine Immunology (3)