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MEMORANDUM

ATTENTION Senate
FROM Paul Kingsbury, Vice-Chair
Senate Committee on Undergraduate Studies
RE: Course Changes (SCUS 25-93)

DATE June 6, 2025

PAGES 1/2

For information:

Acting under delegated authority at its meeting of June 5, 2025 SCUS approved the following curriculum revisions effective Spring 2026.

a. Faculty of Applied Sciences

1. School of Computing Science

- (i) Prerequisite changes for CMPT 379
- (ii) Prerequisite changes for MACM 101

b. Beedie School of Business

- (i) Equivalent statement changes for BUS 207 (*Fall 2025*)
- (ii) Title and description change for BUS 314
- (iii) Prerequisite change for BUS 360W (*Fall 2025*)
- (iv) Description changes for BUS 313 and 412
- (v) Prerequisite changes for BUS 418

c. Faculty of Communication, Art and Technology

1. School of Communication

- (i) Title and description change for CMNS 326
- (ii) Title, description and prerequisite change for CMNS 358

2. School of Interactive Arts and Technology

- (i) Units change for IAT 313, 339, 340, 351, 355, 360, 432, and 452
- (ii) Units change for IAT 438 and 443 (*Fall 2026*)

d. Faculty of Education

- (i) Title and description change for EDUC 311

e. Faculty of Environment

1. School of Environmental Science

- (i) Description, prerequisite, and equivalent statement change for EVSC 300

f. Faculty of Health Sciences

- (i) Prerequisite changes for: HSCI 326, 440, and 442

g. Faculty of Science

1. Department of Earth Sciences (*Fall 2026*)

- (i) Description changes for EASC 106
- (ii) Title and description change for EASC 107
- (iii) Prerequisite changes for EASC 201, 204, 205, 206, 302, 312, 402, 410, 420, and 421
- (iv) Description and equivalent statement change for EASC 209W
- (v) Description, prerequisite and equivalent statement change for EASC 307
- (vi) Prerequisite and equivalent statement change for EASC 308, 309, and 310
- (vii) Equivalent statement changes for EASC 315

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** 379 **TITLE** Principles of Compiler Design

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 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 or CMPT 210), (CMPT 295 or ~~ENSC 254~~ ENSC 215) and CMPT 225, all with a minimum grade of C-.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2026

RATIONALE (must be included)

ENSC 215 has not been offered since 2014. ENSC 254 covers the relevant prerequisite material.

COURSE SUBJECT MACM NUMBER 101 TITLE Discrete Mathematics I

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).

Introduction to graph theory, trees, induction, automata theory, formal reasoning, modular arithmetic. Prerequisite: ~~BC Math 12~~ BC Pre-Calculus 12 or BC Calculus 12 (or equivalent), or any of MATH 100, 150, 151, 154, 157. Quantitative/Breadth-Science.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2026



RATIONALE (must be included)

This is a clarification not a change. Math 12 Pre-Calculus or Calculus is required for CS.

COURSE SUBJECT	BUS	NUMBER	207	TITLE	Managerial Economics
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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).

Emphasis is upon the relevance of economic models to business decision-making and, in particular, upon the rational analysis of choice alternatives within the firm. Course will include consideration of optimizing techniques and analysis of risk, demand, production and profit in addition to examination of long-term investment decisions and business forecasting. Prerequisite: ECON 103 or ECON 113, ECON 105 or ECON 115, MATH 157, all with a minimum grade of C-; 15 units. ~~Students with credit for ECON 201 may not take this course for further credit.~~ Quantitative.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2025

RATIONALE (must be included)

Currently, students with credit for ECON 201 are unable to take BUS 207 for further credit. This poses a challenge for students who first attempt ECON 201 to fulfill lower division business requirements and obtain a "D" grade. Due to the one-way equivalency, students are forced to re-attempt ECON 201 to fulfill their degree requirements rather attempt BUS 207, which may be better suited for degree progression. Additionally, students who attempt ECON 201 and receive "F" grade and are permitted to complete BUS 207 for further credit, penalizing those who receive a "D" grade rather than an "F" grade.

Removal of the one-way equivalency would support and improve options for students to complete their program requirements.

COURSE SUBJECT **BUS** NUMBER **314** TITLE **Resourcing New Ventures**

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 checked="" 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).

