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MEMORANDUM

ATTENTION Senate  
FROM Wade Parkhouse, Chair  
Senate Committee on  
Undergraduate Studies  
RE: Course Modifications (SCUS 19-52)

DATE September 13, 2019  
PAGES 1/1

**For information:**

Acting under delegated authority at its meeting of September 12, 2019 SCUS approved the following curriculum revisions effective Summer 2020.

**a. Faculty of Environment**

1. Department of Geography (SCUS 19-51)

- (i) Temporarily withdraw GEOG 323 and 383 (Spring 2020)

**b. Faculty of Communication, Art and Technology**

1. School of Interactive Arts and Technology

- (i) Prerequisite change for IAT 395 (Fall 2020)

**c. Faculty of Environment**

1. Department of Geography

- (i) B-Hum designation for GEOG 100 (already designated B-Soc)
- (ii) B-Soc designation for GEOG 386
- (iii) Description change to GEOG 213 (Fall 2020)
- (iv) Description, prerequisite, equivalency change for GEOG 312 (Fall 2020)

**d. Faculty of Science**

1. Department of Mathematics

- (i) Description change for MATH 190

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>.



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MEMORANDUM

Attention: Wade Parkhouse, Chair, SCUS  
 From: David Burley, FENV UCC Chair  
 Date: October 22, 2018  
 Re: Faculty of Environment (FENV) – Curriculum Changes for SCUS

Please find attached the following submissions from the Faculty of Environment to SCUS.

Memos from (a) Duncan Knowler, UGSC Chair, REM; (b) Gwen Litchfield, Program Manager, Science & Environment Co-op; (c) Dennis Sandgathe, UGSC Chair, Archaeology; and (d) Geoff Mann, UGSC Chair, Geography, to David Burley, UCC Chair re. October 5, 2018 meeting.

1. Course Changes/Modifications
  - a. ARCH 323 – Title Change
  - b. ARCH 451 – Description Change
  - c. ENV 404 – Description Change
  - d. EVSC 482 – Description Change
  - e. GEOG 323 – Temporary Withdrawal
  - f. GEOG 327 – Prerequisite Change
  - g. GEOG 377 – Prerequisite Change
  - h. GEOG 383 – Temporary Withdrawal
  - i. GEOG 385 – Prerequisite Change
  - j. GEOG 389W – Prerequisite Change
  - k. GEOG 409 – Description Change
2. Program Suspension
  - a. BA Environmental Specialty

Thanks,  
 Dave

A handwritten signature in blue ink that reads "David Burley".



FACULTY OF ENVIRONMENT  
Department of Geography

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**To:** David Burley, Associate Dean, Faculty of Environment  
**From:** Geoff Mann, Chair, Undergraduate Studies Committee, Geography  
**Re:** Temporarily course withdrawal; minor prerequisite changes; program suspension  
**Date:** 25 September 2018

The following changes have been discussed and approved by the Department of Geography Undergraduate Executive Committee and are submitted to the Chair of the Faculty of Environment Undergraduate Curriculum Committee for consideration at its meeting on October 5, 2018.

**1. Course Temporary Withdrawal**

- GEOG 323 – Industrial Location (4)
  - GEOG 383 – Regional Development & Planning (4)
- Both courses had been taught by colleagues who are no longer with the department and, currently, we have no other instructors to teach them. This might change in the future, however.

**2. Course change/modification (all prerequisite changes to include REM 100 (substitutable with GEOG 100))**

- GEOG 327 – Geography of Tourism
- GEOG 377 – Environmental History
- GEOG 385 – Food and the City
- GEOG 389W – Nature and Society
- 

**3. Program Suspension**

- B.A. Environment Specialty  
The Department would like to suspend admission to the B.A. Environmental Specialty, as part of the ongoing restructuring of Geography's undergraduate programs, with fewer, more streamlined, better differentiated programs. At present, the B.A. Environment Specialty treads much of the same ground as the BEnv GES, and it is of diminishing interest to students.



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).

Prerequisite: 45 units, ~~including IAT 338.~~ Corequisite: IAT 396 and IAT 397.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

**RATIONALE** (must be included)

The current prerequisites do not accurately reflect the sequence in which students take these courses to complete this Field School program.



