

OFFICE OF THE PROVOST AND VICE-PRESIDENT, ACADEMIC

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MEMORANDUM —			
ATTENTION	Senate	DATE	May 3, 2024
FROM	Peter Hall, Chair	PAGES	1/2
RE:	Senate Committee on Undergradua Studies Course Changes (SCUS 24-48)	2 c *	

For information:

Acting under delegated authority at its meeting of May 2, 2024 SCUS approved the following curriculum revisions effective Spring 2025.

a. Faculty of Applied Sciences

- 1. School of Computing Science
 - (i) Prerequisite changes for CMPT 403, 431, 433, 454, 471 and 479
- 2. School of Engineering Science
 - (i) Prerequisite change for ENSC 428
- 3. School of Mechatronic Systems Engineering
 - (i) Prerequisite changes to MSE 405W
- 4. School of Sustainable Energy Engineering
 - (i) Description changes to SEE 324

b. Faculty of Arts and Social Sciences

- 1. Office of the Dean
 - (i) Equivalent statement changes for FASS 223, 224 and 225

2. Department of English

(i) Description changes for ENGL 204

3. Department of Psychology (Fall 2025)

(i) Removal of WQB designations for:

- B-Soc designation for PSYC 106, Psychological Issues in Contemporary Society
- B-Sci designation and W designation for PSYC 109W, Brain, Mind and Society
- Q designation for PSYC 201W, Introduction to Research Methods in Psychology
- B-Soc designation for PSYC 260, Introduction to Social Psychology
- Q designation for PSYC 410, Research Design I
- Q designation for PSYC 411, Research Design II

c. Beedie School of Business

(i) Prerequisite change to BUS 203

(ii) Title and description change to BUS 466

d. Faculty of Environment

- 1. Department of Archaeology
 - (i) Course number and units change for ARCH 485

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

SFU	SENATE COMMITT UNDERGRADUATE			COURSE MODIFICATION FORM Page 1 of 2
COURSE SU	J BJECT CM	IPT NUMBER	403	TITLE System Security and Privacy (3)
TYPE OF CH	ANGES. Pleas	e type 'X' for the app	propriate rev	sion(s):
Course number		Units		Prerequisite 🖂
Title		Description		Equivalent 🗆 Statement
indicate add allows, drag expand. Plea	ed or new tex the endpoint se review the	t using <u>underline</u> . If <u>y</u> of the text box to ma	you need to e ke it bigger, a nents" section	ged text using strike through , nter more text than the box as it will not automatically a under <u>Information about</u> nt(s).

Starting from cybersecurity principles, students will learn to protect systems from attacks on data confidentiality, integrity, system availability, and user privacy. By modeling system security, students will learn to find weaknesses in software, hardware, networks, data storage systems, and the Internet, and identify current security practices to protect these systems. Prerequisite: <u>CMPT 201 or</u> CMPT 300, with a minimum grade of C-.

EFFECTIVE TERM AND YEAR FOR CHANGES

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



Page 2 of 2

RATIONALE (must be included)

SFU	SENATE COMMIT UNDERGRADUAT		COURSE MODIFICATION Pag	FORM e 1 of 2
COURSE S	CUBJECT C	MPT NUMBER 43	1 TITLE Distributed Systems (3))
TYPE OF C	HANGES. Plea	se type 'X' for the appropri	ate revision(s):	
Course number		Units 🗌	Prerequisite 🛛	
Title		Description	Equivalent 🗆 Statement	
indicate ad allows, drag expand. Ple <u>specific cou</u> An introd compone from clien studies of to-peer sy distribute with a mi	ded or new te: g the endpoint ase review the arse component fuction to distribute the connected of real network ystems. Hands ed system. Pre nimum grade	et using <u>underline</u> . If you n c of the text box to make it l e "Equivalency statements" <u>ats</u> if changing equivalent s ributed systems: systems c over a network. Architectu eer-to-peer. Distributed sys file systems, replicated sys -on experience designing a requisite: <u>(CMPT 201 or C</u> I	or changed text using strike through, eed to enter more text than the box bigger, as it will not automatically ' section under <u>Information about</u> statement(s). onsisting of multiple physical ures of such systems, ranging stems are analyzed via case stems, sensor networks and peer- und implementing a complex MPT 300 <u>) and CMPT</u> 371, both for CMPT 401 before September	

