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## MEMORANDUM

ATTENTION	Senate	DATE	April 9, 2021
FROM	Wade Parkhouse, Chair Senate Committee on Undergraduate Studies	PAGES	1/2
RE:	Course Changes (SCUS 21-35)		


**For information:**

Acting under delegated authority at its meeting of April 8, 2021 SCUS approved the following curriculum revisions effective Spring 2022.

**a. Faculty of Applied Sciences**1. School of Computing Science

(i) Title change for CMPT 489

**b. Beedie School of Business**

(i) Equivalent Statement change to BUS 446

**c. Faculty of Communication, Art and Technology**1. School of Communication

(i) Prerequisite changes for CMNS 201, 201W, 202, 210, 221, 226, 230, 240, 253W, 286 and 287

(ii) Prerequisite and title changes for CMNS 235

(iii) Temporarily withdraw CMNS 220, CMNS 223W and CMNS 259

2. School of Interactive Arts and Technology

(i) Title, description and prerequisite changes for IAT 438

#### **d. Faculty of Health Sciences**

- (i) Course number, prerequisite and equivalent statement changes for HSCI 307
- (ii) Course number, title, description, prerequisite and equivalent statement changes for HSCI 330
- (iii) Prerequisite change for HSCI 403, 408, 410, 416, 424, 431, 432, 475, 478, 483,484 and 496

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>.



<b>COURSE SUBJECT</b>	CMPT	<b>NUMBER</b>	489	<b>TITLE</b>	Special Topics in Programming Language
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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 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).

~~Special Topics in Programming Language~~

Special Topics in Programming Languages

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022

**RATIONALE** (must be included)

Correcting a typo: "Languages" should be in plural.



<b>COURSE SUBJECT</b>	BUS	<b>NUMBER</b>	446-3	<b>TITLE</b>	Marketing Strategy in Sports, Entertainment and Other Creative Industries
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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).

BUS 446 - Marketing Strategy in Sports, Entertainment and Other Creative Industries (3)  
 Focuses on the analysis of market problems and opportunities and the development of appropriate strategies, in creative industries. Industries explored may include arts, sports, or entertainment, but the focus may vary from term to term to reflect developments in the creative industry's marketing landscape. Topics include: analytical techniques, strategic planning methods and managerial problems of planning. Case analysis and problem solving will be the major orientation of the course. Prerequisite: BUS 343, 347, 360W, all with a minimum grade of C-; 60 units. Students who have taken BUS 493 when the subject of the course was Sports and Entertainment Marketing may not take BUS 446 for further credit.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022

**RATIONALE** (must be included)

The BUS 446 curriculum is based on a previously offered Special Topics course, BUS 493 - Sports and Entertainment Marketing. Therefore, students who have already taken BUS 493 when the subject was Sports and Entertainment Marketing should not receive further credit for repeating the course as BUS 446. Adding an equivalency statement will ensure that students are aware that they cannot receive credit for both courses.



<b>COURSE SUBJECT</b>	CMNS	<b>NUMBER</b>	201	<b>TITLE</b>	Empirical Communication Research Methods
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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 empirical research methods in diverse traditions of communication enquiry. Some methods recognize communication as everyday interactions; others analyze communication as a process; still others blend traditional scientific empiricism with analytical and critical methods derived from the arts and humanities. Topics include: ethics, paradigms, conceptualizing and operationalizing research, sampling, interviews, surveys, unobtrusive observation, content analysis, and the role of statistics in communication research. Prerequisite: ~~24 units, and CMNS 110 and 130.~~ 9 CMNS units, with a minimum grade of C-. Students with credit for CMNS 201W or CMNS 260 may not take this course for further credit. Quantitative.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022

**RATIONALE** (must be included)

The School is shifting away from course-specific prerequisites and towards a minimum CMNS unit prerequisite. This will simplify the prerequisite structure for students. Students should be able to take this course upon completing all first-year courses (including the new first-year required course (CMNS 120)).

