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MEMORANDUM

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ATTENTION Senate  
FROM Bill Krane, Chair  
Senate Committee on Undergraduate  
Studies  
RE: Faculty of Health Sciences (SCUS 11-10)

DATE February 8, 2011  
PAGES 1/1

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**For information:**

Acting under delegated authority at its meeting of February 3, 2011, SCUS approved the following curriculum revisions effective Fall 2011:

- (i) The change in description, prerequisite or course number for HSCI 305, 307, 319, 320, 330, 349, 403, 404-407, 431, 474, 478, 483

Senators wishing to consult a more detailed report of curriculum revisions may do so on the Web at [http://www.sfu.ca/senate/Senate\\_agenda.html](http://www.sfu.ca/senate/Senate_agenda.html) following the posting of the agenda. If you are unable to access the information, please call 778-782-3168 or email [shelley\\_gair@sfu.ca](mailto:shelley_gair@sfu.ca).



SIMON FRASER UNIVERSITY  
THINKING OF THE WORLD

## FACULTY OF HEALTH SCIENCES

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# MEMORANDUM

**TO:** SCUS *KKC*  
**FROM:** Kitty Corbett, Director, Undergraduate Programs, Faculty of Health Sciences  
**DATE:** Jan. 25, 2011  
**RE:** Faculty of Health Sciences curriculum items  
**CC:** Jo Hinchliffe; John O'Neil

The Faculty of Health Sciences has approved various minor changes for some upper division courses. We are submitting these proposals to SCUS for consideration. Please place these on the agenda of the next SCUS meeting for discussion and a vote.

### COURSE CHANGES:

Course Name	Change Type
HSCI 305 - 3 The Canadian Health System	Course Description, Prerequisite
HSCI 307 - 3 Research Methods in Health Sciences	Course Description
HSCI 319W - 3 Applied Health Ethics	Prerequisite
HSCI 320 - 3 Global Health Ethics	Course Number, Prerequisite
HSCI 330 - 3 Exploratory Strategies in Epidemiology	Prerequisite
HSCI 349 - 3 Community and Health Service	Course Number, Prerequisite
HSCI 403 - 3 Health and the Built Environment	Course Number, Prerequisite
HSCI 404 - 3 Public Policy and Health Systems	Prerequisite
HSCI 406 - 3 Global Perspectives in Indigenous Health	Prerequisite
HSCI 407 - 3 International Trade Agreements and Health Policy	Prerequisite
HSCI 431 - 3 The Global HIV/AIDS Epidemic	Prerequisite
HSCI 474 - 3 Seminar in Neuropharmacology	Prerequisite
HSCI 478 - 3 Seminar in Molecular Epidemiology of Infectious Diseases	Prerequisite
HSCI 483 - 3 Senior Seminar in Environmental Health	Prerequisite

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**SIMON FRASER UNIVERSITY**  
**Senate Committee on Undergraduate Studies**  
**Course Change/Deletion Form**

Existing Course Number/Title: **HSCI 305 - 3 The Canadian Health System**

Please check appropriate revision(s) being recommended:

Course Number: \_\_\_\_\_ Credit Hour: \_\_\_\_\_ Title: \_\_\_\_\_

Description:  Prerequisite:  State number of hours for:  
Lect ( ) Sem ( ) Tut ( ) Lab ( )

Course deletion: \_\_\_\_\_

**FROM:**

Description:

A comparative analysis of the Canadian health care and delivery systems. Organizational principles, health resources, access to care, service utilization, health care planning, and health promotion strategies. Societal and political issues that affect the Canadian health system.

Prerequisite:

45 units, including either HSCI 130 or KIN 140.

**TO:**

Description:

A comparative analysis of Canadian health care financing and delivery systems and policies. History, organizational principles, health care resources, costs, access to care, quality, and equity. Societal and political issues, threats, and values that affect Canada's health care system and other systems around the world.

Prerequisite:

60 units, including 9 HSCI units.

**RATIONALE:**

**The increase of prerequisite units will assure appropriate scaffolding to be able to present the course content at a higher level. The new description is a better representation of the emphasis in the course as it is now taught.**

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 pre-requisite.

**N/A**

Effective semester and year Fall 2011

**SIMON FRASER UNIVERSITY**  
**Senate Committee on Undergraduate Studies**  
**Course Change/Deletion Form**

Existing Course Number/Title: **HSCI 307 - 3 Research Methods in Health Sciences**

Please check appropriate revision(s) being recommended:

Course Number: \_\_\_\_\_ Credit Hour: \_\_\_\_\_ Title: \_\_\_\_\_

Description:  Prerequisite: \_\_\_\_\_ State number of hours for:  
Lect ( ) Sem ( ) Tut ( ) Lab ( )

Course deletion: \_\_\_\_\_

**FROM:**

Description:

Principles and applications in the contemporary research methodology in health sciences - strengths and weaknesses, successes and failures. Includes research methods associated with systematic health assessment and health planning.

