



OFFICE OF THE ASSOCIATE VICE-PRESIDENT, ACADEMIC

8888 University Drive,
Burnaby, BC
Canada V5A 1S6

TEL: 778.782.4636
FAX: 778.782.5876

avpcio@sfu.ca
www.sfu.ca/vpacademic

MEMORANDUM

ATTENTION	Senate	DATE	April 8, 2016
FROM	Gordon Myers, Chair	PAGES	1/1
	Senate Committee on		
	Undergraduate Studies		
RE:	Faculty of Health Sciences (SCUS 16-14)		

A handwritten signature in black ink, appearing to read "Gordon Myers", written over a horizontal line.

For information:

Acting under delegated authority at its meeting of April 7, 2016 SCUS approved the following curriculum revisions effective Spring 2017.

1. Title and description changes for HSCI 304 and 306
2. Lower division requirement changes to the BSc Population and Quantitative Health Sciences Major and Honours programs



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HEALTH SCIENCES

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PHONE (778) 782-4821
FAX (778) 782-5927

MEMORANDUM

TO: Gord Myers and the Senate Committee on Undergraduate Studies

FROM: Mark Lechner, Director, Undergraduate Programs, Faculty of Health Sciences

RE: Course change, HSCI 304

DATE: February 24, 2016

At the Feb. 11, 2016 meeting, the Undergraduate Studies Committee in the Faculty of Health Sciences approved calendar changes to the HSCI 304 course.

Please add this item to the next SCUS meeting agenda.

Regards,

A handwritten signature in black ink, appearing to read "Mark S. Lechner".

Mark S. Lechner

FACULTY OF HEALTH SCIENCES
BLUSSON HALL, ROOM 11300,
SIMON FRASER UNIVERSITY,
8888 UNIVERSITY DRIVE,
BURNABY BC,
CANADA, V5A 1S6



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MEMORANDUM

TO: Gord Myers and the Senate Committee on Undergraduate Studies

FROM: Mark Lechner, Director, Undergraduate Programs, Faculty of Health Sciences

RE: Program changes to the BSc PQHS concentration and course change (HSCI 306)

DATE: March 11, 2016

At the Mar. 10, 2016 meeting, the Undergraduate Studies Committee in the Faculty of Health Sciences approved calendar changes to the lower division requirements in the BSc Population and Quantitative Health Science concentration (major and honours). The committee also approved changes to the HSCI 306 course description.

Please add these items to the next SCUS meeting agenda.

Regards,

A handwritten signature in black ink, appearing to read "Mark S. Lechner".

Mark S. Lechner

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CANADA, V5A 1S6

COURSE SUBJECT HSCI

NUMBER 304

TITLE Perspectives on Environmental Health

INSTRUCTIONS (OVERALL):

1. Using Microsoft Word draft changes using the following guideline. Paste in box below.
2. Rationale must be included. If more space is needed than provided below, please use the provided text box on page 2 of this document.
3. Indicate term = Fall, Spring, Summer

TYPE OF CHANGES RECOMMENDED

Please check appropriate revision(s):

☐ Course number ☐ Credit ☒ Title ☒ Description ☐ Prerequisite
WORDING/DESCRIPTION EDITS

4. Indicate deleted or changed text using striketthrough.
5. Indicate added or new text using underline.
6. Equivalent courses: preclusion statement should read:
 - a. Students with credit for x cannot take y for further credit.

HSCI 304 Perspectives on ~~Environmental Health~~ Human Health and the Environment (3)

Environmental risks and ~~the impact of human activity on their~~ impacts on human health. Chemical and biological hazards. Methodological approaches to their detection, assessment, management, and mitigation.

Prerequisite: Two HSCI 200-level courses one of which may be taken concurrently.

SAMPLE

POL 223 ~~Canadian~~ American Political Economy (3)

~~An introductory study of America's~~ Canada's political economy, stressing the interrelated nature of Canada's economic and political life. ~~The course~~ Focuses on current economic problems and policies, taking into account the geographical, historical and political environments. Topics include the resource and industrial structures, research and development, the public sector, fiscal and monetary policy, the role of the state, trade and foreign ownership, energy, regional disparity, corporate concentration and the political economy of federalism.

