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MEMORANDUM

ATTENTION

Senate

DATE

April 3, 2020

FROM Wade Parkhouse, Chair

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Senate Committee on

**Undergraduate Studies** 

RE:

Course Changes (SCUS 20-30)

#### 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) Prerequisite and equivalent statement change for CMPT 295
- (ii) Prerequisite change for CMPT 371, 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, 401 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

#### **b.** 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 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 <a href="https://docushare.sfu.ca/dsweb/View/Collection-12682">https://docushare.sfu.ca/dsweb/View/Collection-12682</a>.

# SCUS 20-30a COURSE MODIFICATION FORM

COURSE SU	<b>JBJECT</b> C	MPT <b>NUMBER</b>	295	TITLE	Introducti Systems (3	on to Computer 3)	
TYPE OF CH	<b>ANGES.</b> Plea	ase type 'X' for the ap	propriate	revision(s):			
Course number		Units		Prere	equisite 🛭		
Title		Description		-	ivalent ∑ tement	3	
<b>WORDING/DESCRIPTION EDITS.</b> 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 <u>Information about specific course components</u> if changing equivalent statement(s).							
considered of compute 127) or CM Physics pro	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.						
		YEAR FOR CHANGES year (please enter in					
Spring 202	1						
RATIONALE	(must be in	cluded)					
We need to		50 will be deleted from the second series of the second series courses.					

COURSE SU	<b>BJECT</b> CM	NUMBER	371	TITLE		ommunications and king (3)	
TYPE OF CHA	<b>ANGES.</b> Pleas	e type 'X' for the app	propriate	e revision(s):			
Course number		Units		Prere	equisite		
Title		Description		-	iivalent tement		
indicate adde allows, drag t expand. Pleas	ed or new tex the endpoint se review the	N EDITS. Indicate de t using <u>underline</u> . If of the text box to ma "Equivalency staten ts if changing equiv	you need ake it big nents" se	d to enter mor ger, as it will i ection under <u>l</u>	e text than	an the box natically	
Network ar suitable for analysis un (CMPT 150	Data communication fundamentals (data types, rates, and transmission media).  Network architectures for local and wide areas. Communications protocols suitable for various architectures. ISO protocols and internetworking. Performance analysis under various loadings and channel error rates. Prerequisite: CMPT 225, (CMPT 150, ENSC 150 or CMPT 295) and MATH 151 (MATH 150). MATH 154 or 157 with a grade of at least B+ may be substituted for MATH 151 (MATH 150).						
	EFFECTIVE TERM AND YEAR FOR CHANGES Fall, Spring, Summer and year (please enter in textbox)  Spring 2021						
RATIONALE (must be included)							
CMPT 150 (and its equivalent ENSC 150) are being removed from the calendar, being subsumed by CMPT 295.							

COURSE SU	вјест См	PT NUMBER	379	TITLE Princip	oles of Compiler Design		
TYPE OF CHA	<b>ANGES.</b> Pleas	e type 'X' for the ap	propriat	e revision(s):			
Course number		Units		Prerequisite			
Title		Description		Equivalent Statement			
indicate adde allows, drag t expand. Pleas	ed or new text the endpoint of se review the	tusing <u>underline</u> . If of the text box to ma	you need ake it big nents" so	changed text using stands to enter more text the ger, as it will not autorection under Informatinetes).	an the box matically		
language. T and optimiz compiler m	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.						
		EAR FOR CHANGES ear (please enter in		)			
	Spring 2021						
RATIONALE (must be included)  CMPT 150 is being removed from the calendar (and is subsumed by CMPT 295).							

COURSE SU	I <b>BJECT</b> CI	MPT NUMBER	433	TITLE Embedded Systems (3)			
TYPE OF CH	<b>ANGES.</b> Plea	se type 'X' for the ap	propria	te revision(s):			
Course number		Units		Prerequisite 🖂			
Title		Description		Equivalent □ Statement			
The basics programmal languages in design and implement	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.						
<u>250 or CM</u>	<u>PT 295</u> ) and	<u>CMPT 300</u> .					
		YEAR FOR CHANGES year (please enter in		x)			
Spring 202	1						
RATIONALE (must be included)							
CMPT 250 is being deleted from the calendar (and is subsumed by CMPT 295).							

