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MEMORANDUM

ATTENTION	Senate	DATE	May 7, 2021
FROM	Wade Parkhouse, Chair Senate Committee on Undergraduate Studies	PAGES	1/3
RE:	Course Changes (SCUS 21-46)		

For information:

Acting under delegated authority at its meeting of May 6, 2021 SCUS approved the following curriculum revisions effective Spring 2022.

a. Faculty of Applied Sciences1. School of Computing Science

- (i) Prerequisite change for CMPT 125

2. School of Engineering Science

- (i) Description and equivalent statement changes for ENSC 412

b. Faculty of Arts and Social Sciences1. School of Criminology

- (i) Temporarily withdraw CRIM 301, 345, 431 and 457

2. Department of Economics

- (i) Deletion of ECON 451

3. Department of French

- (i) Deletion of FREN 226

4. Department of Gerontology

- (i) Deletion of GERO 405
- (ii) Temporarily withdraw GERO 403

5. Department of Gender, Sexuality and Women's Studies

(i) Temporarily withdraw GSWS 317, 327, 350 and 405

6. Department of History

(i) Deletion of HIST 278

(ii) Temporarily withdraw HIST 111, 115, 209W, 314, 322, 339, 388, 439, 458W and 459W

7. Department of Humanities

(i) Temporarily withdraw HUM 162 and 303

8. School of International Studies

(i) Deletion of IS 280

9. Department of Linguistics

(i) Deletion of LING 492

10. Department of Philosophy

(i) Temporarily withdraw PHIL 358

11. Department of Political Science

(i) Temporarily withdraw POL 313, 343 and 433

(ii) Deletion of POL 361 and 362

12. Department of Psychology

(i) Temporarily withdraw PSYC 358 and 387

13. Department of Sociology and Anthropology

(i) Deletion of SA 472

14. Department of World Languages and Literatures

(i) Deletion of SPAN 306

(ii) Deletion of WL 420, 430 and 440

c. Faculty of Education

(i) Temporarily withdraw EDUC 433, 450, 484 and 485W

d. Faculty of Environment

1. Department of Archaeology

- (i) Prerequisite change for ARCH 373, 388, 428, 442 and 452

2. Department of Geography

- (i) Prerequisite change to GEOG 449 (Spring 2023)
- (ii) Deletion of GEOG 265 and 301
- (iii) Temporarily withdraw GEOG 362

3. School of Resource and Environmental Management

- (i) Description, prerequisite and equivalent statement changes to REM 452
- (ii) Description, course number, equivalent statement, and breadth (B-Sci) change to ENV 412

e. Faculty of Science

1. Department of Biological Sciences

- (i) Prerequisite change for BISC 425
- (ii) Description and prerequisite changes for BISC 305
- (iii) Description change for BISC 202

2. Department of Earth Sciences

- (i) Prerequisite change to EASC 311 and 420

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	125	TITLE	Introduction to Computing Science and Programming II
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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: CMPT 120 or CMPT 130, 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)

Either cmpt 120 or cmpt 130 provides enough background as a first programming course for the students before they enroll in cmpt 125, the second programming course.

COURSE SUBJECT	ENSC	NUMBER	412	TITLE	Technologies, Cultures and a Sustainable World
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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 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).

Technologies, Cultures and a Sustainable World (3)

Technology issues relevant to global sustainable development are considered from engineering, historical and anthropological perspectives. Topics include hydroelectric dams, alternative power generation systems, and the science of climate change. In-depth case studies emphasize interdisciplinary exploration of these themes. ~~Students wishing B-Soc credit should take ENV 412.~~ Prerequisite: Minimum 60 units. Students may take only one of SD 412, ENSC 412 ~~and~~ or ENV 412 for credit. Breadth-Science.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2022



RATIONALE (must be included)

REM is in the process of taking responsibility for the Sustainable Development (SD) program and updating its credentials. They would like to include this course as an elective and so it makes sense for them to shift from the ENV code (hosted in the FENV Dean's Office) to SD (hosted by REM). Accordingly, as the course is cross listed with ENSC (who teach it) we are adjusting the equivalency statement for ENSC 412 as well. REM notes that there is a discrepancy between the two cross listings in terms of WQB and that these are not consistent. Subsequently, REM is deleting the separate and confusing Breadth-Social Science listing on ENV 412 to conform with the Breadth-Science listing on ENSC 412. So we are deleting the reference to this in our course description as well.