<b>COURSE SUBJECT</b>	CMNS	<b>NUMBER</b>	201W	<b>TITLE</b>	Empirical Communication Research Methods
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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"/>

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An introduction to empirical research methods in diverse traditions of communication enquiry. Some methods recognize communication as everyday interactions; others analyze communication as a process; still others blend traditional scientific empiricism with analytical and critical methods derived from the arts and humanities. Topics include: ethics, paradigms, conceptualizing and operationalizing research, sampling, interviews, surveys, unobtrusive observation, content analysis, and the role of statistics in communication research. Prerequisite: ~~24 units, and CMNS 110 and 130.~~ 9 CMNS units with a minimum grade of C-. Students with credit for CMNS 201 or CMNS 260 may not take this course for further credit. Writing/Quantitative.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022



**RATIONALE** (must be included)

The School is shifting away from course-specific prerequisites and towards a minimum CMNS unit prerequisite. This will simplify the prerequisite structure for students. Students should be able to take this course upon completing all first-year courses (including the new first-year required course (CMNS 120)).



<b>COURSE SUBJECT</b>	CMNS	<b>NUMBER</b>	202	<b>TITLE</b>	Design and Method in Qualitative Communication Research
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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"/>

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An introduction to interpretive approaches in communication inquiry. Topics include ethics, paradigms, conceptualizing the research process, documentary research, historical methods, discourse or textual analysis, ethnographic research, and performative research. Prerequisite: ~~24 units, and CMNS 110 and 130.~~ 9 CMNS units with a minimum grade of C-. Students with credit for CMNS 262 may not take CMNS 202 for further credit.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022

**RATIONALE** (must be included)

The School is shifting away from course-specific prerequisites and towards a minimum CMNS unit prerequisite. This will simplify the prerequisite structure for students. Students should be able to take this course upon completing all first-year courses (including the new first-year required course (CMNS 120)).



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 assessment of the social implications of developments in information technology from prehistory to the middle of the 20th century. Topics include: the origins of symbolic representation; the oral tradition; the significance of different systems of writing and numeration; the consequences of print; and the initial changes brought about by electronic media. Prerequisite: ~~CMNS 110~~. 9 CMNS units 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)

The School is shifting away from course-specific prerequisites and towards a minimum CMNS unit prerequisite. This will simplify the prerequisite structure for students. Students should be able to take this course upon completing all first-year courses (including the new first-year required course (CMNS 120)).



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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Focuses on communication for social change; historical and contemporary perspectives in consumer culture; technology, media and popular culture; media and identity; and communication as public education. Prerequisite: ~~CMNS 110 and 130~~. 9 CMNS units with a minimum grade of C-.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022

**RATIONALE** (must be included)

The School is shifting away from course-specific prerequisites and towards a minimum CMNS unit prerequisite. This will simplify the prerequisite structure for students. Students should be able to take this course upon completing all first-year courses (including the new first-year required course (CMNS 120)).



<b>COURSE SUBJECT</b>	CMNS	<b>NUMBER</b>	226	<b>TITLE</b>	Digital Media Communication Techniques
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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).

This course introduces students to a variety of digital media communication technologies and techniques, including image and sound capturing and manipulation, Internet-based publishing and research, digitizing, editing and archiving. Design and management tasks involved in communicating using digital media are also introduced, including audio and video editing and processing, data integrity management, file structuring and packaging, and work presentation. Prerequisite: ~~CMNS 110 and 130~~. 9 CMNS units with a minimum grade of C-. CMNS 220 recommended.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022



**RATIONALE** (must be included)

The School is shifting away from course-specific prerequisites and towards a minimum CMNS unit prerequisite. This will simplify the prerequisite structure for students. Students should be able to take this course upon completing all first-year courses (including the new first-year required course (CMNS 120)).

<b>COURSE SUBJECT</b>	CMNS	<b>NUMBER</b>	230	<b>TITLE</b>	The Cultural Industries in Canada: Global Context
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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"/>

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What do we mean when we talk about the 'cultural industries' today? This course explores the business structure and economics of the cultural sectors, the regulatory and policy frameworks, and their social and cultural contexts. Students are encouraged to develop, compare and contrast at least two sectors from the audio, print or visual industries. While the primary focus is on the Canadian case, students will be encouraged to look at other countries. Overriding themes explore the following: relationships between public and private sectors; independent and commercial creators; rights of creators versus distributors; specialty and general media; indigenous and global contents. Prerequisite: ~~CMNS 130~~. 9 CMNS units with a minimum grade of C-.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022

**RATIONALE** (must be included)

The School is shifting away from course-specific prerequisites and towards a minimum CMNS unit prerequisite. This will simplify the prerequisite structure for students. Students should be able to take this course upon completing all first-year courses (including the new first-year required course (CMNS 120)).