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COURSE SUBJECT	CMPT	NUMBER 150	TITLE Intro	duction to Compute	r Design
RATIONALE (must b	oe included)				
The course mate	erial has been r	moved to cmpt 295.			
<b>EFFECTIVE TERM</b> A Fall, Spring, Summer		Carina 202	1		
PLEASE DO THE FO	OLLOWING:				

- 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:

M	Multimedia Computing Specialist Major					

1 OF 1 PAGE

COURSE SUBJECT	CMPT	NUMBER	250	TITLE	Introduction to Computer Architecture
				_	
RATIONALE (must be	e included)				
The course mater	rial has been m	oved to cr	npt 295.		
			-		
Fall, Spring, Summer			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:

Multimedia Computing Specialist Major

no program impact list for this course

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#### **EXISTING COURSE DELETION FORM**

1 OF 1 PAGE

COURSE SUBJECT	CMPT	NUMBER	261	TITLE	patial Computing	
RATIONALE (must b	e included)					
The course hasn'	t been offered	since 2010	), and has been	replace	by more modern CMPT	courses.
<b>EFFECTIVE TERM A</b> Fall, Spring, Summer			Spring 2021			
PLEASE DO THE FO	LLOWING:					
Office (sfu- 2. Once yo requiremen	cal@sfu.ca) for a ou have the prog nts.	program i ram impac	mpact list. t list, please revio	ew how d	form. Contact the Senate are eting this course affects each of this deletion, please also	h program's
modificatio	on form. ther changes otl	•			n requirements, please list t	
DOX DEIOW	•					

SENATE COMMITTEE ON

UNDERGRADUATE STUDIES

1 OF 1 PAGE

COURSE SUBJECT	CMPT	NUMBER	301	TITLE	Information Systems Management
RATIONALE (must b	e included)				
The course has b covering similar		,	n't been offere	d since 2	2016. There are alternative CMPT courses
<b>EFFECTIVE TERM A</b> Fall, Spring, Summe			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:

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

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COURSE SUBJECT	CMPT	NUMBER	401	TITLE	Operating Systems II
RATIONALE (must be	e included)				
The course hasn't	t been offered	since 2012	2. Similar topic	s are co	overed in other CMPT courses, e.g., CMPT 431.
<b>EFFECTIVE TERM A</b> Fall, Spring, Summer			Spring 2021		
	•	ii textbox)			
PLEASE DO THE FO	LLUWING:				

- 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:

o program impact list for this course									

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modification form.

COURSE SUBJECT	CMPT	NUMBER XX1	TITLE Computers and the Activity of People	
DATIONALE /	. 1 1 1			
RATIONALE (must	be included)			
The course hasn	't been offered	since 2009.		
EFFECTIVE TERM	AND YEAR FOR C	HANGES .		
Fall, Spring, Summ		Spring 20'	21	
PLEASE DO THE F	OLLOWING:			
1 Attach	a program impa	et list along with your co	ourse deletion form. Contact the Senate and Academic Se	arricos
		a program impact list.	burse defection form. Contact the Senate and Academic So	rvices
			review how deleting this course affects each program's	
requireme		, ,	r	
		ges are required to progr	rams as a result of this deletion, please also submit a progr	cam

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	



#### **FACULTY OFAPPLIED SCIENCES**

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MEMORANDUM

ATTENTION Wade Parkhouse, Chair DATE

March 23<sup>rd</sup>, 2020

Senate Committee on Undergraduate Studies

Edward Park, Associate Dean

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Faculty of Applied Sciences

RE: Temporarily Withdrawn Courses

#### Dear Kris,

FROM

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

#### **EXISTING COURSE DELETION FORM**

1 OF 1 PAGE

COURSE SUBJECT	ENSC	NUMBER	304	TITLE Hum	nan Factors and Usability Engineering
RATIONALE (must be	a included				
MATIONALE (IIIUST DO	e menudeu)				
This is an old curand ENSC440.	rriculum course	e. The con	tent of this cou	arse is moved	l to new curriculum courses ENSC405W
EFFECTIVE TERM A Fall, Spring, Summer	r and year (enter i		Spring 2021		

- 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:

Del	letion of this course does no	t affect any active prog	ram.	

