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MEMORANDUM

ATTENTION	Senate	DATE	March 4, 2011
FROM	Bill Krane, Chair Senate Committee on Undergraduate Studies	PAGES	1/1
RE:	Faculty of Health Sciences (SCUS 11-10 Revised)		

For information:

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

1. New Course Proposal: HSCI 408-3, Plagues, Pollutants and Poverty: The Origins and Evolution of Public Health.

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 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.



SIMON FRASER UNIVERSITY
THINKING OF THE WORLD

FACULTY OF HEALTH SCIENCES

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MEMORANDUM

TO: SCUS
FROM: Kitty Corbett, Director, Undergraduate Programs, Faculty of Health Sciences
DATE: Feb. 22, 2011
RE: Faculty of Health Sciences curriculum items
CC: Jo Hinchliffe; John O'Neil

The Faculty of Health Sciences has approved one new upper division HSCI course. After receiving input from members of the History Department, we made a few minor modifications to the course description. We are submitting the revised new course proposal to SCUS for consideration at its next SCUS meeting.

New Course Name	Course(s) to be dropped
HSCI 408-3 Plagues, Pollutants and Poverty: The Origins and Evolution of Public Health	None

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SIMON FRASER UNIVERSITY
Senate Committee for Undergraduate Studies
NEW COURSE PROPOSAL

Course Number: **HSCI 408-3**

Course Title: **Plaques, Pollutants and Poverty: The Origins and Evolution of Public Health**

Short Title: **Plaques, Pollutants and Poverty**

State number of hours for Lect (3) Sem () Tut () Lab ()

Course Description (for Calendar). Attach a course outline to this proposal.

Origins and evolution of public health. Transitions in public and population health, focusing on changing concepts and interventions in public health, such as the sanitarian movement, the rise of bacteriology and vaccines, nutritional deficiencies, chronic diseases, occupational health, maternal and child health, and environmental health.

Prerequisite: HSCI majors with 90 units including HSCI 330

Corequisite: **None**

Special Instructions: i.e. 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. **No**

Course(s) to be dropped if this course is approved: **None**

Rationale for Introduction of this Course:

Knowledge of events and transitions in public health will provide students in health sciences with insights and perspectives into the origin and evolution of population sciences. The addition of HSCI 408 will give students the option of a course with more extensive grounding in the development and perspectives of public health, including the emergence of plagues and epidemics, social reforms that led to the epidemiologic transition, and the central role of public health in the decline in infant mortality and rise of life expectancy, initiatives to reduce nutritional deficiencies, the emergence of bacteriology and vaccines, occupational health, and environmental health standards.

Scheduling and Registration Information:

Indicate effective **semester/year** course would be first offered and planned **frequency** of offering thereafter. **Fall 2011; Course will be offered at least once every two years.**

Waiver required: **No**

Will this be a required or elective course in the curriculum? **Elective**

What is the probable enrolment when offered? 40

Which of your present CFL faculty have the expertise to offer this course?

Bruce Lanphear, along with guest lectures by other FHS faculty.

Are there any proposed student fees associated with this course other than tuition fees? (If so, attach mandatory supplementary fee approval form) No

Resource Implications:

Note: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by a library report and, if appropriate, confirmation that funding arrangements have been addressed.

Campus where course will be taught: **Burnaby**

Library report status: **Pending**

Provide details on how existing instructional resources will be redistributed to accommodate this new course. For instance, will another course be eliminated or will the frequency of offering of other courses be reduced; are there changes in pedagogical style or class sizes that allow for this additional course offering?

The Faculty of Health Sciences has hired faculty members with expertise to teach this course.

Any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc. No

Approvals

1. **Departmental approval** indicates that the Department has approved the content of the course, and has consulted with other Departments and Faculties regarding proposed course content and overlap issues.

Chair, Dept./School

Date

Chair, Faculty Curriculum Committee

Date

2. **Faculty approval** indicates that all the necessary course content and overlap concerns have been resolved, and that the Faculty/Department commits to providing the required Library funds.

Dean or Designate

Date: _____

List which other Departments and Faculties have been consulted regarding the proposed course content including overlap issues. *Attach documentary evidence of responses.*

Other Faculties approval indicates that the Dean(s) or designate of other Faculties affected by the proposed new course support(s) the approval of the new course.

_____ Date: _____

_____ Date: _____

3. SCUS approval indicates that the course has been approved for implementation subject, where appropriate, to financial issues being addressed.

Course approved by SCUS (Chair of SCUS)

_____ Date: _____

Approval is signified by date and appropriate signature.

HSCI 408 - 3
Plagues, Pollutants and Poverty: The Origins and Evolution of Public Health
Fall 2011

Lectures:

Professor: Dr. Bruce P. Lanphear
Office: Burnaby Campus, Blusson Hall 9514
Phone number: 778.387.3939
E-mail: blanphear@sfu.ca
Office hours: Tuesdays, 9:00-12:00 or by appointment

COURSE DESCRIPTION: This course is intended to provide students with a broad knowledge of the origins and evolution of public health. Topics will be explored through a combination of lectures, audiovisuals, readings and interpretation of the peer-reviewed literature or book chapters. Students will also complete written assignments and participate in in-depth discussions. We will critically examine and discuss various transitions in public health, focusing on key studies or insights that led to changing concepts and interventions in public health, such as the sanitarian movement, the rise of bacteriology and vaccines, nutritional deficiencies, chronic diseases, occupational health, maternal and child health and, finally, environmental health.

LEARNING OBJECTIVES: Upon completion of this course students should be able to:

- Identify key transitions, events and figures in public health;
- Describe how immigrants, poverty and urbanization have impacted public health;
- Describe the evolution of epidemiology and study designs;
- Describe a contemporary public health problem and compare it with an historical problem to gain insight into the evolution and obstacles of translating knowledge into policy.

EXPECTED OUTCOMES: Students will be able to describe: key figures in the sanitarian movement and public health; key studies in the development of bacteriology, virology, tropical medicine, vaccines, epidemiology, occupational health, maternal & child health, and environmental health. They will also be able to describe the major transitions in public health.

TEACHING FORMAT: Each week there will be a 3-hour class meeting that will include elements of a research seminar, reading and interpretation of a article(s) or chapter, and discussion. Students will be expected to be able to summarize and discuss relevant publications in the history of public health over the past century.

REQUIRED TEXT: There is no required textbook for this course. Assigned readings will be journal articles and other readings available in the SFU library or provided by the instructor. Most of the assigned articles are available electronically from the SFU library at:
<http://cufts2.lib.sfu.ca/CJDB/BVAS/browse>

GRADING:	5-page project proposal (Final Exam)	50%
	Midterm Examination	35%
	Attendance	7.5%
	Participation	7.5%

PREREQUISITES: HSCI majors with **90 units including HSCI 330** or permission from the instructor.

EXPECTATIONS: The instructor may make changes to the syllabus if necessary, within Faculty / University regulations.