EFFECTIVE TERM AND YEAR FOR CHANGES

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



Page 2 of 2

RATIONALE (must be included)

SFU	SENATE COMMIT UNDERGRADUATE			COURSE MOD	IFICATION FORM Page 1 of 2
COURSE SU	J BJECT CN	1PT NUMBER	4 33	TITLE Embedded	Systems (3)
TYPE OF CH	ANGES. Pleas	se type 'X' for the ap	propriate re	evision(s):	
Course number		Units		Prerequisite 🗵]
Title		Description		Equivalent 🗆 Statement]
indicate add allows, drag expand. Plea	ed or new tex the endpoint se review the	t using <u>underline</u> . If of the text box to ma	you need to ake it biggen nents" secti	anged text using strike enter more text than t r, as it will not automati on under <u>Information a</u> nent(s).	he box cally

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: <u>(CMPT 201 or CMPT 300) and CMPT 295 and CMPT 300</u>, with a minimum grade of C-.

EFFECTIVE TERM AND YEAR FOR CHANGES

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



Page 2 of 2

RATIONALE (must be included)

	Inits		ision(s):	Databas	se Systems II ((3)
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			Prere	quisite	\boxtimes	
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	escription		-	ivalent tement		
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trol, transactic d a set of select ts, such as obje ns, deductive d	on processing, ted topics bas ct-oriented da atabase syste	distributed o ed on the new ata models ar ms, and secu	database w develog nd system rity and	systems a oments ar ns, extend	nd led	
	new text using ndpoint of the t view the "Equiv <u>mponents</u> if ch urse on databas ntrol, transactio d a set of select sts, such as obje ns, deductive d	new text using <u>underline</u> . If y ndpoint of the text box to ma view the "Equivalency statem <u>mponents</u> if changing equiva urse on database systems wh ntrol, transaction processing, id a set of selected topics bas its, such as object-oriented da ns, deductive database system	new text using <u>underline</u> . If you need to endpoint of the text box to make it bigger, a view the "Equivalency statements" section <u>mponents</u> if changing equivalent statements are on database systems which covers createrol, transaction processing, distributed of a set of selected topics based on the new sets, such as object-oriented data models are ns, deductive database systems, and secure	new text using <u>underline</u> . If you need to enter mor ndpoint of the text box to make it bigger, as it will r view the "Equivalency statements" section under <u>In mponents</u> if changing equivalent statement(s). urse on database systems which covers crash recover ntrol, transaction processing, distributed database and a set of selected topics based on the new develop ets, such as object-oriented data models and system ns, deductive database systems, and security and	new text using <u>underline</u> . If you need to enter more text that indpoint of the text box to make it bigger, as it will not autom view the "Equivalency statements" section under <u>Informatic</u> <u>inponents</u> if changing equivalent statement(s). urse on database systems which covers crash recovery, introl, transaction processing, distributed database systems and a set of selected topics based on the new developments and its, such as object-oriented data models and systems, extend ns, deductive database systems, and security and	urse on database systems which covers crash recovery, ntrol, transaction processing, distributed database systems as the id a set of selected topics based on the new developments and its, such as object-oriented data models and systems, extended

EFFECTIVE TERM AND YEAR FOR CHANGES

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



RATIONALE (must be included)

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SFU		MMITTEE ON DUATE STUDIES	COURSE MODIFICATION FORM Page 1 of 2				
COURSE S	UBJECT	CMPT NUMBER	471	TITLE Networ	king II (3)		
TYPE OF CH	HANGES.	Please type 'X' for the app	propriate rev	ision(s):			
Course number		Units		Prerequisite	\boxtimes		
Title		Description		Equivalent Statement			
indicate add	led or nev	PTION EDITS. Indicate de w text using <u>underline</u> . If point of the text box to ma	you need to e	enter more text tha	in 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).

This course covers the fundamentals of higher level network functionality such as remote procedure/object calls, name/address resolution, network file systems, network security and high speed connectivity/bridging/switching. Prerequisite: <u>(CMPT 201 or CMPT 300)</u> and <u>CMPT 371</u>, with a minimum grade of C-.