Resourcing New Ventures-Financial Foundations for Entrepreneurs (3)

~~Start-up and early-stage ventures have particular financial challenges associated with the uncertain and unproven nature of the project. This course analyzes how entrepreneurs and their financial backers can spot, create and manage value. Topics covered include opportunity recognition, cash flow forecasting, valuation methodologies, financial contracts, and careful negotiations. Various sources are considered for start-up capital (private debt, angel financiers, venture capitalists, development banks), and different strategies are considered for harvesting or exiting (initial public offerings, merger, acquisition, leveraged buy-out, shut down) a venture.~~ Start-up and early-stage ventures face unique financial challenges due to their uncertain and unproven nature. This course equips students with the financial decision-making skills and practical tools needed to launch and grow new ventures. Topics include funding strategies, bootstrapping versus external capital, co-founder compensation, valuation, investor expectations, governance, and cash flow management. Prerequisite: BUS 238 or BUS 240, with a minimum grade of C- and 45 units; OR business administration minor students admitted Fall 2025 - onwards with BUS 240 with a minimum grade of C- and 45 units.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2026

RATIONALE (must be included)

This course remains fundamentally the same, but it is being refined as we map out the journey students should take through the Innovation and Entrepreneurship concentration. These revisions are part of a broader review of all our I&E courses. Specifically, there are three key motivations driving the proposed changes to this course:

1. We have found that there was some overlap in the content covered in BUS 314 and its prerequisites, in particular in opportunity identification and value creation. The revised course content assumes that students have acquired this knowledge in the prerequisite courses and focuses on developing and managing the venture's financial resources.
2. Students taking the course has demonstrated a weak understanding of how basic accounting principles and in particular cash flow management are applied in the new venture context. We feel that this is a significant gap, and we have an opportunity to equip students with these applied financial management skills.
3. Our newest Innovation & Entrepreneurship Faculty recruit, Anna Lukkarinen, will teach the next section of the course in Spring 2026 and we would like the course to reflect her ideas for the course. She and the current instructor, Andrew Harries, have closely collaborated in developing these course revisions.

COURSE SUBJECT	BUS	NUMBER	360W	TITLE	Business Communication
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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).

Helps students develop professional writing- and speaking-based communication strategies they can confidently adapt to a wide range of business situations. The course aims to raise their communication performance to a professionally acceptable level, rather than to memorize or theorize about communication knowledge: this is a "learn-by-doing" course. Students will improve their ability to conceptualize, analyze/evaluate, synthesize, and apply information to guide their thinking and finished products across various business contexts. As teamwork is a fundamental skill valued by employers, students will participate in a major team project to learn about and apply best practices for collaboration with respect to professional business communication. The primary means of instruction and learning is guided practice in both writing and presenting in response to realistic business contexts. Instruction and assessment focus on both the process of creating professional, finished products, as well as the quality of those products. Prerequisite: This course is open to students admitted ~~prior to Fall 2014 to the business administration major, honours, or second degree program and who have 45 units, OR to students admitted Fall 2014 – Summer 2017 to the business administration major, honours, or second degree program and who have 45 units and BUS 130 or (BUS 201 or BUS 202) or BUS 301, with a minimum grade of C-, OR to students admitted Fall 2017 – Summer 2022 to the business administration major, honours, or second degree program and who have 45 units and BUS 130 or (BUS 201 or BUS 202) or BUS 301, and BUS 217W, both with a minimum grade of C-, OR to students admitted Fall 2022 onwards to the business administration major, honours, or second degree program, and who have 45 units; BUS 217W and (BUS 201 or BUS 202), both with a minimum grade of C-; and Corequisite: BUS 300, OR to business administration joint major or joint honours students with BUS 217W with a minimum grade of C- and 45 units, OR to business and economics joint major students with ECON 220W with a minimum grade of C- and 45 units, OR to mechatronic systems engineering and business administration double degree students with 45 units, OR to management systems science or actuarial science majors with 45 units~~ OR to data science major with BUS 217W with a minimum grade of C- and 45 units. Students who have taken BUS 360 may not take this course for further credit. Writing.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

FALL 2025

RATIONALE (must be included)

BUS 360W has a number of pre-requisites listed, which differ depending on term in which a student was admitted to the program.

The pre-req language has been reviewed to remove outdated pre-requisite information and to exclude programs which should no longer have course access.

