

#### OFFICE OF THE ASSOCIATE VICE-PRESIDENT, ACADEMIC

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MEMORANDUM

ATTENTION

Senate

DATE

September 10, 2021

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FROM

Wade Parkhouse, Chair

PAGES

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Senate Committee on

**Undergraduate Studies** 

RE:

Course Changes (SCUS 21-59)

#### For information:

Acting under delegated authority at its meeting of September 9, 2021 SCUS approved the following curriculum revisions effective Summer 2022.

### a. Faculty of Applied Sciences

- 1. School of Computing Science
  - (i) Deletion of CMPT 127
- 2. School of Mechatronic Systems Engineering
  - (i) Prerequisite change for MSE 498
- 3. School of Sustainable Energy Engineering
  - (i) Prerequisite change for SEE 464

#### b. Beedie School of Business

(i) Title, description and prerequisite change for BUS 417 (Fall 2022)

### c. Faculty of Communication, Art and Technology

- 1. School for the Contemporary Arts
  - (i) Title and description change for CA 306 and 406 (Fall 2022)

### d. Faculty of Environment

- 1. Department of Geography
  - (i) Title and description change for GEOG 362 and 362W

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>.



### **EXISTING COURSE DELETION FORM**

1 OF 1 PAGE

COURSE SUBJECT	cmpt	NUMBER 127	TITLE Compu	ting Laboratory (3)
RATIONALE (must b	e included)			
		0	ne standard 2-course progent) will be absorbed in o	gramming sequence: cmpt 120 and cmpt cmpt 120 and cmpt 125.
<b>EFFECTIVE TERM A</b> Fall, Spring, Summe		Cuman	ner 2022	
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:

Applied Physics Honours Applied Physics Major Mathematical Physics Honours Physics Honours Physics 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 SU	BJECT MS	NUMBER NUMBER	498	TITLE	Mechatronic Systems Engineering Thesis Propos
TYPE OF CHA	<b>ANGES.</b> Please	e type 'X' for the ap	propriate	revision(s):	
Course number		Units		Prer	equisite X
Title		Description		-	uivalent 🗆 atement
indicate adde allows, drag t expand.Please specific cours	d or new text he endpoint of the review the " the component		you need t ake it bigg nents" sect alent state	o enter mor er, as it will tion under <u>I</u> ment(s).	nformation about
Fall, Spring, S Summer 20  RATIONALE( In order to	ummer and y  22  [must be inclusive students	advanced time to p	n textbox)	nors degree	, the completed number of
credit units	is decreased	to 100.			





TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):  Course	COURSE SUBJ	ЕСТ	SEE	NUMBER	464	TITLE	Energy Systems Modeling f Buildings
NORDING/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).  Introduction to modeling energy systems for buildings, focusing on envelope and mechanical systems, and their effects on energy use. Using the applicable codes and standards to define schedules for the buildings, calculate heating and cooling loads, and set sustainability targets. Applying industry standard software to model, and experiment with innovative methods to enhance energy use, and reach sustainability targets. Prerequisite: SEE 352, SEE 324 and SEE 310 or MSE-321.  MSE students who completed MSE 321 can take this course upon approval of the course instructor.  EFFECTIVE TERM AND YEAR FOR CHANGES Fall, Spring, Summer and year (please enter in textbox)  Summer 2022  RATIONALE (must be included)  The material required for the course is covered in SEE 352 in more depth, compared to S.	TYPE OF CHAN	GES. I	Please type	e 'X' for the app	oropriate rev	rision(s):	
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).  Introduction to modeling energy systems for buildings, focusing on envelope and mechanical systems, and their effects on energy use. Using the applicable codes and standards to define schedules for the buildings, calculate heating and cooling loads, and set sustainability targets. Applying industry standard software to model, and experiment with innovative methods to enhance energy use, and reach sustainability targets. Prerequisite: SEE 352, SEE 324 and SEE 310 or MSE 321.  MSE students who completed MSE 321 can take this course upon approval of the course instructor.  EFFECTIVE TERM AND YEAR FOR CHANGES Fall, Spring, Summer and year (please enter in textbox)  Summer 2022  RATIONALE (must be included)  The material required for the course is covered in SEE 352 in more depth, compared to S.				Units		Prere	equisite 🗵
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).  Introduction to modeling energy systems for buildings, focusing on envelope and mechanical systems, and their effects on energy use. Using the applicable codes and standards to define schedules for the buildings, calculate heating and cooling loads, and set sustainability targets. Applying industry standard software to model, and experiment with innovative methods to enhance energy use, and reach sustainability targets. Prerequisite: <u>SEE 352</u> , SEE 324 and SEE 310 or <u>MSE 321</u> .  MSE students who completed MSE 321 can take this course upon approval of the course instructor.  EFFECTIVE TERM AND YEAR FOR CHANGES Fall, Spring, Summer and year (please enter in textbox)  Summer 2022  RATIONALE (must be included)  The material required for the course is covered in SEE 352 in more depth, compared to S.	Title			Description		_	
RATIONALE (must be included)  The material required for the course is covered in SEE 352 in more depth, compared to Si	mechanical sy and standards loads, and set and experime sustainability MSE students course instruc	stems to de sustai nt wit target who c ctor.	s, and their fine sched inability ta h innovati ts. Prerequ completed	r effects on energy and the burgets. Applying the methods to hisite: SEE 352 MSE 321 can to	ergy use. Using ildings, calcurated industry statements of the control of the con	ng the appulate heat andard so ergy use, a d SEE 310	olicable codes ing and cooling oftware to model, and reach o <del>or MSE 321.</del>
The material required for the course is covered in SEE 352 in more depth, compared to S	Summer 2022	2					
224.	The material				red in SEE 35	52 in mor	e depth, compared to SEE
	224.						



# COURSE MODIFICATION FORM

COURSE SU	J <b>BJECT</b> BU	JS NUMBER	417	TITLE Security Analysis
TYPE OF CH	ANGES. Pleas	se type 'X' for the ap	propriate	revision(s):
Course number		Units		Prerequisite ⊠
Title	$\boxtimes$	Description	$\boxtimes$	Equivalent □ Statement
indicate addiallows, drag expand. Plea specific cour Equity:  Covers the valuation of securities; security valuation of the security was both with a security and security was security and security was	ed or new tex the endpoint se review the se componen  Security A  historical, the of equity secu valuation of fit a minimum gr	t using underline. If of the text box to me "Equivalency states if changing equivalency states if changing equivalence and practic rities. Three general ixed income securititopics in portfolio me rade of C-; 60 units.	you need ake it bigg ments" see valent state al issues it areas areas; valuation anagement recomme	changed text using strike through, to enter more text than the box ger, as it will not automatically ction under Information about ement(s).  Involved in the market e studied: history of equity securities int. Prerequisite: BUS 315, 360W, anded: BUS 221. Students who have not take BUS 417 for further credit.
		<b>EAR FOR CHANGE</b> : year (please enter in		
	(must be inc	luded)		
will be spli	it into two cou			hen this occurs the content of BUS 417 analysis (BUS 417) and one for fixed



# COURSE MODIFICATION FORM

COURSE SU	BJECT	CA NUMBER	306	TITLE	Interns Arts I	hip in Contemporary		
TYPE OF CH	ANGES.	Please type 'X' for the ap	propriate rev	rision(s):				
Course number		Units		Prere	equisite			
Title	$\boxtimes$	Description	X		ivalent tement			
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).  Internship in Contemporary Arts I  Practicum in Contemporary Arts I  This-course is I Intended for advanced students to gain hands-on learning experience with an arts organization. This can include artist run centres, film festivals, media arts or performance venues, galleries, museums, and arts publications. The student's time in the internship practicum should total 80 hours, to be carried out over the course of a term. Students are also required to reflect on their learning through participation in a Canvas course. Internships Practicums can involve research, writing, organizing events, curating exhibitions and programs, studio apprenticeships, public relations, media production, archiving, and related activities. A written report is produced by the student at the conclusion of the internship practicum. This course cannot be repeated for credit.								
Fall, Spring, S	Summer	ND YEAR FOR CHANGES and year (please enter in						
FALL 2022								



### RATIONALE (must be included)

The new name differentiates between our existing unpaid and proposed paid Work Integrated Learning (WIL) courses in a way that is consistent with SFU course coding conventions.