Course #	Title	Last term	Action	Notes
DELETE				
ECON 451	Seminar in European Economic History	Fall 2012	Delete	
FREN 226	Introduction to Textual Analysis	Never	Delete	
GERO 405	Aging in Small Communities and Rural Areas	Spring 2000	Delete	
HIST 278	The Greeks in the Ottoman Empire	Spring 2015	Delete	
IS 280	War in the Balkans and the Making of the 21st Century	Fall 2018	Delete	
LING 492	Directed Research	Spring 2019	Delete	
SA 472	Anthropology and the Past (A)	Fall 2013	Delete	
SPAN 306	Spanish-English Translation	Fall 2017	Delete	
TEMPORARILY WITHDRAW				
CRIM 301	Crime in Contemporary Society	Fall 2018	Temporarily Withdraw	TW
CRIM 345	Theoretical Perspectives on Punishment	Fall 2018	Temporarily Withdraw	TW
CRIM 431	Comparative Criminal Justice Systems	Fall 2017	Temporarily Withdraw	TW
CRIM 457	Crime and Criminal Intelligence Analysis	Fall 2015	Temporarily Withdraw	TW
GERO 403	Counselling Issues with Older Adults	Summer 2018	Temporarily Withdraw	TW
GSWS 317	Bread Riots to Riot Grrls: Gender, Resistance and Protest in Historical Pe	Fall 2018	Temporarily Withdraw	Retain the course as Temporarily Withdrawn
GSWS 327	Aboriginal Women in Canada	Spring 2018	Temporarily Withdraw	Retain the course as Temporarily Withdrawn. May be deleted in Fall 2021
GSWS 350	Public Policy for Women	Fall 2018	Temporarily Withdraw	Retain the course as Temporarily Withdrawn. This will be taught Fall 2022 or earlier.
GSWS 405	Theoretical Issues in Gender, Sexuality and Women's Studies	Spring 2019	Temporarily Withdraw	Retain the course as Temporarily Withdrawn
HIST 111	Histories of Technology	Spring 2019	Temporarily Withdraw	TW
HIST 115	History of Sexuality	Fall 2018	Temporarily Withdraw	TW
HIST 209W	Latin America: the National Period	Spring 2017	Temporarily Withdraw	TW
HIST 314	British and Irish Society since the Mid 18th Century	Spring 2018	Temporarily Withdraw	TW
HIST 322	Atlantic and Pacific Migration	Summer 2017	Temporarily Withdraw	TW
HIST 339	The British Empire and Commonwealth	Spring 2019	Temporarily Withdraw	TW
HIST 388	Religion and Globalization	Summer 2016	Temporarily Withdraw	TW
HIST 439	Catholicism in Early Modern Europe	Spring 2019	Temporarily Withdraw	TW
HIST 458W	Problems in Latin American Regional History	Spring 2015	Temporarily Withdraw	TW
HIST 459W	Problems in the Political and Social History of Latin America	Fall 2016	Temporarily Withdraw	TW
HUM 162	Latin II	Spring 2019	Temporarily Withdraw	TW
HUM 303	The Latin Humanist Tradition	Spring 2019	Temporarily Withdraw	TW
PHIL 358	19th Century Philosophy	Spring 2017	Temporarily Withdraw	Please retain the course as temporarily withdrawn (TW)
POL 313	Political Ideologies	Spring 2018	Temporarily Withdraw	TW
POL 343	Global Political Economy	Spring 2018	Temporarily Withdraw	TW
POL 433	Comparative Development	Fall 2005	Temporarily Withdraw	TW
PSYC 358	Language and Social Interaction	Fall 2017	Temporarily Withdraw	can be temporarily withdrawn
PSYC 387	Human Neuropsychology	Spring 2018	Temporarily Withdraw	can be temporarily withdrawn
RETAIN				
CHIN 151	Spoken Mandarin for Speakers of Other Chinese Dialects I	Fall 2018	Retain as active	Keep active
CRIM 311	Minorities and the Criminal Justice System	Summer 2018	Retain as active	please keep the course active; plans for teaching in near future