~~This course is identical to CNS 280 and students cannot take both courses for credit.~~

Students with credit for CNS 280 cannot take POL 223 for further credit.

Recommended Pre-requisite: POL 100 or 101W.

Breadth – Social Sciences.

RATIONALE

If more space is needed, please use the provided text box on page 2 of this document

Many students find the existing title and description misleading, as they imply a focus on the health of the environment. The proposed changes more accurately describe the content of this course, which focuses on links between the environment and human health.

EFFECTIVE TERM AND YEAR, FOR CHANGES

Fall, Spring, Summer and year

8 Spring 2017

COURSE SUBJECT NUMBER TITLE **INSTRUCTIONS (OVERALL):**

1. Using Microsoft Word draft changes using the following guideline. Paste in box below.
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3. Indicate term = Fall, Spring, Summer

TYPE OF CHANGES RECOMMENDED

Please check appropriate revision(s):

☐ Course number ☐ Credit ☐ Title ☒ Description ☐ Prerequisite
WORDING/DESCRIPTION EDITS

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 - a. Students with credit for x cannot take y for further credit.

HSCI 306 Principles of Health Economics (3)

~~A study of micro- and macro-economic concepts used in the pursuit of better health and health care. Choices within limited resources; economic evaluation of efficiency, equity, elasticity of health systems; policy and regulatory issues. Prerequisite: Two HSCI 200-level courses one of which may be taken concurrently.~~

Students will gain an introductory understanding of the theories and concepts that underpin economics, and be able to demonstrate how these can be applied to provide insights for health policy, health care decision making and health technology assessment. Prerequisite: Two HSCI 200-level courses, one of which may be taken concurrently.

SAMPLEPOL 223 ~~Canadian~~ American Political Economy (3)

~~An introductory study of America's~~ Canada's political economy, stressing the interrelated nature of Canada's economic and political life. ~~The course~~ Focuses on current economic problems and policies, taking into account the geographical, historical and political environments. Topics include the resource and industrial structures, research and development, the public sector, fiscal and monetary policy, the role of the state, trade and foreign ownership, energy, regional disparity, corporate concentration and the political economy of federalism.

~~This course is identical to CNS 280 and students cannot take both courses for credit.~~

Students with credit for CNS 280 cannot take POL 223 for further credit.

Recommended Pre-requisite: POL 100 or 101W.

Breadth – Social Sciences.

RATIONALE

If more space is needed, please use the provided text box on page 2 of this document

The description is misleading. It was written some years ago, long before a health economics course was offered in the Faculty of Health Sciences. The course description is a better reflection of the actual course content.

EFFECTIVE TERM AND YEAR, FOR CHANGES

Fall, Spring, Summer and year

Changes to the BSc Population and Quantitative Health Sciences Major *and* Honours program:

Rationale: Many students attempting to start or complete this major or honours program, have taken ECON103 or ECON105 which are quantitative courses and therefore suitable to include in lower division requirements alongside the ECON102 and ECON104 course options. Moving the CHEM 121 to the required course list ensures that BSc majors will obtain a foundational knowledge in chemistry.

Population and Quantitative Health Sciences Concentration Lower Division Requirements

Students complete all of

BISC 101 - General Biology (4)

BISC 102 - General Biology (4)

BISC 202 - Genetics (3)

CHEM 121 - General Chemistry and Laboratory I (4)

HSCI 130 - Foundations of Health Science (4)

MATH 154 - Calculus I for the Biological Sciences (3)

and at least ~~five~~four of

~~CHEM 121 - General Chemistry and Laboratory I (4)~~

CHEM 122 - General Chemistry II (2)

CHEM 281 - Organic Chemistry I (4)

CHEM 282 - Organic Chemistry II (2)

CMPT 120 - Introduction to Computing Science and Programming I (3)

~~ECON 102 - The World Economy (3)~~

~~ECON 104 - Economics and Government (3)~~

MATH 155 - Calculus II for the Biological Sciences (3)

PHYS 101 - Physics for the Life Sciences I (3)

including a maximum of two that may be chosen from the following:

ECON 102 - The World Economy (3)

ECON 103 - Principles of Microeconomics (4)

ECON 104 - Economics and Government (3)

ECON 105 - Principles of Macroeconomics (4)