COURSE SUBJECT BUS **NUMBER** 313 **TITLE** Corporate Finance**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).

Corporate financial management decisions and valuation methods. Topics include investment decisions, financing decisions, capital structure policy, payout policy, and valuation of investment projects and firms. ~~Students may repeat this course for further credit.~~ Prerequisite: BUS 312, BUS 207 or ECON 201, all with a minimum grade of C- and 45 units. Students with credit for BUS 413 may not take this course for further credit.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2026

RATIONALE (must be included)

Repeat for credit was checked on course proposal. This course should not have this option. Course description to be updated. This is the first term a student would have had the option to repeat, by removing Spring 2026 there will be no impact.

COURSE SUBJECT	BUS	NUMBER	412	TITLE	Advanced Corporate Finance
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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).

Corporate decisions in the context of financial markets. Topics include: mergers and acquisitions, corporate governance, real asset investments, financing alternatives, dividend policy, working capital management, and corporate securities valuation. ~~Students may repeat this course for further credit.~~
Prerequisite: BUS 313, BUS 315, and BUS 360W, 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 2026

RATIONALE (must be included)

Repeat for credit was checked on course proposal. This course should not have this option. Course description to be updated. This is the first term a student would have had the option to repeat, by removing Spring 2026 there will be no impact.

COURSE SUBJECT	BUS	NUMBER	418	TITLE	International Financial Management
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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).

An introduction to international financial markets and institutions and to the management of assets and liabilities in an international/multinational setting. Topics to be covered include: exchange rate determination and management of foreign exchange risk; interest rate swaps; international portfolio management; comparative markets; and country risk. Prerequisite: BUS 315 and, ~~(BUS 316 or BUS 313)~~, BUS 360W, ~~all~~ both with a minimum grade of C-; 60 units.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2026

RATIONALE (must be included)

BUS 313 should be removed as a prerequisite from BUS 418 as it is not relevant to the course learning outcomes.



COURSE SUBJECT	CMNS	NUMBER	326	TITLE	Applied Media Workshop: On the Hill
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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 checked="" 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).

Existing title: ~~Applied Media Workshop: On the Hill~~

New title: Video Podcast Journalism

Existing Description: ~~This laboratory course provides an opportunity for students to produce the School of Communication's web-based news magazine and documentary program 'On The Hill'. Students will draw on their understanding of public communication in democracies and media analysis skills to create new and innovative visual and aural journalism. In addition, students will learn to build teamwork skills as they produce segments for the shows in groups. The course seminars will emphasize communication design, and the social and ethical issues which arise when working with documentary and news material for public dissemination.~~

New Description:

This is a media analysis and production course that takes students through the theory, design and practice of video storytelling and the contemporary genre of video podcasts. We combine lectures and labs to provide students with the opportunity to produce a School of Communication video podcast. This course critically deconstructs and analyzes existing content as well as develops the skills and techniques need for video podcast journalism.



EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2026

RATIONALE (must be included)

Changes reflect a shift in pedagogy towards video podcasting models of digital storytelling that breaks from traditional documentary video or news production. This is already the approach of the course so the new title and description will better reflect its design. This change also assists in the course's findability and student-facing course design.

COURSE SUBJECT	CMNS	NUMBER	358	TITLE	Sound Recording: Theory and Design
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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 checked="" 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).

Existing title: ~~Sound Recording: Theory and Design~~

New title: Audio Media Design

Existing Description: ~~An intermediate level studio workshop to develop the student's skills in sound production with an understanding of the communicational implications of sound design. Audio theory and its applications in both the digital and analog formats will be presented, along with practical studio techniques for stereo and multi-channel sound production. Prerequisites: CMNS 258 (or equivalent) with a minimum grade of C- or approval of instructor.~~

New Description:

This is an intermediate level production course that develops student's skills in the analysis and production of audio media. Acoustic theory, history of audio technologies and media, sound production methods, and cultural implications are presented in lectures with applied studio techniques developed in labs. Prerequisites: CMNS 258 with a minimum grade of C- or approval of instructor.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2026

RATIONALE (must be included)

Where initially the course was designed to focus on analysis, it has for some time evolved to feature a more major audio media design project that students complete in the end after layering the different techniques they learn in various assignments. The title and description change will best reflect the newer focus of the course and better communicate to students what to expect and what the course will be about.