CRIM 346	Current Issues in Corrections	Spring 2014	Retain as active	please keep the course active; plans for teaching in near future
ECON 372	The Economics of Globalization	Spring 2019	Retain as active	please keep the course active; plans for teaching in near future (was not taught due to admin/other leaves)
ECON 390	Public Policy	Fall 2006	Retain as active	will be offered in the near future given new program discussions around Minor in Public Policy; please keep
ECON 422	Seminar in Game Theory	Fall 2001	Retain as active	please keep the course active; plans for teaching in near future (was not taught due to admin/other leaves)
ECON 428	Seminar in Experimental and Behavioural Economics	Spring 2019	Retain as active	please keep the course active; plans for teaching in near future
ECON 431	Intermediate Mathematical Economics	Summer 2017	Retain as active	Econ is planning to offer this course again in the near future
ECON 453	Seminar in the Economics of Education	Fall 2015	Retain as active	will be offered in the near future given two new hires in the Department
ECON 490	Seminar in Public Choice	Spring 2019	Retain as active	please keep the course active; plans for teaching in near future (was not taught due to admin/other leaves)
ENGL 363	Studies in Digital Humanities: Theory and Practice	Spring 2018	Retain as active	All English courses: part of curriculum review; please ignore since all course numbers are being changed with Fall 2021 academic calendar
FREN 342	Francophone World Literature in Translation	Never (since 1998)	Retain as active	please keep the course active; recent hire and new program plans will bring the course back into the curriculum soon
FREN 417	Topics in the Structure of French	Fall 2018	Retain as active	please keep the course active; taught regularly, skipped recently due to Covid and remote delivery
GERO 408	Families over the Life Course	Spring 2017	Retain as active	please retain as active; will transition to OL
GERO 409	Mental Health and Aging	Spring 2019	Retain as active	please retain as active; scheduled for 22/23
GSWS 433	Gender, Violence, Resistance	Spring 2019	Retain as active	Retain the course as active pending it being offered in the near future. This course will be taught Fall 2021.
HIST 214	Quebec Society, Culture, and Politics	Spring 2018	Retain as active	please retain the course as active; curriculum review for FCP coming
HIST 214W	Quebec Society, Culture, and Politics	Never	Retain as active	please retain the course as active; curriculum review for FCP coming
HIST 231	History of Africa to the 19th Century: From Ancient Times to the Slave T	Spring 2019	Retain as active	please retain the course as active; will be taught in Spring 2022
HIST 288	History of Christianity to 1500	Spring 2019	Retain as active	please retain the course as active; will be taught in Spring 2022
HIST 320	European Reformation	Spring 2018	Retain as active	please retain the course as active; will be taught in Spring 2022
HIST 344	Themes in Modern East Africa	Spring 2019	Retain as active	please retain the course as active; will be taught in Spring 2022
HIST 359	Constructing the Nation State in Greece, the Balkans, and the Mediterr	Fall 2018	Retain as active	please retain the course as active; will be taught in Spring 2022