EFFECTIVE TERM AND YEAR FOR CHANGES

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



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RATIONALE (must be included)

SFU		MMITTEE ON DUATE STUDIES		COURSE MODIFICATION FORM Page 1 of 2				
COURSE SU	JBJECT	CMPT NUMBER	479	TITLE Special System	Topics in Computing			
TYPE OF CH	ANGES.	Please type 'X' for the ap	propriate rev	rision(s):				
Course number		Units		Prerequisite	\boxtimes			
Title		Description		Equivalent Statement				

Current topics in computing systems depending on faculty and student interest. Prerequisite: <u>CMPT 201 or</u> CMPT 300, with a minimum grade of C-.

EFFECTIVE TERM AND YEAR FOR CHANGES

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



RATIONALE (must be included)

Page 2 of 2

SFU	SENATE COMMITT UNDERGRADUATE			COURSE MODIFICATION FOR Page 1 of	
COURSE SU	J BJECT EN	SC NUMBER	428	TITLE Digital Communication	
TYPE OF CH	IANGES. Pleas	e type 'X' for the ap	propriate rev	ision(s):	
Course number		Units		Prerequisite 🛛	
Title		Description		Equivalent 🗌 Statement	

This course will cover the physical-layer design issues in digital communication systems. The major topics covered are: information measures and the notion of channel capacity; link budgets; digital modulation techniques, including the signal space concept and optimal detectors, error performance in noise, suboptimal detectors, pulse shaping, synchronization, and equalization; error control techniques such as block and conventional codes, as well as comparisons between FEC and ARQ. Laboratory work is included in this course. Prerequisite: ENSC 327 with a minimum grade of C- and a minimum of 80 units.

(ENSC 380 or MSE 280 or SEE 341) and ENSC 280, all with a minimum grade of C-. Students who completed STAT 270 prior to Spring 2015 may use STAT 270 instead of ENSC 280.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

RATIONALE (must be included)

After passing ENSC 327, students have to wait one year to enroll in ENSC 428 if ENSC 428 is offered in Spring. This can seriously delay some students' graduation, as I know it from a student's request to waive this prerequisite in the past.

Topics of ENSC 428 can be understood based on a student's knowledge of ENSC 280 and ENSC 380 contents, even without additional experience gained from ENSC 327.

This change will help students plan their course work and also help ENSC schedule the course, as this provides more flexibility.

CELL	SENATE COM	COURSE MODIFICATION FOR							
SFU	U N D E R G R A I	UATE STUDIES					Page 1 of 2		
COURSE	SUBJECT	MSE	NUMBER	405W	TITLE		iness of Engineering II, eneurship for rs		
TYPE OF (C HANGES. H	Please type 'X	' for the app	ropriate revi	sion(s):				
Course number		Un	its		Prere	quisite	\boxtimes		
Title		De	scription		-	ivalent tement			

Prerequisite: MSE 300 or ENSC 311. MSE 300 may be taken concurrently.

EFFECTIVE TERM AND YEAR FOR CHANGES

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



Page 2 of 2

RATIONALE (must be included)

ENSC 311 was last ran in 2012. The content from MSE 300 is reviewed in MSE 405W and the timing of material aligns with taking it as a co-req or a pre-req.

CELL	SENATE CO	MMITTEE ON			CO	URSE MO	ODIFICATION FOR	М
SFU	UNDERGRA	DUATE STUDIES					Page 1 of	1
COURSE SU	JBJECT	SEE	NUMBER	324	TITLE		d Mass Transfer for Engineering	
TYPE OF CH	ANGES.	Please type 'X	' for the app	ropriate revi	ision(s):			
Course number		Un	its		Prere	quisite		
Title		De	scription	\boxtimes	-	ivalent tement		
	DECOID	TION FDITS	Indicata dal	otod or char	and toxt	ucing stril	ko through	

Introduces the basic principles of heat and mass transfer with analysis and application to real-world sustainable energy systems. Provides the basic principles of heat and mass transfer with analysis and application to real-world sustainable energy systems. Governing relationships for conduction, free and forced convection, and radiation will be explained and then applied to solve practical problems. Practical application of theory (e.g. heat exchanger design) will be introduced.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2025

RATIONALE (must be included)

This is to address discrepancies between what is shared with the students as course outline and what appears on the calendar.

