SFU Office of Graduate Studies and Postdoctoral Fellows

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MEMORANDUM

ATTENTION	Senate	DATE	12 September 2013
FROM	Wade Parkhouse, Dean of Graduate Studies	No.	GS2013.26
RE:	Faculty of Science		

For information:
Acting under delegated authority at its meeting of 9 September 2013, SGSC approved the following curriculum revision:

Effective Spring 2014

Faculty of Science

a) Department of Biomedical Physiology and Kinesiology (BPK) **[GS2013.26]**

1. New course proposal:
BPK 858-3 Prevention and Management of Cardiovascular Disease

b) Department of Physics

1. Minor course and resultant calendar change: PHYS 801-1 Student Seminar

GS2013.26

SFU SIMON FRASER UNIVERSITY
DEAN OF GRADUATE STUDIES

New Graduate Course Proposal Form

PROPOSED COURSE

Program (eg. MAPH) BPK	Number (eg. 810) 858	Units (eg. 4) 3

Course Title (max 80 characters)
Prevention and Management of Cardiovascular Disease

Short Title (appears on transcripts, max 25 characters)
Prev.and Mgmt. of CVD

Course Description for SFU Calendar ☐ see attached document ☐ Learning outcomes identified

A multi-disciplinary approach to understanding the pathology, risk factors and treatments for the prevention and management of cardiovascular disease.

Available Course Components: ☐ Lecture ☐ Seminar ☐ Laboratory ☐ Practicum ☑ Online ☐ _____

Grading Basis ☑ Letter grades ☐ Satisfactory/Unsatisfactory ☐ In Progress/Complete | This is a capstone course ☐ Yes ☐ No

Prerequisites (if any) ☐ see attached document (if more space is required)

☐ This proposed course is combined with an undergrad course: Course number and units: BPK 421-3

Additional course requirements for graduate students ☐ See attached document (if this space is insufficient)

Graduate students will be required to complete seven unit discussions as part of the evaluation. Students will be concurrently completing the content of BPK 421-3 which is also offered on-line. BPK 858 will be cross-listed with HSC 858 and thus students cannot take HSCI 858 for additional credit.

Campus at which course will be offered (check all that apply) ☐ Burnaby ☐ Vancouver ☐ Surrey ☐ GNW ☑ on-line

Estimated enrolment	Date of initial offering	Course delivery (eg. 3 hrs/week for 13 weeks)
15-20 students	Fall 2014	online course over 13 weeks

☐ Yes ☑ No Practicum work done in this class will involve children or vulnerable adults
(If the "Yes" box is checked, all students will require criminal record checks)

Justification ☑ See attached document (if more space is required)

This course has been offered as a Special Topics course a number of times and aligns with one of the streams in our graduate programs.

RESOURCES

If additional resources are required to offer this course, the department proposing the course should be prepared to provide information on the source(s) of those additional resources.

Faculty member(s) who will normally teach this course ☐ information about their competency to teach the course is appended
Scott Lear

Number of additional faculty members required in order to offer this course
none

Additional space required in order to offer this course ☐ see attached document
none

Additional specialized equipment required in order to offer this course ☐ see attached document
none

Additional Library resources required (append details) ☐ Annually $_____ ☐ One-time $_____
none

PROPOSED COURSE *from first page*

Program (eg. • • •) BPK	Number (eg. 810) 858	Units (eg. 4) 3
Course title (max 80 characters) Prevention and Management of Cardiovascular Disease		

APPROVAL SIGNATURES

When a department proposes a new course it must first be sent to the chairs of each faculty graduate program committee where there might be an overlap in course content. The chairs will indicate that overlap concerns have been dealt with by signing the appropriate space or via a separate memo or e-mail (attached to this form).

The new course proposal must also be sent to the Library for a report on library resources.

Once overlap concerns have been dealt with, signatures indicate approval by the department, home faculty and Senate Graduate Studies Committee.

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

Name of Faculty	Signature of Dean or Designate	Date

Departmental Approval (non-departmentalized faculties need not sign)

Department Graduate Program Committee A. Brooks-Wilson	Signature	Date Sept 5, 2013
Department Chair	Signature	Date

Faculty Approval
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 and any other necessary resources.

Faculty Graduate Program Committee Peter Ruben	Signature	Date 17 September 2013

Senate Graduate Studies Committee Approval
SGSC approval indicates that the Library report has been seen, and all resource issues dealt with. Once approved, new course proposals are sent to Senate for information.

Senate Graduate Studies Committee Wade Parkhouse	Signature	Date SEP 18 2013

CONTACT

Upon approval of the course, the Office of the Dean of Graduate Studies will consult with the department or school regarding other course attributes that may be required to enable the proper entry of the new course in the student record system.