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**MEMORANDUM**

**ATTENTION** Paul Kingsbury, Associate Dean,  
FENV **DATE** July 16, 2019

**FROM** Susan Rhodes,  
Director, University Curriculum &  
Institutional Liaison **PAGES** 1

**RE:** GEOG B-Hum approval

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The University Curriculum Office has approved the addition of **B-Hum** designation to the following GEOG course, effective Summer 2020 (1204):

GEOG 100-3 Our World: An Introduction to Human Geography - **B-Hum/Soc**

This course is already designated B-Soc. Revisions to the content to incorporate more humanities orientation in addition to social science have taken place over the past 3 years.

Please forward this memo to your Faculty UCC, SCUS and Senate for further approval.

cc: Geoff Mann, UCC Chair, Department of Geography



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**MEMORANDUM**

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**ATTENTION** Paul Kingsbury, Associate Dean,  
FENV **DATE** August 2, 2019

**FROM** Susan Rhodes,  
Director, University Curriculum &  
Institutional Liaison **PAGES** 1

**RE:** GEOG B-Soc approval

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The University Curriculum Office has approved **B-Soc** designation of the following GEOG course, effective Summer 2020 (1204):

GEOG 386-4 Health Geography - **B-Soc**

Please forward this memo to your Faculty UCC, SCUS and Senate for further approval.

cc: Geoff Mann, UCC Chair, Department of Geography



<b>COURSE SUBJECT</b>	GEOG	<b>NUMBER</b>	213	<b>TITLE</b>	Introduction to Geomorphology
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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).

GEOG 213 – Introduction to Geomorphology  
 An examination of landforms, processes, laws, and theories of development; types and distributions. An exploration of the processes that shape Earth's surface and the landforms that result. Prerequisite: [GEOG 111](#) or [EASC 101](#).  
 Quantitative/Breadth-Science.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Fall 2020

**RATIONALE** (must be included)

The description has been reworked to more clearly describe course content.



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 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).

GEOG 312 – Geography of Natural Hazards (4)  
~~An introduction to the occurrence and origin of natural hazards such as volcanic eruptions, landslides, etc. Interaction between the relevant natural processes and society will be examined, as well as prediction of natural events and the amelioration of the effects of such events within different cultural contexts.~~  
An exploration of human response to our hazardous Earth. The dynamic causes of natural hazards such as earthquakes, hurricanes, landslides and floods will be illustrated. Students will gain an appreciation for how humans perceive, predict, and recover from hazards and how their effects may be reduced. Prerequisite: One of GEOG 100, 104 or 111 or one of EASC 101 or 104. ~~Students with credit for GEOG 212 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)

This course looks at both social impacts and geophysical causes of natural hazards and is ideally suited to promote discussion between social science and natural science students. The course description has been updated to appeal to students from both backgrounds and a section on what students can expect to leave the course with has been added.

The course design investigates hazards from both natural science and social science perspectives and so the prerequisites have been updated to broaden the accessibility of the course to students coming from both backgrounds. GEOG 212 has not been offered in 19 years and so the statement regarding it has been removed.

COURSE SUBJECT	MATH	NUMBER	190	TITLE	Principles of Mathematics for Teachers
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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).

~~Mathematical ideas involved in number systems and geometry in the elementary school curriculum. Overview of the historical development of these ideas, and their place in contemporary mathematics. Language and notation of mathematics; problem solving; whole number, fractional number, and rational number systems. Plane geometry, solid geometry, metric geometry, and the geometry of the motion. Introduction to probability and statistics. Quantitative.~~

Designed for students pursuing a career as an elementary school teacher. Topics are drawn from number systems as well as plane, solid, and metric geometry. Examination of the historical and cultural development of mathematical ideas and their place in contemporary mathematics. Emphasis on deep understanding of mathematical concepts and on multiple representations: physical, pictorial, and symbolic. Detailed topics include: problem solving, bases, whole and fractional numbers and their arithmetic operations, number theory, ratios, rates, percent, polygons, polyhedra, symmetries, transformations, and measurements. Quantitative.

**EFFECTIVE TERM AND YEAR FOR CHANGES**

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

Summer 2020



**RATIONALE** (must be included)

While the curriculum and manner in which the course is taught has been updated over the years to reflect the guidelines provided by BCCUPMS, the calendar description has not been updated.