May 12, 2025

SIAT is putting forward a common change to our 300 and 400-level course unit counts. Exempting the intensive graduation project course (IAT-499) all 300 and 400-level courses will have a common unit count of 4 and a workload consistent with a 4-unit course. This change is in response to:

1. Inconsistent workload expectations between different upper-division SIAT courses makes it difficult for students to plan their workload for the term.
2. Students have been noted avoiding enrolling in 3-unit courses to maintain a manageable courseload given the high teamwork and workload requirements of many of our 4-unit courses.
3. Students looking to complete their graduation requirements are finding they are frequently missing one or two units of upper division courses towards their graduation requirements, for which they then are required to take a course that is larger than needed to complete their graduation requirements.
4. We would like to ensure a consistent workload to courses within our concentrations. We only have three 6-unit courses IAT-443: Senior Project in Creative Media, IAT-438: User Experience Design and IAT-499: Graduation Project. Both IAT-443 and IAT-438 exist as part of our concentrations. IAT-499 exists as a 'capstone' course, and we believe this should remain the one exception as a 6-unit course as the workload should remain higher.

This change will allow all lower-division courses to remain 3-unit in workload, and our upper-division courses to move to a consistent 4-unit workload (exempting IAT-499). To also avoid the scenario described above – where students end up with 1-2 units short of requirements – we are adjusting our upper-division graduation requirements from requiring 30 units of IAT courses (8-10 courses) to 32 units (8 courses).

The shift from 3-to-4 units is slated for Spring 2026 to reduce the issues in points 1-3 above for students sooner. To avoid complications for students planning their final year at SIAT the shift from 6-to-4 units will occur in Fall 2026 to allow for more notification.



Andrew Hawryshkewich
SIAT Undergraduate Curriculum Chair

COURSE SUBJECT	IAT	NUMBER	313	TITLE	Narrative and New Media
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input 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).

Narrative and New Media ~~(3)~~ (4)

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2026

RATIONALE (must be included)

Please see attached memo for rationale for this change.

COURSE SUBJECT	IAT	NUMBER	339	TITLE	Web Design and Development
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input 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).

Web Design and Development ~~(3)~~ (4)

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2026

RATIONALE (must be included)

Please see attached memo for rationale for this change.

COURSE SUBJECT IAT **NUMBER** 340 **TITLE** Sound Design**TYPE OF CHANGES.** Please type 'X' for the appropriate revision(s):

Course number	<input 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).

Sound Design ~~(3)~~ (4)**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2026

RATIONALE (must be included)

Please see attached memo for rationale for this change.

COURSE SUBJECT	IAT	NUMBER	351	TITLE	Advanced Human-Computer Interaction
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input 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).

Advanced Human-Computer Interaction ~~(3)~~ (4)

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2026

RATIONALE (must be included)

Please see attached memo for rationale for this change.

COURSE SUBJECT IAT **NUMBER** 355 **TITLE** Introduction to Visual Analytics

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

Course number	<input 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).

Introduction to Visual Analytics ~~(3)~~ (4)

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2026

RATIONALE (must be included)

Please see attached memo for rationale for this change.

COURSE SUBJECT	IAT	NUMBER	360	TITLE	Exploring Artificial Intelligence: Its Use, Concepts, and Impact
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input 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).

Exploring Artificial Intelligence: Its Use, Concepts, and Impact ~~(3)~~ (4)

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2026

RATIONALE (must be included)

Please see attached memo for rationale for this change.

COURSE SUBJECT IAT **NUMBER** 432 **TITLE** Design Evaluation**TYPE OF CHANGES.** Please type 'X' for the appropriate revision(s):

Course number	<input 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).

Design Evaluation ~~(3)~~ (4)**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2026

RATIONALE (must be included)

Please see attached memo for rationale for this change.



COURSE SUBJECT	IAT	NUMBER	452	TITLE	Developing Evidence-Based Interfaces
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input 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).

Developing Evidence-Based Interfaces ~~(3)~~ (4)

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2026

RATIONALE (must be included)

Please see attached memo for rationale for this change.

Please note that the changes on the following pages should occur in Fall 2026.

COURSE SUBJECT	IAT	NUMBER	438	TITLE	User Experience Design
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input 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).