**TO:**

Description:

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.

**RATIONALE:**

**The new description is a better representation of the emphases in the course as it is now taught.**

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 pre-requisite.

**N/A**

Effective semester and year Fall 2011

**SIMON FRASER UNIVERSITY**  
**Senate Committee on Undergraduate Studies**  
**Course Change/Deletion Form**

Existing Course Number/Title: **HSCI 319W - 3 Applied Health Ethics**

Please check appropriate revision(s) being recommended:

Course Number: \_\_\_\_\_ Credit Hour: \_\_\_\_\_ Title: \_\_\_\_\_

Description: \_\_\_\_\_ Prerequisite:   X   State number of hours for:  
Lect ( ) Sem ( ) Tut ( ) Lab ( )

Course deletion: \_\_\_\_\_

**FROM:**

**Prerequisite:**

30 units of completed course work. HSCI 319 is identical to PHIL 319 and students cannot receive credit for both courses. Writing.

**TO:**

**Prerequisite:**

45 units including 9 HSCI units, one of which must be a 200-level course. HSCI 319 is identical to PHIL 319 and students cannot receive credit for both courses. Writing.

**RATIONALE:**

**The increase of prerequisite units will assure appropriate scaffolding to be able to present the course content at a higher level.**

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.

Effective semester and year     Fall 2011

**SIMON FRASER UNIVERSITY**  
**Senate Committee on Undergraduate Studies**  
**Course Change/Deletion Form**

Existing Course Number/Title: **HSCI 320 - 3 Global Health Ethics**

Please check appropriate revision(s) being recommended:

Course Number: X      Credit Hour: \_\_\_\_\_      Title: \_\_\_\_\_

Description: \_\_\_\_\_      Prerequisite: X      State number of hours for:  
Lect ( ) Sem ( ) Tut ( ) Lab ( )

Course deletion: \_\_\_\_\_

**FROM:**

Course Number:  
320

Prerequisite:  
60 credit hours of completed course work and PHIL 120W. Students who have taken HSCI 319 may not take this course for further credit.

**TO:**

Course Number:  
327

Prerequisite:  
60 units of completed course work and PHIL 120 or HSCI 319W.

**RATIONALE:**

**The change in prerequisites will assure appropriate background in philosophy for Health Sciences students (HSCI 319W is a course on Applied Health Ethics). We wish to change the course number to make it the same as that of PHIL 327, which is the same course but offered through / cross-listed with Philosophy. Philosophy is submitting PHIL 327 this semester as a new course although it is in fact not new in HSCI; they already have a PHIL320 course on the books, so we can't use that number. Students who have taken HSCI 319w may now take this advanced course.**

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 pre-requisite.

**N/A**

Effective semester and year Fall 2011

**SIMON FRASER UNIVERSITY**  
**Senate Committee on Undergraduate Studies**  
**Course Change/Deletion Form**

Existing Course Number/Title: **HSCI 330 - 3 Exploratory Strategies in Epidemiology**

Please check appropriate revision(s) being recommended:

Course Number: \_\_\_\_\_ Credit Hour: \_\_\_\_\_ Title: \_\_\_\_\_

Description: \_\_\_\_\_ Prerequisite:  State number of hours for:  
Lect ( ) Sem ( ) Tut ( ) Lab ( )

Course deletion: \_\_\_\_\_

**FROM:**

**Prerequisite:**

**STAT 302 and two HSCI 200-level courses one of which may be taken concurrently.**

**TO:**

**Prerequisite:**

**9 HSCI units including one HSCI 200-level course and either STAT 302 or STAT 305 which may be taken concurrently.**

**RATIONALE:**

**The change in prerequisite HSCI units is about scaffolding prerequisites to be able to present the course content at an appropriate level. The change from STAT 302 to STAT 305 is because STAT 305 is a new course, designed for health sciences students.**

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.

**N/A**

Effective semester and year Fall 2011

**SIMON FRASER UNIVERSITY**  
**Senate Committee on Undergraduate Studies**  
**Course Change/Deletion Form**

Existing Course Number/Title: **HSCI 349 - 3 Community and Health Service**

Please check appropriate revision(s) being recommended:

Course Number: **X**      Credit Hour: \_\_\_\_\_      Title: \_\_\_\_\_

Description: \_\_\_\_\_      Prerequisite: **X**      State number of hours for:  
Lect ( ) Sem ( ) Tut ( ) Lab ( )

Course deletion: \_\_\_\_\_

**FROM:**

Course Number:  
**349**

Prerequisite:  
**45 credit hours, either HSCI 319 or HSCI 320, and HSCI 312.**

**TO:**

Course Number:  
**449**

Prerequisite:  
**90 credit hours including HSCI 312 and HSCI 319 or HSCI 327.**

**RATIONALE:**

**Given the format, intent, and level of this experiential learning course, it is more appropriate as a senior seminar offering than a 300-level course. The increase of prerequisite units will assure the course content is presented at a higher level.**

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.

