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MEMORANDUM

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

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 Sciences1. 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 Sciences1. 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 <https://docushare.sfu.ca/dsweb/View/Collection-12682>.

COURSE SUBJECT	CMPT	NUMBER	403	TITLE	System Security and Privacy (3)
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input checked="" type="checkbox"/>
Title	<input type="checkbox"/>	Description	<input type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

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).

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: CMPT 201 or ~~CMPT 300~~ with a minimum grade of C-.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2025



RATIONALE (must be included)

Introduction of new (required) course CMPT 201 which covers the material covered in CMPT 300 required for the prerequisite.



COURSE SUBJECT NUMBER TITLE

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

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input checked="" type="checkbox"/>
Title	<input type="checkbox"/>	Description	<input type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

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An introduction to distributed systems: systems consisting of multiple physical components connected over a network. Architectures of such systems, ranging from client-server to peer-to-peer. Distributed systems are analyzed via case studies of real network file systems, replicated systems, sensor networks and peer-to-peer systems. Hands-on experience designing and implementing a complex distributed system. Prerequisite: (CMPT 201 or CMPT 300) and CMPT 371, both with a minimum grade of C-. Students with credit for CMPT 401 before September 2008 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)

Introduction of new (required) course CMPT 201 which covers the material covered in CMPT 300 required for the prerequisite.

COURSE SUBJECT NUMBER TITLE

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

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input checked="" type="checkbox"/>
Title	<input type="checkbox"/>	Description	<input type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

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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 201](#) or [CMPT 300](#)) and ~~CMPT 295 and 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)

Introduction of new (required) course CMPT 201 which covers the material covered in CMPT 300 required for the prerequisite.

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

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

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input checked="" type="checkbox"/>
Title	<input type="checkbox"/>	Description	<input type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

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An advanced course on database systems which covers crash recovery, concurrency control, transaction processing, distributed database systems as the core material and a set of selected topics based on the new developments and research interests, such as object-oriented data models and systems, extended relational systems, deductive database systems, and security and integrity. Prerequisite: CMPT 201 or CMPT 300 and CMPT 354, 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)

Introduction of new (required) course CMPT 201 which covers the material covered in CMPT 300 required for the prerequisite.

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

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

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input checked="" type="checkbox"/>
Title	<input type="checkbox"/>	Description	<input type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

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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: CMPT 201 or CMPT 300 and CMPT 371, 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)

Introduction of new (required) course CMPT 201 which covers the material covered in CMPT 300 required for the prerequisite.



COURSE SUBJECT	CMPT	NUMBER	479	TITLE	Special Topics in Computing Systems (3)
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input checked="" type="checkbox"/>
Title	<input type="checkbox"/>	Description	<input type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

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).

Current topics in computing systems depending on faculty and student interest.
 Prerequisite: (~~CMPT 201~~ or ~~CMPT 300~~) with a minimum grade of C-.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2025



RATIONALE (must be included)

Introduction of new (required) course CMPT 201 which covers the material covered in CMPT 300 required for the prerequisite.

COURSE SUBJECT NUMBER TITLE

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

Course number Units Prerequisite
 Title Description Equivalent Statement

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using strike-through, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

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.



COURSE SUBJECT	MSE	NUMBER	405W	TITLE	The Business of Engineering II, Entrepreneurship for Engineers
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input checked="" type="checkbox"/>
Title	<input type="checkbox"/>	Description	<input type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

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 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)

Spring 2025

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.

COURSE SUBJECT	SEE	NUMBER	324	TITLE	Heat and Mass Transfer for Energy Engineering
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input type="checkbox"/>	Description	<input checked="" type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

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).

~~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.



COURSE SUBJECT	FASS	NUMBER	223	TITLE	Special Topics in the Arts and Social Sciences: Working with Others
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input type="checkbox"/>	Description	<input type="checkbox"/>	Equivalent Statement	<input checked="" type="checkbox"/>

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: 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 SUBJECT	FASS	NUMBER	224	TITLE	Understanding Equity, Diversity and Inclusion in Arts and Social Sciences
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input type="checkbox"/>	Description	<input type="checkbox"/>	Equivalent Statement	<input checked="" type="checkbox"/>

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: 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.



COURSE SUBJECT	FASS	NUMBER	225	TITLE	Special Topics in Basic Data Analysis in the Arts and Social Sciences
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input type="checkbox"/>	Description	<input type="checkbox"/>	Equivalent Statement	<input checked="" type="checkbox"/>

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: 15 units. Students with credit for FASS 208, 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.

COURSE SUBJECT ENGL **NUMBER** 204 **TITLE** Reading Sexuality and Gender

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

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input type="checkbox"/>	Description	<input checked="" type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

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).

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)

Spring 2025



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

ATTENTION 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 109: B-Sci
- PSYC 109: W
- PSYC 201: 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,

A handwritten signature in black ink, appearing to read "Matthew Sigal".

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



COURSE SUBJECT	BUS	NUMBER	203	TITLE	Professional Development - Launch (1)
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input type="checkbox"/>	Units	<input type="checkbox"/>	Prerequisite	<input checked="" type="checkbox"/>
Title	<input type="checkbox"/>	Description	<input type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

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).

BUS 203 - Professional Development - Launch (1)

This course 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, and corequisite: BUS 201 or BUS 202 with a minimum grade of C-. 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.

COURSE SUBJECT NUMBER TITLE

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

Course number Units Prerequisite
 Title Description Equivalent Statement

WORDING/DESCRIPTION EDITS. Indicate deleted or changed text using strike-through, indicate added or new text using underline. If you need to enter more text than the box allows, drag the endpoint of the text box to make it bigger, as it will not automatically expand. Please review the "Equivalency statements" section under [Information about specific course components](#) if changing equivalent statement(s).

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 in-depth 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)

RATIONALE (must be included)

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

COURSE SUBJECT NUMBER TITLE

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

Course number	<input checked="" type="checkbox"/>	Units	<input checked="" type="checkbox"/>	Prerequisite	<input type="checkbox"/>
Title	<input type="checkbox"/>	Description	<input type="checkbox"/>	Equivalent Statement	<input type="checkbox"/>

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).

Course Number: ARCH ~~485~~ 382

Units: ~~5~~ 4

EFFECTIVE TERM AND YEAR FOR CHANGES

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

RATIONALE (must be included)

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.