COURSE SUBJECT	ENSC	NUMBER 374	TITLE Bion	nedical Image Acquisition
RATIONALE (must be	included)			
This is an old curr ENSC477.	iculum cours	e. The content of this c	course has been	moved to new curriculum course
EFFECTIVE TERM AN Fall, Spring, Summer and PLEASE DO THE FOL	and year (enter i	Spring 202	1	

- 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.								

SENATE COMMITTEE ON UNDERGRADUATE STUDIES

1 OF 1 PAGE

COURSE SUBJECT	ENSC	NUMBER	472	TITLE Ort	nopaedic and Rehabilitation Engineering
RATIONALE (must b	e included)				
This is an old curhave other cours					biomedical engineering option. Students riculum.
<b>EFFECTIVE TERM A</b> Fall, Spring, Summe	r and year (enter i		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:

	Deletion of this course does not affect any active program.								
l									

1 OF 1 PAGE

COURSE SUBJECT ENSC N	UMBER   489	TITLE ENSO	C 489 Computer Aided Design	and Manu <mark>‡</mark>
RATIONALE (must be included)				
This is an old curriculum course. ENSC482.	The content of this co	ourse has been i	noved to new curriculum cours	e
<b>EFFECTIVE TERM AND YEAR FOR CHAI</b> Fall, Spring, Summer and year (enter in to	Chrina 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:

Deletion of this course does not affect any active program.					

COURSE S	UBJECT EN	SC NUMBER	220	TITLE Electric Circuits I
TYPE OF C	<b>HANGES.</b> Pleas	e type 'X' for the ap	propria	te revision(s):
Course number		Units		Prerequisite 🖂
Title		Description		Equivalent □ Statement
indicate add allows, drag expand. Ple specific coulons [MATH 26] taken con	ded or new texts the endpoint ase review the component site: (PHYS 121 60 or MATH 31 currently.	t using <u>underline</u> . If of the text box to ma "Equivalency stater ts if changing equiv or PHYS 126 or PH	you need ake it bit nents" stalent Sta	, ENSC 120, MATH 232 and ΓΗ 260 or MATH 310) may be
Spring 20	21			
RATIONAL	<b>E</b> (must be incl	luded)		
This prog	ram change is :	submitted for consisudents that have alr	stency v	e course MATH 310 (3) as MATH 260 (3) vith the new course number, while mpleted MATH 310 as part of their

COURSE SU	ВЈЕСТ	ENSC NUMBER	225	TITLE Microelectronics I
TYPE OF CHA	<b>ANGES.</b> Ple	ease type 'X' for the ap	propriat	e revision(s):
Course number		Units		Prerequisite ⊠
Title		Description		Equivalent □ Statement
indicate adde allows, drag t expand. Pleas specific cours	ed or new t the endpoi se review t se compon	ext using <u>underline</u> . If nt of the text box to ma he "Equivalency stater <u>ents</u> if changing equiv	you nee ake it big nents" s alent sta	changed text using strike through, d to enter more text than the box gger, as it will not automatically ection under Information about atement(s).  Ind (MATH 260 or MATH 310).
		YEAR FOR CHANGES d year (please enter in		x)
Spring 202	1			
RATIONALE	(must be i	ncluded)		
This progra	ım change g credit for	is submitted for consis	stency w	course MATH 310 (3) as MATH 260 (3) with the new course number, while mpleted MATH 310 as part of their

COURSE SU	BJECT	ENSC NUMBER	320	TITLE Electric Circuits II
TYPE OF CH	<b>ANGES.</b> Ple	ase type 'X' for the app	oropria	te revision(s):
Course number		Units		Prerequisite ⊠
Title		Description		Equivalent □ Statement
indicate adde allows, drag expand. Pleas specific cours	ed or new to the endpoin se review tl se compone	ext using <u>underline</u> . If nt of the text box to ma ne "Equivalency staten ents if changing equiv	you nee ake it bi nents" s alent st	r changed text using strike through, ed to enter more text than the box gger, as it will not automatically section under Information about atement(s).  Ind (MATH 260 or MATH 310).
	Summer an	YEAR FOR CHANGES d year (please enter in		x)
RATIONALE	(must be in	ncluded)		
This progra	am change i g credit for	is submitted for consis	stency v	e course MATH 310 (3) as MATH 260 (3) vith the new course number, while mpleted MATH 310 as part of their

