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MEMORANDUM

ATTENTION	Senate	**DATE**	September 10, 2021
FROM	Wade Parkhouse, Chair Senate Committee on Undergraduate Studies	**PAGES**	1/2
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 https://docushare.sfu.ca/dsweb/View/Collection-12682.

SFU

SENATE COMMITTEE ON UNDERGRADUATE STUDIES

EXISTING COURSE DELETION FORM

COURSE SUBJECT cmpt **NUMBER** 127 **TITLE** Computing Laboratory (3)

RATIONALE (must be included)

We're removing cmpt 127, and going back to the standard 2-course programming sequence: cmpt 120 and cmpt 125. The material of cmpt 127 (the lab component) will be absorbed in cmpt 120 and cmpt 125.

EFFECTIVE TERM AND YEAR FOR CHANGES
Fall, Spring, Summer and year (enter in textbox) Summer 2022

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:

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.

SFU SENATE COMMITTEE ON UNDERGRADUATE STUDIES

COURSE MODIFICATION FORM

COURSE SUBJECT	MSE	NUMBER	498	TITLE	Mechatronic Systems Engineering Thesis Proposal

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

Course number	☐	Units	☐	Prerequisite	X
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: At least ~~115~~ 100 units or permission of the academic supervisor.

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

Summer 2022

RATIONALE(must be included)

In order to give students advanced time to plan for honors degree, the completed number of credit units is decreased to 100.

SFU SENATE COMMITTEE ON UNDERGRADUATE STUDIES

COURSE MODIFICATION FORM

COURSE SUBJECT	SEE	NUMBER	464	TITLE	Energy Systems Modeling for Buildings

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).

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 SEE 224.

SFU SENATE COMMITTEE ON UNDERGRADUATE STUDIES

COURSE MODIFICATION FORM

COURSE SUBJECT BUS **NUMBER** 417 **TITLE** Security Analysis

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).

Equity Security Analysis BUS 417 (3)

Covers the historical, theoretical and practical issues involved in the market valuation of equity securities. Three general areas are studied: history of equity securities; ~~valuation of fixed income securities;~~ ~~valuation~~ theory of equity ~~securities~~ security valuation; and topics in portfolio management. Prerequisite: BUS 315, 360W, both with a minimum grade of C-; 60 units. ~~Recommended: BUS 221.~~ Students who have taken BUS 492 under the topic Security Analysis may not take BUS 417 for further credit.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2022

RATIONALE (must be included)

BUS 417 moves from 4 to 3 credits in Spring 2022. When this occurs the content of BUS 417 will be split into two courses – one for equity security analysis (BUS 417) and one for fixed income securities (new course BUS 411).

SFU SENATE COMMITTEE ON UNDERGRADUATE STUDIES

COURSE MODIFICATION FORM

COURSE SUBJECT CA **NUMBER** 306 **TITLE** Internship in Contemporary Arts I

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).

~~Internship~~ in Contemporary Arts I
Practicum in Contemporary Arts I

~~This course is~~ ~~I~~ ~~I~~ntended 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.

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

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.

SFU SENATE COMMITTEE ON UNDERGRADUATE STUDIES

COURSE MODIFICATION FORM

COURSE SUBJECT	CA	NUMBER	406	TITLE	Internship in Contemporary Arts 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).

~~Internship~~ in Contemporary Arts II
Practicum in Contemporary Arts II

~~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 120 hours, to be carried out over the course of a term. Students are also required to reflect ~~o~~ 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. This course can be repeated once for credit.

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

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.

SFU SENATE COMMITTEE ON UNDERGRADUATE STUDIES

COURSE MODIFICATION FORM

COURSE SUBJECT	GEOG	NUMBER	362	TITLE	Geography of Urban Built Environments

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).

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.

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

Summer 2022

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.

SFU SENATE COMMITTEE ON UNDERGRADUATE STUDIES

COURSE MODIFICATION FORM

COURSE SUBJECT	GEOG	NUMBER	362W	TITLE	Geography of Urban Built Environments

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).

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.

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

Summer 2022

SFU SENATE COMMITTEE ON UNDERGRADUATE STUDIES

COURSE MODIFICATION FORM

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.