User Experience Design ~~(6)~~ (4)

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2026

RATIONALE (must be included)

Please see attached memo for rationale for this change **but note that this change is slated for Fall 2026 *instead of* Spring 2026 like the majority of the changes.**

COURSE SUBJECT	IAT	NUMBER	443	TITLE	Senior Project in Creative Media
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TYPE OF CHANGES. Please type 'X' for the appropriate revision(s):

Course number	<input 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).

Senior Project in Creative Media ~~(6)~~ (4)

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2026

RATIONALE (must be included)

Please see attached memo for rationale for this change **but note that this change is slated for Fall 2026 *instead* of Spring 2026 like the majority of the changes.**



COURSE SUBJECT	EDUC	NUMBER	311	TITLE	Foundations in Indigenous Education, Language, and Culture
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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 checked="" 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).

Course name: ~~Foundations in Indigenous Education, Language, and Culture~~
Indigenous Knowledges, Languages, and Cultures

Calendar Description: ~~An introduction to Indigenous education in Canada and BC. There will be a critical examination of historical and contemporary issues in education and an exploration of culturally based Indigenous education grounded in Indigenous philosophies.~~

An exploration of Indigenous knowledges, languages, and cultures from the geographic region that is currently known as Canada with a specific focus on what is currently British Columbia. Considerations and implications for teaching practices in educational environments will also be explored.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2026

RATIONALE (must be included)

During the review of the existing Indigenous education course in our faculty, I noticed the calendar description did not reflect the current course title which included references to *Indigenous* language; Indigenous languages were not included in the calendar description. As there is an existing Indigenous Languages Program at SFU (in the Faculty of Arts and Social Sciences), I do not believe there is a need to develop a dedicated Indigenous language course for our faculty; however, Indigenous languages are taught in BC schools and thus should be included in our programming for educators. Therefore, we propose changing the calendar description to include specific references to Indigenous languages. We also removed the reference to "Introduction" as this is a 300-level course.

While reviewing the proposed calendar description changes, it was also noted that the title was general and did not reflect current practices in our province. Thus, we also propose changing the title to pluralize Languages and Cultures to reflect the diversity of Indigenous peoples and we propose changing Indigenous Education to Indigenous Knowledges to increase the specificity in the title.



COURSE SUBJECT	EVSC	NUMBER	300	TITLE	Seminar in Environmental Science
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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 checked="" 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).

EVSC 300 - Seminar in Environmental Science (3)
Provides ~~Environmental Science~~ students the opportunity to investigate an environmental science topic in depth, through lecture and bi-weekly guest speakers from diverse sectors (academia, government, industry and NGOs). Prerequisite: 45 units or permission of the instructor. ~~EVSC 201W. Students with credit for EVSC 399 or EVSC 499 may not take this course for further credit.~~

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2026



RATIONALE (must be included)

The description is slightly modified to clarify that the course is not only for EVSC students.. The prerequisites are being changed to make the course more accessible to students. The statement with regards to EVSC 399 and EVSC 499 is being removed as it has been a very long time since those courses have been offered.



COURSE SUBJECT HSCI **NUMBER** 326 **TITLE** Introduction to the Immune System

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: MBB 231 with a minimum grade of ~~C-~~ C. Students with credit for HSCI 426, MBB 426 or MBB 326 may not take this course for further credit.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2026



RATIONALE (must be included)

The change will match the prerequisite for MBB 326, which is a cross-listed course with HSCI 326.

COURSE SUBJECT	HSCI	NUMBER	440	TITLE	Cell Pathophysiology Laboratory
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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).

A review of pathophysiological mechanisms of disease with an emphasis on the molecular, cellular and genetic bases of pathology. Laboratory includes cell-biology experiments, histological preparations, and microscopic examination of normal and diseased tissues. Prerequisite: HSCI 321, HSCI 323, and one of HSCI 336, BISC 357, MBB 308, or MBB 309W, all with a minimum grade of C-.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2026

RATIONALE (must be included)

HSCI 336 was designed and introduced into our curriculum in 2022 to better scaffold skills and knowledge necessary for the 400-level lab courses in the BSc Life Sciences (LS) major in the Faculty of Health Sciences. In particular, HSCI 336 emphasizes animal cell culture techniques which are used extensively in the 400-level laboratory courses (HSCI 440 Cell Pathophysiology Laboratory, HSCI 441 Virology Laboratory, HSCI 442 Immunology Laboratory). We added the course as a selective for our BSc LS program (along with various other courses from MBB and BISC) and by also adding this as a prerequisite to the aforementioned labs, are fulfilling our initial scaffolding and learning purpose.