COURSE SU	J <b>BJECT</b> EN	ISC NUMBER	324	TITLE Electronic Devices
TYPE OF CH	I <b>ANGES.</b> Pleas	se type 'X' for the ap	propriat	e revision(s):
Course number		Units		Prerequisite ⊠
Title		Description		Equivalent □ Statement
indicate add allows, drag expand. Plea specific cour Prerequisi	ed or new tex the endpoint ise review the rse componen te: (ENSC 220	t using <u>underline</u> . If of the text box to ma "Equivalency stater <u>ts</u> if changing equiv or MSE 250), MATH	you nee ake it big nents" s alent sta I 232, ar	changed text using strike through, d to enter more text than the box ger, as it will not automatically ection under Information about tement(s).  Ind (MATH 260 or MATH 310).
		EAR FOR CHANGES year (please enter in		)
Spring 202	21			
RATIONALE	E (must be inc	luded)		
This progr recognizin	am change is	submitted for consis udents that have alr	stency w	course MATH 310 (3) as MATH 260 (3) ith the new course number, while npleted MATH 310 as part of their

COURSE SU	IBJECT I	ENSC NUMBER	380	TITLE Linear Systems
TYPE OF CH	<b>ANGES.</b> Ple	ase type 'X' for the app	oropria	te revision(s):
Course number		Units		Prerequisite ⊠
Title		Description		Equivalent $\square$ Statement
indicate adde allows, drag expand. Plea specific cour	ed or new to the endpoin se review th se compone te: ENSC 18	ext using <u>underline</u> . If interest of the text box to make "Equivalency statenests if changing equivalents"	you nee ike it bi nents" s alent st 250) an	d <u>(MATH 260 or MATH 310)</u> .
Spring 202		Tyear (piease enter in	textbo	xj
RATIONALE	(must be i	ıcluded)		
This progra	am change i g credit for	s submitted for consis	tency v	e course MATH 310 (3) as MATH 260 (3) vith the new course number, while mpleted MATH 310 as part of their

COURSE SUI	ВЈЕСТ Е	NSC NUMBER	386	TITLE	Introdu Design	iction to Mechanica	
TYPE OF CHA	<b>NGES.</b> Plea	ase type 'X' for the ap	propriate	revision(s):			
Course number		Units		Prere	equisite		
Title		Description		_	ivalent tement		
indicate adde allows, drag th expand. Pleas	<b>WORDING/DESCRIPTION EDITS.</b> 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	e: PHYS 120	O, <u>(MATH 260 or MAT</u>	<u>'H 310)</u> , a	nd (ENSC 282	1 or ENS(	2 385).	
Fall, Spring, S	ummer and	YEAR FOR CHANGES I year (please enter ir					
Spring 2021		alved a d)					
This progra	nent of Ma m change is credit for s	thematics is renumbe s submitted for consis students that have alr	stency wi	th the new co	urse nun	nber, while	

COURSE SUE	ВЈЕСТ	ENSC	NUMBER	470	TITLE	Optical Applica	and Laser Engineering itions
TYPE OF CHA	NGES. P	lease type 'λ	ረ' for the app	oropriate rev	rision(s):		
Course number		Ur	nits		Prere	equisite	$\boxtimes$
Title		D€	escription			ivalent tement	
wording/D indicate added allows, drag the expand. Please specific course	d or new ne endpo e review	text using <u>u</u> oint of the te the "Equiva	inderline. If xt box to ma llency staten	you need to o ke it bigger, nents" sectio	enter mor as it will r n under <u>Ir</u>	e text tha	an the box natically
Prerequisite (MATH 260	-		ınits includi	ng PHYS 121	or 126 or	141, and	i
<b>EFFECTIVE T</b> Fall, Spring, Su							
Spring 2021							
RATIONALE (	must be	included)					
This prograi	n chang credit fo	e is submitte or students t	ed for consis hat have alr	ring the cou stency with the eady comple	he new co	urse nun	