<b>COURSE SUBJECT</b>	CMNS	<b>NUMBER</b>	240	<b>TITLE</b>	The Political Economy of 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"/>

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Examination of the political and economic processes that have generated the policies and structures of mass media, telecommunications and related industries; the relationship between the dichotomies of state and market, citizen and consumer, capitalism and democracy, global and local, and sovereignty and globalization in media industries and policies; overview of influences on State and international policies towards the media. Prerequisite: ~~CMNS 110 and 130.~~ 9 CMNS units with a minimum grade of C-.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022

**RATIONALE** (must be included)

The School is shifting away from course-specific prerequisites and towards a minimum CMNS unit prerequisite. This will simplify the prerequisite structure for students. Students should be able to take this course upon completing all first-year courses (including the new first-year required course (CMNS 120)).



<b>COURSE SUBJECT</b>	CMNS	<b>NUMBER</b>	253W	<b>TITLE</b>	Introduction to Information Technology: The New Media
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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 new communication/information technologies, seen as new media of communication: the technologies, their uses, and the social issues arising from them. Prerequisite: ~~CMNS 110 or 130~~. 9 CMNS units with a minimum grade of C-. Students with credit for CMNS 253 may not take this course for further credit. Writing.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022

**RATIONALE** (must be included)

The School is shifting away from course-specific prerequisites and towards a minimum CMNS unit prerequisite. This will simplify the prerequisite structure for students. Students should be able to take this course upon completing all first-year courses (including the new first-year required course (CMNS 120)).



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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Analysis of a particular topic in the general area of communication. This course can be repeated for credit up to a maximum of three times, if topic studied is different.  
 Prerequisite: ~~CMNS 110 and 130~~. 9 CMNS units 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)

The School is shifting away from course-specific prerequisites and towards a minimum CMNS unit prerequisite. This will simplify the prerequisite structure for students. Students should be able to take this course upon completing all first-year courses (including the new first-year required course (CMNS 120)).



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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Analysis of a particular topic in the general area of communication. This course can be repeated for credit up to a maximum of three times, if topic studied is different.  
 Prerequisite: ~~CMNS 110 and 130~~. 9 CMNS units 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)

The School is shifting away from course-specific prerequisites and towards a minimum CMNS unit prerequisite. This will simplify the prerequisite structure for students. Students should be able to take this course upon completing all first-year courses (including the new first-year required course (CMNS 120)).

<b>COURSE SUBJECT</b>	CMNS	<b>NUMBER</b>	235	<b>TITLE</b>	News Media, the Public, and Democracy
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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 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).

**CMNS 235 - ~~News Media, the Public, and Democracy~~ Digital Democracies (3)**  
Introduces students to the study of the relationship between public communication, information media practices and structures, and democracy. Examines the role of media and communication in existing and emerging democratic contexts, including print and electronic journalism, alternative media, public spheres, and the challenges of constructing and maintaining a democratic media and communication environment in Canadian and global contexts. Prerequisite: ~~CMNS 130~~ 9 CMNS units with a minimum grade of C-.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022

**RATIONALE** (must be included)

This modification introduces a more accurate and up-to-date course title. The School is also shifting away from course-specific prerequisites and towards a minimum CMNS unit prerequisite. This will simplify the prerequisite structure for students. Students should be able to take this course upon completing all first-year courses (including the new first-year required course (CMNS 120)).



MEMO

Undergraduate Chair  
School of Communication

Burnaby Campus – K8665

Burnaby Tel: 778.782.9360

Fax: 778.782.4024

ATTENTION: Senate

FROM: Frédéric Lesage, Undergraduate Chair

RE: School of Communication – Temporary withdrawal

cc

DATE: March 4 2021

For information:

The following School of Communication courses will be temporarily withdrawn effective Spring 2022:

CMNS 220 – “Understanding Television”

CMNS 223W – “Advertising as Social Communication”

CMNS 259B – “Listening, Culture and Society”

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Dr. Zoe Druick  
Director

<b>COURSE SUBJECT</b>	IAT	<b>NUMBER</b>	438	<b>TITLE</b>	Interactive Objects and Environments
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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"/>

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**Existing:**

~~IAT 438 – Interactive Objects and Environments~~

~~Develops programming and scripting skills for developing combined software, and hardware prototype versions of interactive objects and environments. Covers the art and design of interactive objects and environments. Methodologies emphasizing embodiment, kinesthetics and haptics are introduced by combining theory and practice. Students develop programming skills for developing working prototypes comprised of software, sensors, and hardware.~~

~~Prerequisites:~~

~~Completion of 60 Units, including IAT 233, 235 and 267, with a minimum grade of C.~~

**Proposed:**

IAT 438 – User Experience Design

Advanced level course that examines design practice for Interaction and User Experience Designers. Students apply professional industry standards to related strategies from Graphic Design, Visual Design, Interaction Design, Content Strategy and User Interface Design, to develop a rich understanding of client-based product design and service design projects. Portfolio-quality projects will be grounded in design research, and cultural context, and evaluated in rigorous evidence-based design critiques.