COURSE SUBJECT HSCI **NUMBER** 442 **TITLE** Immunology Laboratory**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).

Laboratory methods in immunology. Focus on the vertebrate immune system and the molecular and cellular principles underlying immune recognition. Experimental methods designed to combine serology, biochemistry, molecular biology, cell biology and genetics as a basis for understanding immunological aspects of health and disease. Prerequisite: HSCI 326 or MBB 326, and one of HSCI 336, BISC 303, BISC 357, MBB 308, or MBB 309W, all with a minimum grade of C-.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2026

RATIONALE (must be included)

HSCI 336 was designed and introduced into our curriculum in 2022 to better scaffold skills and knowledge necessary for the 400-level lab courses in the BSc Life Sciences (LS) major in the Faculty of Health Sciences. In particular, HSCI 336 emphasizes animal cell culture techniques which are used extensively in the 400-level laboratory courses (HSCI 440 Cell Pathophysiology Laboratory, HSCI 441 Virology Laboratory, HSCI 442 Immunology Laboratory). We added the course as a selective for our BSc LS program (along with various other courses from MBB and BISC) and by also adding this as a prerequisite to the aforementioned labs, are fulfilling our initial scaffolding and learning purpose.

COURSE SUBJECT	EASC	NUMBER	106	TITLE	Earth Through Time
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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).

An introduction to the changes that the Earth has experienced, from its initial formation to the present day, ~~intended for non-majors~~. Topics include changes in plate tectonic style, mountain building periods, glaciations during Earth history, formation of life, the fossil record and evolution, major extinctions, and the rise of man. ~~Students may not take EASC 106 for credit towards EASC major or minor program requirements.~~ Breadth-Science.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2026

RATIONALE (must be included)

EASC 210 is being deleted and replaced with EASC 106 in the programs. Text deleted to reflect that EASC 106 may be used towards program requirements. EASC 106 (three 1-hour lectures) covers the same material as EASC 210 (one 2-hour lecture and one 3-hour lab). Aspects of the lab for EASC 210 are incorporated into EASC 106 (e.g., exercises on relative age dating and lithostratigraphic correlation), making these courses effectively equivalent. To reduce redundancy, the proposed course changes address the deletion of EASC 210 and the inclusion of EASC 106 in the programs. EASC 210 will be temporarily withdrawn from the calendar.

COURSE SUBJECT	EASC	NUMBER	107	TITLE	Economic Geological Resources
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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 checked="" 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).

~~Economic Geological Resources~~ Geological Resources, Environment and Society
Short title : Geological Resources & Society

An overview of Earth's major geological ~~economic~~ resources. ~~Topics will include geologic processes which produce significant natural resources including critical minerals, metals, hydrocarbons and other energy resources, industrial minerals, and groundwater. How are these resources formed? How have methods of exploration and extraction changed, and how might they continue to evolve? Emphasis will be placed on~~ How is resource development tied to relations between earth sciences and aspects of economics, business, history, politics, and environmental issues? Much of the focus will be on the changing nature of resource exploration and extraction, and how this may evolve in the near to distant future. Students may not use EASC 107 for credit towards Earth Sciences major or minor program requirements. Breadth-Science.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2026

RATIONALE (must be included)

Economic Geological Resources is a Science Breadth course. This course emphasizes the environmental and societal impacts of geologic resource development, which should be reflected in the title of the course. The word "economic" is misleading because the course does not have an economics focus, rather certain geological resources are of economic interest for development. Additional changes have been made to the course description to reduce length.

COURSE SUBJECT

EASC

NUMBER

201

TITLE

Stratigraphy and
Sedimentation**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).

Prerequisite: EASC 101 with a grade of C- or better. ~~EASC 210~~ EASC 106 recommended.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2026

RATIONALE (must be included)

EASC 210 is being deleted and replaced with EASC 106 in the major program. The prerequisite change reflects this.

