



OFFICE OF THE ASSOCIATE VICE-PRESIDENT, ACADEMIC

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www.sfu.ca/vpacademic**MEMORANDUM**

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<b>ATTENTION</b>	Senate	<b>DATE</b>	April 4, 2014
<b>FROM</b>	Gordon Myers, Chair Senate Committee on Undergraduate Studies	<b>PAGES</b>	1/1
<b>RE:</b>	Faculty of Health Sciences (SCUS 14-15)		

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 3, 2014 SCUS approved the following curriculum revision effective Spring 2015.

1. New Course Proposal: HSCI 458-3, Prevention and Management of Cardiovascular Disease



SIMON FRASER UNIVERSITY  
ENGAGING THE WORLD

## FACULTY OF HEALTH SCIENCES

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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:** March 24, 2014

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On January 16, 2014 the Faculty of Health Sciences Undergraduate Studies Committee approved the following new course: HSCI458 "Prevention and Management of Cardiovascular Disease". This course is being applied for cross-listing within the Department of Biomedical Physiology and Kinesiology in the Faculty of Science.

Please place this item on the agenda for the next SCUS meeting.

Regards,

Mark S. Lechner

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FACULTY OF HEALTH SCIENCES  
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BURNABY BC,  
CANADA, V5A 1S6



**COURSE SUBJECT/NUMBER** HSCI 458

**COURSE TITLE**

LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation

Prevention and Management of Cardiovascular Disease

**AND**

SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation

Prev. and Mgmt. of CVD

**CAMPUS** where course will be taught:  Burnaby  Surrey  Vancouver  Great Northern Way  Off campus

**COURSE DESCRIPTION (FOR CALENDAR). 50-60 WORDS MAXIMUM. ATTACH A COURSE OUTLINE TO THIS PROPOSAL.**

This course takes a multi-disciplinary approach to understanding the pathology, risk factors and treatments for the prevention and management of cardiovascular disease. Physical examination, as well as non-invasive cardiac imaging techniques will be discussed and demonstrated. Both theoretical and practical perspectives inform the course's approach to the principles of behavioural change (diet, physical exercise, and smoking cessation) and risk factor management. HSCI 458 is identical to BPK 458 and students cannot receive credit for both courses. Students with credit for HSCI 471 or BPK421 (Fall 2013) and may not complete this course for further credit.

**REPEAT FOR CREDIT**  NO  YES How many times? 1 Within a term?  YES  NO

**LIBRARY RESOURCES**

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.

No additional resources (listed as HSCI 458 and ~~BPK~~ 458)

Library report status

BPK

**RATIONALE FOR INTRODUCTION OF THIS COURSE**

There is an increasing desire, and need, for training of students within the health sciences to understand aspects of cardiovascular disease development, prevention and management as cardiovascular disease is a leading cause of death and disability in Canada and the world. The prevalence of cardiovascular disease is so high that any person working in the fitness of health fields will encounter people with cardiovascular disease. This course will prepare students who are interested in working in these fields with high-level knowledge of this condition.

**SCHEDULING AND ENROLLMENT INFORMATION**

Indicate effective term and year course would first be offered and planned frequency of offering thereafter:

Fall 2014 and once per year thereafter (every fall term)

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

What is the probable enrollment when offered? Estimate: 40-60



**CREDITS**

Indicate number of credits (units): 3

Indicate number of hours for:      Lecture      Seminar      Tutorial      Lab      Other  
online course

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

Scott Lear

**WQB DESIGNATION** (attach approval from Curriculum Office)

not applicable

**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.**

BPK(or KIN) 305 or HSCI 321

**COREQUISITE**

none

**STUDENT LEARNING OUTCOMES**

Upon satisfactory completion of the course students will be able to:

- To define the underlying pathophysiology of cardiovascular disease
- To assess the risk for future events in people with and without disease
- To explain the principles of appropriate preventative management in patients at risk or with disease
- To understand strategies for behavioural change.
- To recognize the importance of co-morbidities with respect to cardiovascular disease prevention

**FEES**

Are there any proposed student fees associated with this course other than tuition fees?  YES  NO



**RESOURCES**

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

**OTHER IMPLICATIONS**

Articulation agreement reviewed?  YES  NO  Not applicable

Exam required:  YES  NO

Criminal Record Check required:  YES  NO

**APPROVALS: APPROVAL IS SIGNIFIED BY DATE AND APPROPRIATE SIGNATURE.**

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

\_\_\_\_\_  
Chair, Department/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/School/Department commits to providing the required Library funds.

\_\_\_\_\_  
Dean or designate

\_\_\_\_\_  
Date

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

This course is being applied for cross-listing within the Department of Biomedical Physiology and Kinesiology.

HSCI 458 is identical to BPK 458 and students cannot receive credit for both courses. Students with credit for HSCI 471 or BPK 421 (Fall 2013) may not complete this course for further credit.

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 \_\_\_\_\_