UNDERGRADUATE STUDIES

68

#### **EXISTING COURSE DELETION FORM**

1 OF 1 PAGE

COURSE SUBJECT	MSE	NUMBER 400	TITLE The	Business of Engineering II
RATIONALE (must be	included)			
	`	Business of Engineerin 11W (Project Documen	C , 1	neurship for Engineers) was designed that oup Dynamics).
EFFECTIVE TERM AI Fall, Spring, Summer PLEASE DO THE FOL	and year (enter in	Spring 2021	<u> </u>	]

- 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.					

1 OF 1 PAGE

COURSE SUBJECT	MSE	NUMBER 401W	TITLE Project Documentation and Group Dynamics
RATIONALE (must b	e included)		
•	,	Business of Engineering 00 (The Business of Engineering 1997)	ng II, Entrepreneurship for Engineers) was designed that ngineering II).
EFFECTIVE TERM A Fall, Spring, Summe PLEASE DO THE FO	er and year (enter	Spring 202	1

- 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.

#### **EXISTING COURSE DELETION FORM**

1 OF 1 PAGE

COURSE SUBJECT	MSE	NUMBER	411W	TITLE	Capstone Design Technical Project II
		-			
RATIONALE (must b	e included)				
	ineering II, En	trepreneur			replaced this course. The MSE 405W (The ers the upper division "W" component. MSE
<b>EFFECTIVE TERM A</b> Fall, Spring, Summe			Spring 202	1	
PLEASE DO THE FO	LLOWING:				

- 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.

COURSE SU	ВЈЕСТ	MSE	NUMBER	222	TITLE		ntics and Dynamics of odies and Mechanisms		
TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):									
Course number		Un	its		Prere	equisite	$\boxtimes$		
Title		De	scription		_	ivalent tement			
indicate adde allows, drag t expand. Pleas specific cours	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).								
<b>EFFECTIVE</b> 7 Fall, Spring, S				textbox)					
Spring 202	1								
RATIONALE	(must be	included)							
This progra	ım chang g credit fo	Mathematics e is submitte or students th requirements	d for consist at have alre	ency with th	e new co	urse nun			

COURSE SU	BJECT M	ISE <b>NUMBE</b> F	223		roduction to Fluid chanics				
<b>TYPE OF CHANGES.</b> Please type 'X' for the appropriate revision(s):									
Course number		Units		Prerequis	site ⊠				
Title		Description		Equival Statem					
indicate adde allows, drag t expand. Pleas specific cours	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).								
	Summer and	YEAR FOR CHANGE: I year (please enter in		)					
RATIONALE	(must be in	cluded)							
This progra	nm change is g credit for s	s submitted for consi- ctudents that have alr	stency w	ith the new course					

COURSE S	U <b>BJECT</b> MS	E NUMBER	250	TITLE Electric Circuits I				
<b>TYPE OF CHANGES.</b> Please type 'X' for the appropriate revision(s):								
Course number		Units		Prerequisite ⊠				
Title		Description		Equivalent $\square$ Statement				
indicate add allows, drag expand. Pleaspecific course	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							
EFFECTIVE	TERM AND Y	EAR FOR CHANGES rear (please enter in		x)				
	E (must be incl	uded)						
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 SU	BJECT	MSE NUMBER	280	TITLE Linear Systems				
<b>TYPE OF CHANGES.</b> Please type 'X' for the appropriate revision(s):								
Course number		Units		Prerequisite ⊠				
Title		Description		Equivalent □ Statement				
indicate adde allows, drag expand. Pleas specific cours	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).							
		<b>YEAR FOR CHANGES</b> d year (please enter in		x)				
Spring 202	1							
RATIONALE	(must be in	ncluded)						
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 SU	<b>BJECT</b> S	EE NUMBER	225	TITLE Fluid M	echanics				
<b>TYPE OF CHANGES.</b> Please type 'X' for the appropriate revision(s):									
Course number		Units	□ Prerequisite ⊠						
Title		Description		Equivalent Statement					
allows, drag texpand. Please specific course.  Prerequisit  EFFECTIVE 1	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).								
Spring 202		l year (please enter in	textbox)						
RATIONALE	(must be in	ے دcluded)							
This progra	am change is	thematics is renumbers submitted for consistudents that have alrequirements.	tency with th	ie new course nun	nber, while				