COURSE SUBJECT	EASC	NUMBER	204	TITLE	Structural Geology I
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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: EASC 101, ~~PHYS 101 or 120 or 125 or 140.~~ All with a grade of C- or better.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2026

RATIONALE (must be included)

The Department of Earth Sciences critically reviewed all course prerequisites to determine whether they are necessary. A first-year physics course is not required for successful completion of EASC 204, which focuses on geological structures.

COURSE SUBJECT	EASC	NUMBER	205	TITLE	Introduction to Petrology
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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: EASC 202, and CHEM 122, and one of: ~~(PHYS 102 and PHYS 133), (PHYS 121 and PHYS 133), (PHYS 126 and PHYS 133) or (PHYS 141).~~ All both with a grade of C- or better.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2026

RATIONALE (must be included)

The Department of Earth Sciences critically reviewed all course prerequisites to determine whether they are necessary. First year physics is not needed for successful completion of EASC 205, which focuses on identifying minerals in thin section using a microscope.

COURSE SUBJECT	EASC	NUMBER	206	TITLE	Field Geology I
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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: EASC 101 with a minimum grade of C- or better. Corequisite: ~~EASC 210~~ EASC 106.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2026

RATIONALE (must be included)

EASC 210 is being deleted and replaced with EASC 106 in the Major/Honours program, hence the substitution of EASC 106 for EASC 210 as the corequisite. EASC 101 is added as a prerequisite because this course was a prerequisite for EASC 210. Students still require EASC 101 for this field school.

COURSE SUBJECT	EASC	NUMBER	302	TITLE	Sedimentary Petrology
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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: ~~STAT 201 or 270~~, EASC 201 and 205, All both with a grade of C- or better.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2026

RATIONALE (must be included)

A statistics course is no longer required for the successful completion of EASC 302.

COURSE SUBJECT	EASC	NUMBER	312	TITLE	Stratigraphy
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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: EASC 201 and 204, ~~Recommended: EASC 206, 302. All both~~ with a grade of C- or better.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2026

RATIONALE (must be included)

EASC 206 (Field Geology 1) and EASC 302 (Sedimentary Petrology) are not required for the successful completion of EASC 312.

COURSE SUBJECT	EASC	NUMBER	402	TITLE	Sedimentology
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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: ~~EASC 302~~ EASC 201 with a grade of C- or better.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2026

RATIONALE (must be included)

EASC 302 focuses on sedimentary petrology, which is not required for successful completion of EASC 402 (Sedimentology). The more appropriate prerequisite is EASC 201 (Stratigraphy and Sedimentation).

COURSE SUBJECT	EASC	NUMBER	410	TITLE	Groundwater Contamination and Transport
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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: ~~EASC 315W or EASC 412~~. All EASC 304 with a grade of C- or better.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2026

RATIONALE (must be included)

EASC 410 focuses contamination, their transport in groundwater, and how groundwater can be remediated. Only a background in physical hydrogeology (EASC 304) is needed, not EASC 315 (Geochemistry of Natural Waters).

Removal of EASC 412 (old EASC 315) as an equivalent, as the course has not been taught since Fall 2010.

COURSE SUBJECT EASC **NUMBER** 420 **TITLE** Energy Geosystems**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: EASC 302 or EASC 402, ~~EASC 312, and EASC 304~~. All with a grade of C- or better. Recommended: EASC 304.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2026

RATIONALE (must be included)

EASC 420 focusses on energy geosystems (e.g. hydrocarbon reservoirs, CO2 sequestration), which requires at least one course related to sedimentary geology (EASC 302 – Sedimentary Petrology or EASC 402 – Sedimentology). Both of these courses are required for the Geology Stream. EASC 312 (Stratigraphy) is an elective and is not as relevant as EASC 402.

EASC 304 (Hydrogeology) would be helpful for understanding subsurface fluid flow, but is not necessary for this course.

COURSE SUBJECT	EASC	NUMBER	421	TITLE	Volcanology
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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).

~~Corequisite:~~ or Prerequisite: EASC 301 with a grade of C- or better. ~~EASC 207~~ EASC 307 recommended.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2026

RATIONALE (must be included)

EASC 307 will replace EASC 207 in the Major/Honours programs and EASC 207 will be deleted from the programs.

COURSE SUBJECT EASC **NUMBER** 209W **TITLE** Environmental Geoscience

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 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).