Course #	Title	Last term	Action	Notes
HIST 390	Studies in History I	Fall 2018	Retain as active	please retain as active
HIST 416	The French Revolution	Fall 2018	Retain as active	please retain as active; will be taught soon
HIST 462W	Religion, Ethnicity, and Politics in Twentieth Century Northern Ireland	Spring 2018	Retain as active	please retain the course as active; will be taught in Spring 2022
HUM 106	Art and the Humanities	Fall 2016	Retain as active	please retain the course as active
HUM 202	Great Texts in the Humanities	Fall 2015	Retain as active	please retain the course as active
HUM 211	Art and Literature of the Italian Renaissance	Fall 2018	Retain as active	please retain the course as active
HUM 222	Cross-Cultural Perspectives on Art	Never	Retain as active	please retain the course as active
HUM 311	Italian Renaissance Humanism	Spring 2018	Retain as active	please retain the course as active
INDG 329	Sexuality and Gender: Indigenous Perspectives	Spring 2019	Retain as active	will be offered in the near future - please keep active
INDG 433	Indigenous Environmental Justice and Activism	Fall 2017	Retain as active	will be offered in the near future - please keep active
IS 209	Latin America: the National Period	Spring 2017	Retain as active	please retain the course as active
IS 414	Current Regional Issues in Southeast Asia	Summer 2018	Retain as active	please retain the course as active
IS 415	Islamist Trend in Middle East Politics	Spring 2018	Retain as active	please retain the course as active
IS 421	The Economics of International Organizations and Development	Fall 2014	Retain as active	please retain the course as active
IS 423	International Development Practice and Ethics	Never	Retain as active	please retain the course as active
IS 427	Globalization, Poverty and Inequality	Spring 2019	Retain as active	please retain the course as active
IS 490	Honours Seminar	Spring 2019	Retain as active	Retain the course as it is required for our honours program. We have actively scheduled this course every term since Spring 2019.
JAPN 301	Intermediate Japanese II	Spring 2019	Retain as active	Keep active
LING 410	Theories of Applied Linguistics	Spring 2019	Retain as active	retain; we plan to offer it in Spring 2023
LING 430	Aboriginal Languages of the Americas	Summer 2015	Retain as active	retain; we plan to offer it in Fall 2022
PERS 168	Introduction to Persian II	Spring 2018	Retain as active	Keep active
PHIL 314	Topics in Logic	Spring 2018	Retain as active	Retain the course as active pending it being offered in the near future
PHIL 328	Environmental Philosophy	Fall 2018	Retain as active	Retain the course as active pending it being offered in the near future
POL 381	Japanese Politics	Fall 2018	Retain as active	please keep the course active; plans for teaching in near future (2023)
POL 434W	Nationalism and Ethnic Conflict	Spring 2018	Retain as active	please keep the course active; plans for teaching in near future (2022)
POL 443	Nuclear Strategy, Arms Control, and International Security	Spring 2018	Retain as active	please keep the course active; plans for teaching in near future (2022)
POL 451	Public Policy Analysis	Fall 2017 (non-W)	Retain as active	please retain the course as active; curriculum review for FCP coming
POL 497	Experiential Learning in Political Science	Spring 2019	Retain as active	please retain the course as active; curriculum review for FCP coming
PSYC 356	Developmental Psychopathology	Fall 2017	Retain as active	psyc 356 is scheduled for spring 2022 and spring 2023 - please retain as active
SA 275	China in Transition (SA)	Fall 2018	Retain as active	please retain as active
SA 418	Global Health: Humanitarian Encounters (A)	Summer 2017	Retain as active	please retain as active
SPAN 302	Spanish Conversation Through Cinema	Spring 2018	Retain as active	Keep active
WL 202	North/South Intersections	Fall 2018	Retain as active	Keep active
WL 305W	Sages and Poets	Fall 2015	Retain as active	Keep active
WL 308	Travel and Trade	Fall 2015	Retain as active	Keep active
WL 400	Early Literary Cultures	Spring 2016	Retain as active	Keep active
WL 403	Contemporary World Literature	Spring 2018	Retain as active	Keep active