0.011	SENATE CO	MMITTEE ON	COURSE MODIFICATION FORM							
N EI I		DUATE STUDIES					Page 1 of 1			
COURSE SU	IBJECT	FASS	NUMBER	223	TITLE		Topics in the Arts and ciences: Working with			
TYPE OF CH	ANGES.	Please type 'X	' for the app	ropriate revi	ision(s):					
Course number		Un	its		Prere	quisite				
Title		De	scription		-	ivalent tement	\boxtimes			

Prerequisite: 15 units. Students with credit for FASS 204, or FASS 206, or FASS 212 may not take this course for further credit unless a different topic is offered.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2025

RATIONALE (must be included)

FASS 212 was not included in the list of courses restricting students from taking it for further credit.

	COURSE MODIFICATION FORM								
SFU	N D E R G R A D	UATE STUDIES					Page 1 of 1		
COURSE SUE	BJECT	FASS	NUMBER	224	TITLE	Diversit	tanding Equity, ty and Inclusion in Arts ial Sciences		
TYPE OF CHA	NGES. F	Please type 'X'	for the app	ropriate revi	sion(s):				
Course number		Un	its		Prere	quisite			
Title		De	scription		-	ivalent tement	\boxtimes		

Prerequisite: 15 units. Students with credit for FASS 207 or FASS 212 FASS 214 may not take this course for further credit unless a different topic is offered.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2025

RATIONALE (must be included)

FASS 214 should have been in the list of courses restricting students from taking it for further credit and not FASS 212.

CELL	SENATE CON	IMITTEE ON	COURSE MODIFICATION FORM						
SFU	U N D E R G R A D	UATE STUDIES					Page 1 of 1		
COURSE SU	BJECT	FASS	NUMBER	225	TITLE		Topics in Basic Data s in the Arts and Social s		
TYPE OF CHA	TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):								
Course number		Uni	its		Prere	quisite			
Title		Des	scription		-	ivalent tement	\boxtimes		

Prerequisite: 15 units. Students with credit for <u>FASS 208</u>, FASS 210, or FASS 211 may not take this course for further credit unless a different topic is offered.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2025

RATIONALE (must be included)

FASS 208 was not included in the list of courses restricting students from taking it for further credit.

SFU	SENATE COMMITTEE UNDERGRADUATE S'			COURSE MODIFICATION FORM Page 1 of 2		
COURSE S	U BJECT ENG	L NUMBER	204	TITLE Reading Sexuality and Gender		
TYPE OF CH	IANGES. Please	type 'X' for the apj	propriate re	vision(s):		
Course number		Units		Prerequisite 🗆		
Title		Description		Equivalent 🗆 Statement		

Considers how sexuality and gender are articulated, understood, explored, and negotiated through literature and language. May be further organized by historical period, genre, or critical approach. This course may be repeated for credit if a different topic is taught. Prerequisite: 12 units or one 100-division English course. Breadth-Humanities.

EFFECTIVE TERM AND YEAR FOR CHANGES

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



RATIONALE (must be included)

This course is taught by different professors in very different ways. We would like students who have taken it with one professor to be able to take it with a different professor with a very different topic.





Dr. M. Sigal 8888 University Drive, Burnaby, BC Canada V5A 1S6

MEMORANDUM -

ATTENT	Senate Committee on Undergraduate Studies	DATE	2024/02/28
FROM	Dr. Matthew Sigal, Associate Chair of Undergraduate	PAGE	1 of 1
	Studies in Psychology		
RE:	Removal of WQB Designation		

At its meeting on February 15th 2024, the Faculty of Psychology Undergraduate Curriculum Committee discussed the status of our Writing, Quantitative, and/or Breadth (WQB) offerings. A vote was held on February 22nd 2024, and it was approved to remove the WQB designations from the below listed courses:

- PSYC 106: B-Soc
- PSYC 109W: B-Sci
- PSYC 109W: W
- PSYC 201W: Q
- PSYC 260: B-Soc
- PSYC 410: Q
- PSYC 411: Q

The above courses were infrequently offered (PSYC 106 and PSYC 109), the certification was not serving the intended purposes (PSYC 260), the course does not meet the new parameters for the certification (PSYC 201), or the certifications were redundant given the program requirements (PSYC 410 and PSYC 411).