**N/A**

Effective semester and year **Fall 2011**

**SIMON FRASER UNIVERSITY**  
**Senate Committee on Undergraduate Studies**  
**Course Change/Deletion Form**

Existing Course Number/Title: **HSCI 403 - 3 Health and the Built Environment**

Please check appropriate revision(s) being recommended:

Course Number: X      Credit Hour: \_\_\_\_\_      Title: \_\_\_\_\_

Description: \_\_\_\_\_      Prerequisite: X      State number of hours for:  
Lect ( ) Sem ( ) Tut ( ) Lab ( )

Course deletion: \_\_\_\_\_

**FROM:**

Course Number:  
403

Prerequisite:  
60 units. A course in epidemiology is recommended.

**TO:**

Course Number:  
309

Prerequisite:  
60 units including one HSCI course. Students who have taken HSCI 403 may not take this course for further credit.

**RATIONALE:**

**Given the lecture format, intent, and level of this elective course, it is appropriate as a 300-level course. It has minimal HSCI prerequisites in order to allow students who are not HSCI majors to take it, although they should have at least one HSCI course. The addition of one HSCI course prerequisite will assure some background in the health sciences.**

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 pre-requisite.

Effective semester and year Fall 2011

**SIMON FRASER UNIVERSITY**  
**Senate Committee on Undergraduate Studies**  
**Course Change/Deletion Form**

Existing Course Number/Title: **HSCI 404 - 3 Public Policy and Health Systems**

Please check appropriate revision(s) being recommended:

Course Number: \_\_\_\_\_ Credit Hour: \_\_\_\_\_ Title: \_\_\_\_\_

Description: \_\_\_\_\_ Prerequisite:  State number of hours for:  
Lect ( ) Sem ( ) Tut ( ) Lab ( )

Course deletion: \_\_\_\_\_

**FROM:**

Prerequisite:  
60 units.

**TO:**

Prerequisite:  
60 units including one HSCI course.

**RATIONALE:**

**The addition of one HSCI course prerequisite is appropriate scaffolding for this fourth year seminar as it will assure some background in health sciences. It has minimal HSCI prerequisites in order to allow students who are not HSCI majors to take it.**

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 pre-requisite.

**N/A**

Effective semester and year Fall 2011

**SIMON FRASER UNIVERSITY**  
**Senate Committee on Undergraduate Studies**  
**Course Change/Deletion Form**

Existing Course Number/Title: **HSCI 406 - 3 Global Perspectives in Indigenous Health**

Please check appropriate revision(s) being recommended:

Course Number: \_\_\_\_\_ Credit Hour: \_\_\_\_\_ Title: \_\_\_\_\_

Description: \_\_\_\_\_ Prerequisite:  State number of hours for:  
Lect ( ) Sem ( ) Tut ( ) Lab ( )

Course deletion: \_\_\_\_\_

**FROM:**

Prerequisite:  
45 undergraduate units.

**TO:**

Prerequisite:  
60 units including one HSCI course.

**RATIONALE:**

**The increase of prerequisite units will assure appropriate scaffolding to be able to present the course content at a higher level. The addition of one HSCI course prerequisite will assure that all students have at least some background in health sciences.**

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.

**N/A**

Effective semester and year Fall 2011

**SIMON FRASER UNIVERSITY**  
**Senate Committee on Undergraduate Studies**  
**Course Change/Deletion Form**

Existing Course Number/Title: **HSCI 407 - 3 International Trade Agreements and Health Policy**

Please check appropriate revision(s) being recommended:

Course Number: \_\_\_\_\_ Credit Hour: \_\_\_\_\_ Title: \_\_\_\_\_

Description: \_\_\_\_\_ Prerequisite:  State number of hours for:  
Lect ( ) Sem ( ) Tut ( ) Lab ( )

Course deletion: \_\_\_\_\_

**FROM:**

**Prerequisite:**

At least 45 credit units in health sciences including HSCI 130 and HSCI 305.

**TO:**

**Prerequisite:**

At least 60 credit units in health sciences including HSCI 130, HSCI 305, and at least one other upper division HSCI course.

**RATIONALE:**

**The increase of prerequisite units will assure appropriate scaffolding to be able to present the course content at a higher level. The addition of another HSCI course prerequisite will assure that all students have advanced background in health sciences.**

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.