~~Environmental geology is a branch of Earth science that deals with the relationship of people to their geological habitat. Topics covered will include including environmental impacts of mineral extraction and logging; erosion and sedimentation in rural and urban environments; and mass movements landslides, rockfalls and snow avalanches in mountainous terrain; wildfires affecting the urban-forest interface; natural and anthropogenic impacts to water quality; earthquakes and tsunamis; and cascading risk.~~ Explore the our The course includes two 1-day field trips that usually occur on Saturdays. This course is primarily designed for EASC program students and those pursuing degrees in other Departments and Faculties that require a strong foundational course in Environmental Geoscience. Prerequisite: EASC 101 with a grade of C- or better. ~~Students with credits for EASC 303W may not take this course for credit.~~ Writing.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2026

RATIONALE (must be included)

The course description has been reduced in length, while providing more specifics about course content. The course may be of interest to students who are not pursuing degrees in geoscience. The equivalent statement has been removed, as EASC 303W has not be taught for over 10 years.

COURSE SUBJECT **EASC** NUMBER **307** TITLE **Applied Geophysics**

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 checked="" 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).

~~Application, instrumentation and limitations~~ Geophysical principles and methods of gravimetric, magnetic, electrical, electromagnetic, ground penetrating radar and seismic methods for engineering and geoscience observations for geoscience and engineering applications. Prerequisite: ~~EASC 207 with a grade of C- or better.~~ One of (PHYS 102 and PHYS 133), (PHYS 121 and PHYS 133), (PHYS 126 and PHYS 133) or (PHYS 141) and STAT 201 or 270, all with a grade of C- or better. Students with credit for EASC 207 may not complete this course for further credit. Quantitative.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2026

RATIONALE (must be included)

In an effort to reduce the number of required LD units in the Earth Sciences Major/Honours programs, we propose deleting EASC 207 (Introduction to Applied Geophysics) and making EASC 307 (Applied Geophysics) a required course in the programs. EASC 207 will be temporarily withdrawn from the calendar. EASC 307 covers the same material as EASC 207 but is intended for specific geoscience and engineering applications. Gravimetric and magnetic methods (taught in EASC 207) have been added to the course description.

EASC 307 required EASC 207 which included the stated physics prerequisites. A 200-level statistics course has also been added as a 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 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: EASC 201, 206 and 209W. ~~Recommended: EASC 207. All with a grade of C- or better. Students with credit for EASC 406 may not take this course for further credit.~~

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2026

RATIONALE (must be included)

EASC 207 will be deleted. A geophysics course is not necessary for the successful completion of this field school.

EASC 406 has not been taught since spring 2013. Therefore, the equivalent statement is no longer needed.

COURSE SUBJECT	EASC	NUMBER	309	TITLE	Global Tectonics
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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 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: EASC 201, 204, 205, 206 and ~~207-307~~. All with a grade of C- or better. ~~Students with credit for EASC 407 prior to fall 1998 may not take this course for further credit.~~

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2026

RATIONALE (must be included)

EASC 307 will replace EASC 207 in the programs, and EASC 207 will be deleted from the programs. EASC 307 covers the same material as EASC 207, but with a more applied rather than theoretical focus.

Equivalent statement is no longer needed.

COURSE SUBJECT	EASC	NUMBER	310	TITLE	Paleontology
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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 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: ~~EASC 210~~ EASC 106 or ~~Recommended: BISC 102, All~~ with a grade of C- or better. Students with credit for ~~EASC 203 or~~ EASC 310W may not take this course for further credit. ~~Writing.~~

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2026

RATIONALE (must be included)

EASC 210 is being deleted and replaced with EASC 106 in the major program. BISC 102 has been added as an alternative prerequisite.

Equivalent statement modified, as EASC 203 has not been taught for more than 10 years. Additionally, EASC 310 will no longer be a W course.

COURSE SUBJECT	EASC	NUMBER	315	TITLE	Geochemistry of Natural Waters
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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).

Students with credit for ~~EASC 412 and/or~~ EASC 315W may not complete this course for further credit. ~~Writing~~.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Fall 2026

RATIONALE (must be included)

EASC 315 is no longer a designated W course. Therefore, students with credit for EASC 315W may not complete EASC 315 for further credit.

Removal of EASC 412 in the equivalency statement, as this course had not been taught since Fall 2010.