COURSE SU	J <b>BJECT</b> SE	EE NUMBER	230	TITLE Electric Circuits					
TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):									
Course number		Units		Prerequisite 🗵					
Title		Description		Equivalent □ Statement					
indicate adde allows, drag expand. Plea specific cour	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 inc	cluded)							
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 SU	BJECT SE	E NUMBEI	R 251		Electric I Conversi	Machines and Energy ion
TYPE OF CHA	<b>ANGES.</b> Pleas	se type 'X' for the ap	propriato	e revision(s):		
Course number		Units		Prereq	uisite	
Title		Description		_	valent ement	
indicate adde allows, drag to expand. Please specific course.  Prerequisit  EFFECTIVE 7	ed or new tex the endpoint se review the se componen e: SEE 230, S	N EDITS. Indicate de tusing underline. It of the text box to multiple if the text box	f you need lake it big ments" se valent sta O or MATI	d to enter more ger, as it will no ection under Infetement(s).	text than t automa	n the box atically
Spring 202	1	_	II textbox	)		
This progra	ment of Math am change is	nematics is renumb submitted for consi udents that have al	istency w	ith the new cour	rse numl	per, while

# **COURSE MODIFICATION FORM**

Page 1 of 1

COURSE SU	ВЈЕСТ	SEE	NUMBER	351	TITLE	Bioprod Systems	ess Engineering S	
TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):								
Course number		Uı	nits		Prere	equisite		
Title		De	escription		_	ivalent tement		
indicate adde allows, drag t expand. Pleas	<b>WORDING/DESCRIPTION EDITS.</b> 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 <u>Information about</u> <u>specific course components</u> if changing equivalent statement(s).							
Prerequisit	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)								
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.								

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#### FACULTY OF ARTS AND SOCIAL SCIENCES

Office of the Dean

8888 University Drive, Burnaby, BC

TEL 778.782.4416

murraye@sfu.ca

Canada V5A 1S6

FAX 778.782.3033

http://www.sfu.ca/fass.html

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.

Catherine Murray, PhD.

Professor and Associate Dean, Undergraduate Programs and Enrolment Management Faculty of Arts & Social Sciences