**INT –** Work – Internship: Hands on learning experience in the field or industry; non-coop; generally unpaid

**PRA** – Work – Practicum: Hands on learning experience in the field or industry; non-coop; generally unpaid

This change will reduce student confusion by making the naming of our undergraduate level WIL courses consistent with our graduate WIL courses.





COURSE SUBJE	CT CA	NUMBER	406	TITLE	Interns Arts II	hip in Contemporary
TYPE OF CHANG	GES. Please typ	oe 'X' for the app	propriate revi	ision(s):		
Course l		Units		Prere	equisite	
Title [		Description	X	-	iivalent itement	
festivals, medications. In hours, to be careflect of their practicums cannot be made programs	ontemporary ontemporary ontemporary ontemporary on the intemporary of the intemporary of the arts or per arried out over the intemporary of the in	changing equivalents II Arts II or advanced stuganization. The formance venions time in the interpretation of the course of	idents to gains can include ues, galleries ternship praction in a Cart, organizing ublic relation	in hands le artist is, museu acticum s udents a vas cous events, ns, medi	-on learn run cent ims, and should to re also re rse. <del>Inte</del> curating	ning cres, film arts otal 120 equired to rnships g exhibitions ction,
EFFECTIVE TERN Fall, Spring, Summ						



### RATIONALE (must be included)

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Summer 2022

# COURSE MODIFICATION FORM

COURSE SU	<b>BJECT</b> GEO	G NUMBER	362	TITLE Geography of Urban Built Environments				
TYPE OF CHA	<b>NGES.</b> Please	type 'X' for the ap	propriate rev	ision(s):				
Course number		Units		Prerequisite $\square$				
Title		Description		Equivalent $\square$ 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).  TITLE: Geography of Urban Built Environments Gentrification & urban change  Current concepts and approaches in urban geography regarding the development of built environments. Central concerns are the relationships between urbanization and the state, capital, and civil society at various scales.  Contemporary cases and conceptualizations of gentrification and related processes of urban change. Central themes include: political, economic, social, and cultural manifestations of gentrification: class, gender, and racialization: the role of development, planning, architecture, the arts, and resistance movements; and gentrification's global geographies. Prerequisite: At least 45 units, including GEOG 100. Students with credit for GEOG 362W may not take this course for further credit.								
		<b>AR FOR CHANGES</b> ear (please enter in						





SENATE COMMITTEE ON UNDERGRADUATE STUDIES

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

Title change: To better reflect the changing context of the course, which has been adjusted to address students' interests and needs.

Description change: Reflects the way the course is developing to address students' interests in recent years. The key underlying themes of the course, relating to the political, social, and economic factors shaping change in urban built environments, remain the same. But the new description reflects a shift toward framing these themes in and through gentrification as a pressing urban phenomenon, about which students are very concerned.





COURSE SUB	JECT	GEOG NUMBER	362V	TITLE	Geogra Enviror	phy of Urban nments	Built	
TYPE OF CHAI	NGES.	Please type 'X' for the app	oropriat	e revision(s):				
Course number		Units		Prere	equisite			
Title		Description	$\boxtimes$	7	iivalent tement			
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).  TITLE: Geography of Urban Built Environments Gentrification & urban change  Current concepts and approaches in urban geography regarding the development of built environments. Central concerns are the relationships between urbanization and the state, capital, and civil society at various scales.  Contemporary cases and conceptualizations of gentrification and related processes of urban change. Central themes include: political, economic, social, and cultural manifestations of gentrification: class, gender, and racialization: the role of development, planning, architecture, the arts, and resistance movements; and gentrification's global geographies. Prerequisite: At least 45 units, including GEOG 100. Students with credit for GEOG 362 may not take this course for further credit. Writing.								
Summer 202		and year (please enter in	textbo	K)				





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

Title change: To better reflect the changing context of the course, which has been adjusted to address students' interests and needs.

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