




OFFICE OF THE ASSOCIATE VICE-PRESIDENT, ACADEMIC AND
ASSOCIATE PROVOST

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MEMORANDUM

ATTENTION	Senate	DATE	January 11, 2013
FROM	Gordon Myers, Chair Senate Committee on Undergraduate Studies	PAGES	1/1
RE:	Faculty of Health Sciences (SCUS 12-53)		

For information:

Acting under delegated authority at its meeting of January 10, 2013, SCUS approved the following curriculum revision effective Fall 2013:

1. Prerequisite changes to: HSCI 100, 406, 442 and 477



SIMON FRASER UNIVERSITY
ENGAGING THE WORLD

FACULTY OF HEALTH SCIENCES

PHONE (778) 782-4821
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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: SCUS Agenda Items

DATE: November 27, 2012

On October 1, 2012 the Faculty of Health Sciences Undergraduate Studies Committee approved pre-requisite changes to the following courses:

- HSCI100-3 Human Biology
- HSCI406-3 Global Perspectives in Indigenous Health
- HSCI442-4 Immunology Laboratory
- HSCI477-3 Seminar in Vaccine Immunology

Please place these items on the agenda for the next SCUS meeting.

Regards,

A handwritten signature in black ink, appearing to read "Mark S. Lechner", written in a cursive style.

Mark S. Lechner

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



EXISTING COURSE, CHANGES RECOMMENDED

Please check appropriate revision(s):

Course number Credit Title Description Prerequisite Course deletion Learning Outcomes

Indicate number of hours for: Lecture _____ Seminar _____ Tutorial _____ Lab _____

FROM TO
Course Subject/Number HSCI 100 Course Subject/Number _____

Credits _____ Credits _____

TITLE

(1) Long title for calendar and schedule, no more than 100 characters including spaces and punctuation.

FROM: TO:

Human Biology

(2) Short title for enrollment and transcript, no more than 30 characters including spaces and punctuation.

FROM: TO:

DESCRIPTION

FROM:

DESCRIPTION

TO:

PREREQUISITE

Does this course replicate the content of a previously approved course to such an extent that students should not receive credit for both courses?

If so, this should be **noted in the prerequisite.**

FROM:

Students with credit for BISC 101 and 102 may not take HSCI 100 for further credit.

TO:

Students with credit for BISC 101 may not take HSCI 100 for further credit.

LEARNING OUTCOMES

1. Explain the basic biological principles that underlie human health and well-being.
2. Describe broadly the organization and regulation of the major biological systems in humans.
3. Describe the biological basis of several common human diseases.
4. Discuss basic interactions between the human genotype, its environment and the resulting phenotype.
5. Evaluate the role that evolutionary theory could play in medicine and public health.
6. Explain and apply the scientific method.

RATIONALE

Requiring two BISC courses (8 units) in place of HSCI100 is onerous, and the content in BISC101 is used as an alternate pre-requisite for several upper level courses in Health Sciences

Effective term and year _____ Fall 2013 _____



EXISTING COURSE, CHANGES RECOMMENDED

Please check appropriate revision(s):

Course number Credit Title Description Prerequisite Course deletion Learning Outcomes

Indicate number of hours for: Lecture 3 Seminar _____ Tutorial _____ Lab _____

FROM Course Subject/Number HSCI 406 **TO** Course Subject/Number _____

Credits 3 Credits _____

TITLE Global Perspectives in Indigenous Health

(1) Long title for calendar and schedule, no more than 100 characters including spaces and punctuation.

FROM: _____ **TO:** _____

(2) Short title for enrollment and transcript, no more than 30 characters including spaces and punctuation.

FROM: _____ **TO:** _____

DESCRIPTION **DESCRIPTION**
FROM: _____ **TO:** _____

PREREQUISITE **PREREQUISITE**
Does this course replicate the content of a previously approved course to such an extent that students should not receive credit for both courses?
If so, this should be **noted in the prerequisite.**
FROM: 60 units including one HSCI course **TO:** 60 units and completion of HSCI 305 and either HSCI 340 or HSCI 319W.

LEARNING OUTCOMES

RATIONALE New prerequisites establish foundation in social and policy perspectives and core skills in writin

Effective term and year Fall 2013



EXISTING COURSE, CHANGES RECOMMENDED

Please check appropriate revision(s):

Course number Credit Title Description Prerequisite Course deletion Learning Outcomes

Indicate number of hours for: Lecture 2/wk Seminar _____ Tutorial _____ Lab 4/wk (no change)

FROM Course Subject/Number HSCI 442 TO Course Subject/Number (same)

Credits _____ Credits _____

TITLE

(1) LONG title for calendar and schedule, no more than 100 characters including spaces and punctuation.

FROM: Immunology Laboratory TO: (same)

(2) SHORT title for enrollment and transcript, no more than 30 characters including spaces and punctuation.

FROM: _____ TO: _____

DESCRIPTION

FROM: _____ TO: _____

PREREQUISITE

Does this course replicate the content of a previously approved course to such an extent that students should not receive credit for both courses? If so, this should be noted in the prerequisite.

FROM: HSCI/MBB426 and MBB308 TO: HSCI/MBB426 and one of MBB308, BISC303 or MBB309W

LEARNING OUTCOMES

Knowledge and understanding of fundamental concepts in immunology and immunobiology and research techniques, methods and analyses related to immunology.

RATIONALE

Adding BISC303 and MBB309W expected to create greater flexibility for students while maintaining pre-req level knowledge (with HSCI426) and potentially increasing enrollment. Adding 2h lecture requested based on student feedback to enhance delivery of experimental background and writing/review of experimental data/lab reports, in line with BISC & MBB labs.

Effective term and year Fall 2013



EXISTING COURSE, CHANGES RECOMMENDED

Please check appropriate revision(s):

Course number Credit Title Description Prerequisite Course deletion Learning Outcomes

Indicate number of hours for: Lecture _____ Seminar _____ Tutorial _____ Lab _____

FROM Course Subject/Number HSCI 477 TO Course Subject/Number (same)

Credits _____ Credits _____

TITLE

(1) LONG title for calendar and schedule, no more than 100 characters including spaces and punctuation.

FROM: Seminar in Vaccine Immunology TO: (same)

(2) SHORT title for enrollment and transcript, no more than 30 characters including spaces and punctuation.

FROM: TO:

DESCRIPTION

FROM:

DESCRIPTION

TO:

PREREQUISITE

Does this course replicate the content of a previously approved course to such an extent that students should not receive credit for both courses? If so, this should be noted in the prerequisite.

FROM: HSCI/MBB426 and BISC303 TO: HSCI/MBB426

LEARNING OUTCOMES

Knowledge and understanding of current scientific literature related to infectious diseases and vaccine research, general concepts of vaccination/vaccines, immunological aspects of vaccinology, correlates of immune protection, and the concept of adjuvantation.

RATIONALE

HSCI/MBB426 determined as providing sufficient background as pre-req and most students expected to have taken at least one related lab course in HSCI, MBB or BISC by the time they enroll in HSCI 477; having BISC303 as pre-req superfluous.