Currently Temporarily Withdrawn

Course #	Title	Term of TW	Action	
GERO 402	Drug Issues in Gerontology	Spring 2006	Retain as Temporarily Withdrawn	
HIST 343	Africa and the Slave Trade	Spring 2005	Retain as Temporarily Withdrawn	TW
POL 361	Policy Communities and Policy Networks (Inactive)	Summer 2011	Delete	
POL 362	Comparative Public Policy (Inactive)	Summer 2011	Delete	
WL 420	Selected Topic in World Literature II (Inactive)	Summer 2011	Delete	
WL 430	Selected Topic in World Literature III (Inactive)	Summer 2011	Delete	
WL 440	Selected Topic in World Literature IV (Inactive)	Summer 2011	Delete	
HIST 437	Fighting for God: Religion, Conflict and the State from Antiquity to the C	Fall 2018	Retain as Temporarily Withdrawn	
SPAN 305	Spanish for Business (Inactive)	Fall 2017	Retain as Temporarily Withdrawn	



Faculty of Education

MEMO

Undergraduate Programs

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ATTENTION: Wade Parkhouse, Chair, Senate
Committee on Undergraduate Studies

FROM: Margaret MacDonald, Director, Undergraduate Programs and
Chair, Undergraduate Programs Committee

RE: Active and Temporarily Withdrawn Courses

DATE: April 26, 2021

Dear Wade,

- 1) We would like to retain EDUC 339, 349, 435, 438, 439, 441, 449 and 492 as active pending offering in the near future.
- 2) We would like to retain EDUC 479 and add EDUC 433, 450, 484 and 485W as Temporarily Withdrawn.



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: ARCH 131 or any lower division ARCH, BISC, HSCI, or BPK course.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2022

RATIONALE (must be included)

The addition of the prerequisites above will make ARCH 373 more broadly accessible to students outside of Archaeology.



COURSE SUBJECT ARCH NUMBER 388 TITLE Geoarchaeology

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

Course number [] Units [] Prerequisite [X]
Title [] Description [] Equivalent Statement []

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

Prerequisite: ARCH 101 or ARCH 201 or EASC 101 or GEOG 111. ARCH 285 or a minimum of 12 units from any program. Students with credit for ARCH 438 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 addition of the prerequisites above will make ARCH 388 more broadly accessible to students outside of Archaeology.

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: ~~ARCH 388 (previously ARCH 438) or GEOG 317 or GEOG 318.~~ ARCH 285 or a minimum of 24 units from any program. Students with credit for ARCH 367 STT: Soil Micromorphology may not take this course for further credit.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

RATIONALE (must be included)

The addition of the prerequisites above will make ARCH 428 more broadly accessible to students outside of Archaeology.



COURSE SUBJECT ARCH NUMBER 442 TITLE Forensic Anthropology

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

Course number [] Units [] Prerequisite [X]
Title [] Description [] Equivalent Statement []

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

Prerequisite: ARCH 373 or CRIM 357, BPK 303, BPK 324, BPK 325, BPK 326. ARCH 373 is recommended.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2022

RATIONALE (must be included)

The addition of the prerequisites above will make ARCH 442 more broadly accessible to students outside of Archaeology.



COURSE SUBJECT ARCH NUMBER 452 TITLE Ancient Health and Disease

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

- Course number [] Units [] Prerequisite [X]
Title [] Description [] Equivalent Statement []

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

Prerequisite: ARCH 373 or HSCI 321, HSCI 324, BPK 303, BPK 324, BPK 325, BPK 326. ARCH 373 is recommended. Students who have taken ARCH 332 under this topic 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 addition of the prerequisites above will make ARCH 452 more broadly accessible to students outside of Archaeology.

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).

The city as human-natural system; its processes and interactions in urban environmental policy and practice; with attention to historical and theoretical context. Prerequisite: 60 units, ~~or enrolment in a Sustainable Community Development program;~~ and one of GEOG 362, 363, ~~or~~ SCD 301 or SD 381.

EFFECTIVE TERM AND YEAR FOR CHANGES

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



RATIONALE (must be included)

Revisions to the SD Certificate, removal of Sustainable Community Development programs in REM.

MEMORANDUM

To: Kris Nordgren, Assistant Registrar, Senate and Academic Services
From: Paul Kingsbury, FENV, Chair, UCC

Re: Faculty of Environment Temporarily Withdrawn Courses

April 9, 2021

Please find below a list of various courses, which have not been offered in the past 6 terms or are currently classified as Temporarily Withdrawn, with our desired actions from the Faculty of Environment.