If any further commentary is required, please let me know.

Sincerely

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Dr. Matthew Sigal Associate Chair of Undergraduate Studies Department of Psychology Simon Fraser University

COURSE SU	BJECT BL	JS NUMBER	203	TITLE	Professional Development – Launch (1)
ГҮРЕ ОГ СН	ANGES. Pleas	se type 'X' for the ap	propriate re	evision(s):	
Course number		Units		Prere	equisite 🛛
Title		Description			ivalent 🗌 tement
indicate adde allows, drag 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 stater <u>ts</u> if changing equiv	you need to ake it bigger nents" secti	o enter mor r, as it will r on under <u>Ir</u>	not automatically

BUS 203 - Professional Development - Launch (1)

Equips students with crucial skills and insights for navigating and excelling in any professional field. It emphasizes career and self-growth, effective communication, and professionalism. In collaboration with SFU Beedie Career and Student Services, it combines instruction and hands-on experiences to provide a deep understanding of strategies and tactics essential for personal and career development. Students must obtain a P grade to successfully complete this course. Prerequisite: This course is only open to approved business administration majors admitted to the faculty through the BBA major - high school or transfer stream in Fall 2022 and onward. <u>Corequisite: BUS 201 or BUS 202</u>, with a minimum grade <u>of C-</u>. Students with credit for BUS 100 may not take this course for further credit.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2025

RATIONALE (must be included)

Students are required to take BUS 203 with BUS 201/202 and the corequisite on both BUS 203 and BUS 201/202 ensures students enroll in both at the beginning of their BBA experience.

SCUS 24-48c

SFU	SENATE COMMITT UNDERGRADUATE			COURSE MODIFICATION FORM Page 1 of 1
COURSE SU	J BJECT BU	S NUMBER	466	TITLE Web-Enabled Business (3)
TYPE OF CH	ANGES. Pleas	e type 'X' for the ap	propriate	e revision(s):
Course number		Units		Prerequisite 🗆
Title	\boxtimes	Description	\boxtimes	Equivalent 🗆 Statement
indicate add	ed or new tex	t using <u>underline</u> . If	you need	changed text using strike through , l to enter more text than the box ger, 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).

BUS 466 - Web-Enabled Business Web-enabled Business and Emerging Technologies (3)

Explores strategic issues and technologies in contemporary web-based business, from the evolution of business applications on the Internet through to contemporary Open Source and Web 2.0 applications. In depth exploration of new technology and business applications related to these technologies. Students will gain insights into leveraging emerging technologies for businesses through indepth exploration of business applications related to these technologies. Prerequisite: BUS 237, BUS 360W, BUS 362, all with a minimum grade of C-; 60 units.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2025

RATIONALE (must be included)

Title and course description change more accurately reflects the course's focus on webenabled business practices and emerging technologies that are becoming increasingly important in today's business landscape.

				SCUS	24-48d
SFU	SENATE COMMITT	YEE ON		COURSE MODIFICAT	ION FORM
360	U N D E R G R A D U A T E	STUDIES			Page 1 of 2
COURSE SU	J BJECT AR	CH NUMBER	485	TITLE Lithic Technology	
TYPE OF CH	IANGES. Pleas	e type 'X' for the ap	propriate ro	vision(s):	
Course number	\boxtimes	Units	\boxtimes	Prerequisite 🗌	
Title		Description		Equivalent 🛛 Statement	

Course Number: ARCH 485 382

EFFECTIVE TERM AND YEAR FOR CHANGES

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



RATIONALE (must be included)

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The proposed course number and unit value brings Lithic Technology in line with other archaeology upper division lab courses. The majority of our lab courses have been reduced from 5 to 4 units over the last few years to facilitate student success and reduce the number of required contact hours.