murraye@sfu.ca

80 SCUS 20-30b

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 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. (Being offered this Summer.)
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. (We will run this course in Fall 2020.)
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. (Change to HIST/HUM.)
HIST 352	Religion and Politics in Modern Iran	Retain	Retain the course as activing pending it being offered in the near future.
HIST 355	The Arab Middle East in the Twentieth Century	Retain	Retain the course as activing pending it being offered in the near future.
HIST 404	Problems in Early Modern England	Retain	Retain the course as activing pending it being offered in the near future.
HIST 428	Problems in the Social and Economic History of Canada	Retain	Retain the course as activing pending it being offered in the near future.
HIST 430	French Americas	Retain	Retain the course as activing pending it being offered in the near future.
HIST 447W	The Nikkei Experience in North America	Retain	Retain the course as activing pending it being offered in the near future.
HIST 458W	Problems in Latin American Regional History	Retain	Retain the course as activing 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 activing pending it being offered in the near future.
HIST 460	Themes in Byzantine History	Retain	Retain the course as activing pending it being offered in the near future. (Change to HIST/HUM.)
HIST 476	History of Modern Greece	Retain	Retain the course as activing pending it being offered in the near future. (Change to HIST/HUM.)
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. (Offering soon.)
HUM 151	Ancient Greek I	Retain	Retain this course as active pending it being offered in the near future. (Offering soon.)
HUM 202	Great Texts: Renaissance to Modernity	Retain	Retain this course as active pending it being offered in the near future. (Offering soon.)
HUM 204	Great Religious Texts	Retain	Retain this course as active pending it being offered in the near future. (Offering soon.)
HUM 222	Cross-Cultural Perspectives on Art	Retain	Retain this course as active pending it being offered in the near future. (Offering soon.)
IS 209	Latin America: the National Period	Retain	Retain this course as active pending it being offered in the near future. (Anticipate offering again.)
IS 421	The Economics of International Organizations and Development	Retain	Retain this course as active pending it being offered in the near future. (Anticipate offering again.)
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. (Will be taught next term.)
PHIL 358	19th Century Philosophy	Retain	Retain the course as active pending it being offered in the near future. (Will be offered in the near future.)
POL 316	Sex, Love, and Politics	Retain	Retain the course as active pending it being offered in the near future. (Scheduled to be taught in Summer 2021.)
WL 305W	Sages and Poets	Retain	Retain the course as active pending it being offered in the near future. (Will be doing a lot of curricular revisions
WL 308	Travel and Trade	Retain	Retain the course as active pending it being offered in the near future. (Will be doing a lot of curricular revisions
WL 400	Early Literary Cultures	Retain	Retain the course as active pending it being offered in the near future. (Will be doing a lot of curricular revisions
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. (Reactivation coming.)
HIST 437	Fighting for God: Religion, Conflict and the State from	Retain as TW	Retain the course as Temporarily Withdrawn.
	Antiquity to the Crusades (Inactive)		rectain the course as Temporarity withdrawn.
POL 361	Policy Communities and Policy Networks	Retain as TW	Retain the course as Temporarily Withdrawn. (Faculty interest in teaching this course.)
POL 362	Comparative Public Policy	Retain as TW	Retain the course as Temporarily Withdrawn. (Faculty interest in teaching this course.)
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. (Will be doing a lot of curricular revisions.)

WL 430	Selected Topic in World Literature III	Retain as TW	Retain the course as Temporarily Withdrawn. (Will be doing a lot of curricular revisions.)
WL 440	Selected Topic in World Literature IV	Retain as TW	Retain the course as Temporarily Withdrawn. (Will be doing a lot of curricular revisions.)
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	
5.1.210	The retain of the Folk Devils (b)	Withdraw	

SA 245	Cultures and Images (A)	Temporarily	
		Withdraw	
SA 418	Global Health: Humanitarian Encounters (A)	Temporarily	
SA 410	Global Health. Humanitarian Encounters (A)	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	
SFAIN 304		Withdraw	

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T: 778.782.8797 F: 778.782.8788 www.fenv.sfu.ca

Simon Fraser. University TASC2 8800 8888 University Drive Burnaby, BC Canada V5A 1S6

#### **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:

ARCH 450 and ARCH 451

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

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 instructors' 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 pending it being offered in the near future:

ARCH 428, ARCH 451

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,

Dr. Paul Kingsbury

Associate Dean, Undergraduate, Faculty of Environment

# **COURSE MODIFICATION FORM**

Page 1 of 2

COURSE SU	ВЈЕСТ	EVSC	NUMBER	490W	TITLE	Enviror II	nmental Science Thesis	
TYPE OF CHA	<b>TYPE OF CHANGES.</b> Please type 'X' for the appropriate revision(s):							
Course number		Uı	nits		Prere	equisite		
Title		De	escription		-	iivalent itement		
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 2022	L							

### **COURSE MODIFICATION FORM**

Page 2 of 2

### **RATIONALE** (must be included)

UNDERGRADUATE STUDIES

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.

Page 1 of 2

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SFU	SENATE COMMITTEE ON UNDERGRADUATE STUDIES

COURSE SU	вјест [	GEOG NUMBER	356	TITLE   3D Geovisualization					
<b>TYPE OF CHANGES.</b> Please type 'X' for the appropriate revision(s):									
Course number		Units		Prerequisite $\square$					
Title		Description	$\boxtimes$	Equivalent $\square$ Statement					
indicate adde allows, drag t expand. Pleas	<b>WORDING/DESCRIPTION EDITS.</b> 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 <u>Information about specific course components</u> if changing equivalent statement(s).								
GEOG 356 -	GEOG 356 – 3D <del>Geovisualization</del> <u>GIScience</u> (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.

90 SCUS 20-30d



# FACULTY OF HEALTH SCIENCES

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# **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)