Designate as Temporarily Withdrawn:

GEOG 362

Delete:

GEOG 265, 301

Retain as Temporarily Withdrawn:

GEOG 319, 412, 413, 415, 441, 440W

Retain the course as active pending it being offered in the near future.

ARCH 365 (possible Spring 2022 delivery), 428 (possible Summer 2023 delivery)

ARCH 450, 451 (These courses are required upper division practicum courses for the COOP program. ARCH advises they need to have these courses available even though they don't have that many coop students).

GEOG 381 (i.e. move to active status as it will be offered Fall 2021 (also approved at March SCUS)

GEOG 453, 455, 497

Per my October 20, 2020 memorandum to you, I requested the reinstatement of GEOG 362 and GEOG 455, which will be offered in Fall 2021.

Notes:

ENV 452 is now REM 452 (approved February 6, 2020 SCUS meeting)

ENV 412 will become SD 412 in Spring 2022 (pending May 6, 2021 SCUS approval)

Thank you for your work. Please let me know if you have any questions about the above or require further information.

Sincerely,

A handwritten signature in black ink, consisting of several overlapping loops and a final flourish.

Dr. Paul Kingsbury
Associate Dean, Undergraduate, Faculty of Environment

COURSE SUBJECT NUMBER TITLE

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

Course number Units Prerequisite
 Title Description Equivalent Statement

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

Environmental Education REM 452 (8)

Examines the educational problems entailed in developing human awareness and understanding of the environment. Explores environmental issues through a multi-disciplinary approach and ~~develops an understanding of challenges, opportunities, strategies and possible solutions~~ relates historical and contemporary problems in human-environment interactions to school curricula from the elementary to the secondary level. Includes a laboratory component. Grading will be on a pass/fail basis. A field activity fee will be levied in this course. Normally offered in summer term only. Prerequisite: 90 units or permission of instructor. Students may be required to successfully complete a Criminal Record Check. Students with credit for EDUC 452, EDUC 454 or ENV 452 may not take this course for further credit. Quantitative/Breadth-Science.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

RATIONALE (must be included)

Updating the course to be consistent with cross-listed course EDUC 452, including adding the mandatory course fee and updating the course grading to P/F basis as part of the competency based grading system.

COURSE SUBJECT	ENV	NUMBER	412	TITLE	Technologies, Cultures and a Sustainable World
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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 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).

ENV SD 412 - Technologies, Cultures and a Sustainable World (3)

Technology issues relevant to global sustainable development are considered from engineering, historical and anthropological perspectives. Topics include hydroelectric dams, alternative power generation systems, and the science of climate change. In-depth case studies emphasize interdisciplinary exploration of these themes. ~~Students wishing B-Sci credit should take ENSC 412.~~ Prerequisite: Minimum 60 credit hours. Students may take only one of SD 412, ENSC 412 ~~and or ENV 412~~ for credit. ~~Breadth-Social Sciences-Science.~~

EFFECTIVE TERM AND YEAR FOR CHANGES

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

Spring 2022

RATIONALE (must be included)

REM is in the process of taking responsibility for the Sustainable Development (SD) program and updating its credentials. We would like to include this course as an elective and so it makes sense that it shifts from the ENV code (hosted in the Dean's Office) to SD (hosted by REM). Accordingly, as the course is cross listed with ENSC (who teach it) we have adjusted the equivalency statement as well. We also note that there is a discrepancy between the two cross listings in terms of WQB and that these are not consistent. So we are deleting the separate and confusing Breadth-Social Science listing on ENV 412 to conform with the Breadth-Science listing on ENSC 412.



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: ~~BISC 305, or BPK 305, or BPK 306~~ BISC 205 (or BPK 205) and MBB 231 with a grade of C- or better. Students who have taken special topics courses BISC 471 or 473 with the title "Sensory Biology" 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)

Rationale: The pre-requisites have been changed to bring them in line with other BISC upper division Physiology courses where pre-requisites were changed after BISC 205 Principles of Physiology was introduced and became the required Physiology course in the BISC Major. The LD Physiology courses, when combined with MBB 231, provide the necessary background for the UD course. This change also removes the need for students to take an additional course to access BISC 425.