Pre-requisites:

Completion of 75 Units, including IAT 309w, 333 and 334, with a minimum grade of C.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022

**RATIONALE (must be included)**

The current Course Calendar Description and associated prerequisites were written in 2008, over 12 years ago, and significant shifts and advances in the field have necessitated updating this course description.

The current prerequisites are all lower-division second-year courses, which are prerequisites for more appropriate upper-division third-year courses, IAT 333 (Interaction Design Methods) and 334 (User Interface Design). IAT 438 is taught at an advanced level, and the prerequisites ought to reflect this. It is also proposed that IAT 309w (Writing Methods For Research) be added as a prerequisite to prepare students adequately for senior-level competencies in Design Research, Content Strategy, and Copy Writing for Design.

In alignment with this, it is proposed to change the entry completion of the current 60 units to 75 units to ensure student preparedness upon course entry.

The proposed new third-year prerequisites cover most of the existing prerequisites for IAT 438. IAT 235 is the prerequisite IAT 334, and IAT 233 and 265 are the prerequisites for IAT 333. The only exception is that IAT 267 (Intro to Tech Systems) is no longer a prerequisite. IAT 265 (Multimedia Programming) is a prerequisite to IAT 333, and is an Interactive Systems prerequisite that is more pertinent to this subject. In summary, the effect of the prerequisite changes will be, IAT 267 has been replaced with IAT 265, and IAT 309W has been added.





COURSE SUBJECT  NUMBER  TITLE

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

Course number	<input checked="" 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"/>

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HSCI ~~307~~ 207 - Research Methods in Health Sciences (3)

Principles and applications in health sciences research methodology. Quantitative and qualitative methods. Research process and design. Appropriate approaches for diverse research questions. Research ethics, sources of data, sampling, measurement, data collection, initial data analysis techniques. Prerequisite: ~~Two HSCI 200 division courses with a minimum grade of C-, one of which may be taken concurrently.~~ HSCI 130 with a minimum grade of C-. Corequisite: STATS 201, or 203, or 205. Students with credit for HSCI 307 may not take this course for further credit.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022



Research methods is a foundational course and we need to students to have a basic understanding of methods before they embark on their upper level credits. We are moving it to the lower level to so that students take it earlier in their studies.

**RATIONALE** (must be included)

<b>COURSE SUBJECT</b>	HSCI	<b>NUMBER</b>	330	<b>TITLE</b>	Exploratory Strategies in Epidemiology
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**TYPE OF CHANGES.** Please type 'X' for the appropriate revision(s):

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

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HSCI 330 ~~230~~ - ~~Exploratory Strategies in Epidemiology~~ Evaluating Epidemiological Research (3)

~~The concepts and measurements of human population dynamics in epidemiological inference. Identification of causes and prevalence of disease. Demographic and molecular methodology to assess the determinants of health and disease. Prerequisite: Nine HSCI units with a minimum grade of C including one HSCI 200 division course and either STAT 302 or 305, with a minimum grade of C, which may be taken concurrently.~~

Prepares students at a foundational level to evaluate and critique conclusions drawn from epidemiological research. Students will also experience the value and limitations of epidemiology as a tool for researching health and disease in populations. Prerequisite: 30 units, including HSCI 130 with a minimum grade of C-, or permission of the instructor. Students with credit for HSCI 330 may not take this course for further credit.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022

**RATIONALE** (must be included)

The rationale to move this course from the 300-level to the 200-level is to position it correctly relative to other courses with which it articulates (especially HSCI 130, HSCI 341, and HSCI 410). The rationale to change the description is to correct the description relative to what this course actually covers. This course evolved naturally over the previous decade to become what is stated in the new description.