**N/A**

Effective semester and year Fall 2011

**SIMON FRASER UNIVERSITY**  
**Senate Committee on Undergraduate Studies**  
**Course Change/Deletion Form**

Existing Course Number/Title: **HSCI 431 - 3 The Global HIV/AIDS Epidemic**

Please check appropriate revision(s) being recommended:

Course Number: \_\_\_\_\_ Credit Hour: \_\_\_\_\_ Title: \_\_\_\_\_

Description: \_\_\_\_\_ Prerequisite:  State number of hours for:  
Lect ( ) Sem ( ) Tut ( ) Lab ( )

Course deletion: \_\_\_\_\_

**FROM:**

**Prerequisite:**

45 units. Recommended: HSCI 212, 330.

**TO:**

**Prerequisite:**

60 units including either HSCI 212 or HSCI 330.

**RATIONALE:**

**The increase of prerequisite units will assure appropriate scaffolding to be able to present the course content at a higher level. Experience teaching the course has shown that students should also have some background in epidemiology relevant to HIV/AIDS, which they can get with either HSCI 212, Perspectives in Infectious Disease, or HSCI 330, Exploratory Strategies in Epidemiology.**

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.

**N/A**

Effective semester and year Fall 2011

**SIMON FRASER UNIVERSITY**  
**Senate Committee on Undergraduate Studies**  
**Course Change/Deletion Form**

**Existing Course Number/Title: HSCI 474 - 3 Seminar in Neuropharmacology**

Please check appropriate revision(s) being recommended:

Course Number: \_\_\_\_\_ Credit Hour: \_\_\_\_\_ Title: \_\_\_\_\_

Description: \_\_\_\_\_ Prerequisite:  State number of hours for:  
Lect ( ) Sem ( ) Tut ( ) Lab ( )

Course deletion: \_\_\_\_\_

**FROM:**

**Prerequisite:**

**HSCI 323 and MBB 331, or permission of the instructor.**

**TO:**

**Prerequisite:**

**HSCI 323 and HSCI 321 or MBB 331.**

**RATIONALE:**

**HSCI 321 Human Pathophysiology is an appropriate introductory course for the material that is covered in HSCI 474. Since many of our majors take HSCI 323 and HSCI 321, this creates a larger potential number of students who are eligible and academically prepared to enroll. MBB 331 is still a suitable prerequisite for this course since it is similar in providing 3rd year scaffolding and has related content.**

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.

**N/A**

Effective semester and year Fall 2011

**SIMON FRASER UNIVERSITY**  
**Senate Committee on Undergraduate Studies**  
**Course Change/Deletion Form**

**Existing Course Number/Title: HSCI 478 - 3 Seminar in Molecular Epidemiology of Infectious Diseases**

Please check appropriate revision(s) being recommended:

Course Number: \_\_\_\_\_ Credit Hour: \_\_\_\_\_ Title: \_\_\_\_\_

Description: \_\_\_\_\_ Prerequisite:  State number of hours for:  
Lect ( ) Sem ( ) Tut ( ) Lab ( )

Course deletion: \_\_\_\_\_

**FROM:**

**Prerequisite:**  
HSCI 330, BISC 303 and MBB 331, or permission of the instructor. Recommended: HSCI 324.

**TO:**

**Prerequisite or corequisite:**  
HSCI 330 and MBB 331. Students with credit for HSCI 432 in 2010 may not take HSCI 478 for further credit.

**RATIONALE:**

**Students will have the necessary knowledge for this course through having taken HSCI 330 Exploratory Strategies in Epidemiology and MBB 331 Molecular Biology, whether they have taken BISC 303 Microbiology or not. Students with credit for HSCI 432 in 2010 may not take HSCI 478 for further credit because the way the course was taught has considerable overlap with 478. (This will not occur in the future.)**

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 pre-requisite.

Effective semester and year Fall 2011

**SIMON FRASER UNIVERSITY**  
**Senate Committee on Undergraduate Studies**  
**Course Change/Deletion Form**

Existing Course Number/Title: **HSCI 483 - 3 Senior Seminar in Environmental Health**

Please check appropriate revision(s) being recommended:

Course Number: \_\_\_\_\_ Credit Hour: \_\_\_\_\_ Title: \_\_\_\_\_

Description: \_\_\_\_\_ Prerequisite:  State number of hours for:  
Lect ( ) Sem ( ) Tut ( ) Lab ( )

Course deletion: \_\_\_\_\_

**FROM:**

**Prerequisite:**

HSCI majors with 90 units, including HSCI 304, 323 and 330, or permission from instructor.

**TO:**

**Prerequisite:**

HSCI majors with 90 units, including HSCI 304 and 330.

**RATIONALE:**

**Experience teaching the course has shown that students should also have some background in environmental health (HSCI 304), and in epidemiology (HSCI 330), but HSCI 323 Principles of Pharmacology and Toxicology is not essential for this seminar.**

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 pre-requisite.

**N/A**

Effective semester and year Fall 2011