COURSE SUBJECT NUMBER TITLE

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

Course number Units Prerequisite
 Title Description Equivalent Statement

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

~~A comparative study of basic physiological mechanisms in invertebrates and vertebrates.~~ A study of major physiological systems, with an emphasis on understanding the physics underpinning physiological mechanisms.

Prerequisite: BISC 205 (or BPK 205) and MBB 231 and ~~PHYS 102 (or PHYS 121 or 126 or 141)~~ with a grade of C- or better.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

RATIONALE (must be included)

Rationale: The course description is being changed to better reflect the course content now that BISC 205 Principles of Physiology has replaced BISC 305 or BISC 366 as the required Physiology course in the BISC Major.

The prerequisites were updated to improve access to the course and remove the redundant Physics prerequisite. Physics 102 is required by BISC 205 and BPK 205.



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 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).

Principles and concepts of the transmission of genetic information ~~treated comparatively in man, animal, plant and microbe.~~

EFFECTIVE TERM AND YEAR FOR CHANGES

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



RATIONALE (must be included)

Rationale: The course description was updated to remove the use of “man”, and simplified rather than change the description to human, animal, plant and microbe.

COURSE SUBJECT NUMBER TITLE

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

Course number Units Prerequisite

Title Description Equivalent Statement

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

FROM:

Investigation of the physicochemical processes responsible for the origin of metamorphic rocks. Integrated study of the mineralogy, textures and phase relations through examination of hand sample and petrographic thin sections. Prerequisite: ~~Pre/Co-requisite: EASC 301 and 302.~~ All with a grade of C- or better.

TO:

Investigation of the physicochemical processes responsible for the origin of metamorphic rocks. Integrated study of the mineralogy, textures and phase relations through examination of hand sample and petrographic thin sections. Prerequisite: EASC 301, with a grade of C- or better. EASC 302 recommended.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

RATIONALE (must be included)

Content within EASC 311 can handle the relevant material from EASC 302. This change will provide greater flexibility for student progression. EASC 301 cannot serve as a corequisite for EASC 311.



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).

FROM:
 Elements of the petroleum system, including basin type, source rock origination, migration, and trapping mechanisms. Techniques used to identify and map potential hydrocarbon reservoirs in the subsurface, including geophysical methods, surface mapping, well log correlation, and core/chip sample descriptions will be discussed. This material will be presented in a context that demonstrates the life cycle of a hydrocarbon field from exploration (early), delineation (assessment), and production (mature) stages. Datasets available during different stages of development will be discussed in light of their pertinence to optimal reservoir performance. Prerequisite: EASC 304, ~~EASC 309~~. All with a grade of C- or better.

TO:
 Elements of the petroleum system, including basin type, source rock origination, migration, and trapping mechanisms. Techniques used to identify and map potential hydrocarbon reservoirs in the subsurface, including geophysical methods, surface mapping, well log correlation, and core/chip sample descriptions will be discussed. This material will be presented in a context that demonstrates the life cycle of a hydrocarbon field from exploration (early), delineation (assessment), and production (mature) stages. Datasets available during different stages of development will be discussed in light of their pertinence to optimal reservoir performance. Prerequisite: EASC 201, EASC 207, EASC 304. All with a grade of C- or better.

EFFECTIVE TERM AND YEAR FOR CHANGES

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

RATIONALE (must be included)

EASC 309 is no longer needed as an upper division prerequisite, as EASC 420 now discusses sedimentary basins in sufficient detail to handle their role in the development of petroleum systems. The two relevant prerequisites for EASC 309 (EASC 201 and EASC 207) are retained and now listed. Both are essential for successful completion of EASC 420 and are program requirements for all majors. This change will help to streamline student progression and increase the availability of EASC 420 for majors.