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"/>

**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: 60 units including HSCI ~~330~~ 230 with a minimum grade of C-.  
Students with credit for HSCI 309 may not complete this course for credit.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022



**RATIONALE** (must be included)

HSCI 330 had the number change to HSCI 230



<b>COURSE SUBJECT</b>	HSCI	<b>NUMBER</b>	408	<b>TITLE</b>	Plagues, Pollutants and Poverty: The Origins and Evolution of Public Health
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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: 90 units, including HSCI ~~330~~ 230 with a minimum grade of C-.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022



**RATIONALE** (must be included)

HSCI 330 had the number change to HSCI 230





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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Prerequisite: STAT 302 or STAT 305 , with a minimum grade of C-. Recommended: HSCI ~~330~~ 230.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022



**RATIONALE** (must be included)

HSCI 330 had the number change to HSCI 230

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

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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"/>

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Prerequisite: STAT 302 or STAT 305, and ~~HSCI 307~~ HSCI 207 or ~~HSCI 330~~ HSCI 230, all with a minimum grade of C-.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022



**RATIONALE** (must be included)

HSCI 307 had the number change to HSCI 207  
HSCI 330 had the number change to HSCI 230



<b>COURSE SUBJECT</b>	HSCI	<b>NUMBER</b>	424	<b>TITLE</b>	Strategic Applications of GIS in Health
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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"/>

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Prerequisite: A minimum of 60 units and HSCI ~~330~~ 230 with a minimum grade of C- and one of STAT 302 or STAT 305, with a minimum grade of C-..

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022



**RATIONALE** (must be included)

HSCI 330 had the number change to HSCI 230



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"/>

**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: 60 units including either HSCI 212 or ~~330~~ 230, with a minimum grade of C-

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022



**RATIONALE** (must be included)

HSCI 330 had the number change to HSCI 230





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"/>

**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: HSCI ~~330~~ 230 with a minimum grade of C-.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022



**RATIONALE** (must be included)

HSCI 330 had the number change to HSCI 230

<b>COURSE SUBJECT</b>	HSCI	<b>NUMBER</b>	475	<b>TITLE</b>	Seminar in Molecular Mechanisms of Epigenetics
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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).

Discussion of novel and advanced topics in chemical covalent modifications of chromatin that influence gene regulation. Prerequisites: MBB 331 and HSCI 324, both with a minimum grade of C-, or permission of the instructor.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022

**RATIONALE** (must be included)

Epigenetics is the study of chemical modifications of chromatin that are often transferred through generations. Adding HSCI 324, Human population genetics evolution, as a prerequisite provides a base for understanding complex epigenetic behaviour upon cell division and transfer through generations. Currently, HSCI 324 is a required course for the BSc. Life sciences program and when students enrol in HSCI 475 most have completed HSCI324.



<b>COURSE SUBJECT</b>	HSCI	<b>NUMBER</b>	478	<b>TITLE</b>	Seminar in Molecular Epidemiology of Infectious Diseases
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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: HSCI ~~330~~ 230 and MBB 331, with a minimum grade of C- as prerequisites or corequisites. Students with credit for HSCI 432 in 2010 may not complete HSCI 478 for further credit.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022



**RATIONALE** (must be included)

HSCI 330 had the number change to HSCI 230



<b>COURSE SUBJECT</b>	HSCI	<b>NUMBER</b>	483	<b>TITLE</b>	Senior Seminar in Environmental Health
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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: 90 units, including HSCI 204 and HSCI ~~330~~ 230, with a minimum grade of C-.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022



**RATIONALE** (must be included)

HSCI 330 had the number change to HSCI 230



<b>COURSE SUBJECT</b>	HSCI	<b>NUMBER</b>	484	<b>TITLE</b>	Senior Seminar in Population Health Research
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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: 90 units, including HSCI ~~330~~ 230 with a minimum grade of C- and either STAT 302 or STAT 305, with a minimum grade of C-.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022





**RATIONALE** (must be included)

HSCI 330 had the number change to HSCI 230



<b>COURSE SUBJECT</b>	HSCI	<b>NUMBER</b>	496	<b>TITLE</b>	Special Topics in Experiential Global Health Learning
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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: HSCI 160 or equivalent, and HSCI ~~330~~ 230 or equivalent, all with a minimum grade of C-. An Introductory language course may be a requirement for some course locations (SPAN 102 or SPAN 103 or equivalent for Mexico). Students enrolled in the course are required to register with the SFU International Travel Safety Program.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Spring 2022



**RATIONALE** (must be included)

HSCI 330 had the number change to HSCI 230