Department / School / Program	Contact name	Contact email

FACULTY OF HEALTH SCIENCES &DEPARTMENT OF BIOMEDICAL PHYSIOLOGY & KINESIOLOGY

BPK 858: Prevention and Management of Cardiovascular Disease
Fall 2013 Course Outline

Course Format: distance education using WebCT
Instructor: Dr. Scott Lear
Email: slear@providencehealth.bc.ca

COURSE DESCRIPTION

In this course, we will take a multi-disciplinary approach to understanding the pathology, risk factors and treatments for the prevention and management of cardiovascular disease.

Designed by health-care professionals at St. Paul's Hospital's Healthy Heart Program, this course focuses on pathology and progression of atherosclerosis, assessment of individual risk factors, and calculation of overall cardiovascular disease (CVD) risk. 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, with emphasis on diet, physical exercise, and smoking cessation. The course also focuses on the management of dyslipidemia, as well as discussing chronic kidney disease, one of the most frequent co-morbidities associated with CVD.

COURSE OBJECTIVES

- 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

Evaluation

Assignment 1	15%
Assignment 2	15%
Assignment 3	20%
Unit discussions	20%
Final exam*	30%

*The final exam will be an open book online exam, available over a 24-hour period that will cover content from the entire course. The date of the final exam will be set in the first week of classes and take place sometime during the exam period.

READINGS:

Required Textbooks: None
Readings available electronically. These can be found in the "Web Links" section on the course WebCT site (see http://webct.sfu.ca).

PREREQUISITES: Admission to the Faculty of Health Sciences or Department of Biomedical Physiology and Kinesiology graduate programs or permission of the instructor. An undergraduate degree in a health or allied health field is recommended. Students who have taken BPK 421 may not take this course for further credit.

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

SFU SIMON FRASER UNIVERSITY

Library Course Assessments

The Library participates in the course approval process for new courses at both the undergraduate and graduate levels. By Senate motion (S.93-11) "no new course should be approved by Senate until funding has been committed for necessary library materials." A Library review should be conducted after new course proposals have been approved by the department or school curriculum committee, before being considered by the Faculty curriculum committee. New courses will not be approved at the Senate Committee on Undergraduate Studies (SCUS) or Senate Graduate Studies Committee (SGSC) until a Library review has been completed. Even if the department states that no new library resources are required, a report from the Library is required to confirm this view.

To submit course proposals for review by the Library, forward the following materials to Megan Crouch.

- course proposal forms
- complete course outline
- reading list created for the course, if any
- date of Faculty curriculum committee meeting (or other deadline for library report)

Please send the above materials at least two weeks prior to your deadline.

An assessment will be done to evaluate whether the Library's holdings and present collection development activities are adequate to support the new course. If no new library resources are required, the course will be added to the appropriate list below indicating the library is adequately resourced to support the course.

If additional library resources are required, a full report will be created and linked below, and the associated costs will be identified. The costs may be one-time, to fill gaps in holdings, or ongoing, for example, to start new journal subscriptions, or sustain book collecting in areas not now included in the Library's collection scope. If costs are attached, the department or school is asked to transfer the required funds to the Library's materials budget. Questions about the process can be directed to Megan Crouch.

No Additional Library Resources Required

- Unless otherwise indicated, these courses require no additional library resources based on a course location of SFU Burnaby. In many cases, if the courses were to be offered at SFU Surrey or Vancouver or as off-campus courses, additional Library costs might be involved. Please contact Megan Crouch for details.

Chronic Pain Research Institute

BPK 482 (KIN 482)

BUS 656, 719, 723, 724, 725, 726, 729

CMNS 327, 427

ENSC 120, 180

ENV 400

FNST 206

FPA 105

FREN 896, 998

HIST 265 463, 476, [358 / IS 358]

HS [280 / IS 280]

HSCI 808, 843, 858 (KIN 858)

IAT 854, 856

IS 265, [280, 845, 855, 865 / HS 280, 845, 855, 865]

KIN 482 (BPK 482), 858 (HSCI 858)

MBB 324

Completed Library Course Assessments

FPA 186

MA in Comparative Media Arts

HIST / HS 2XX, 3XX, 4XX (was: Mediterranean and Southeastern European Studies Minor (History & Hellenic Studies)) (edited 10 June 2013)

Senate Approved Library Course Assessments

Senate document numbers appear in brackets where available, e.g. (S.11-7)

SFU

GS2013.26

DEAN OF GRADUATE STUDIES OFFICE

MEMO

Faculty of Science

ATTENTION Sheilagh MacDonald, Graduate Studies

FROM Peter Ruben, Associate Dean, Faculty of Science

RE Minor Course Change - ~~MBB~~ PHYS

DATE August 9, 2013

TIME 9:21 AM

The graduate program in the Department of Physics seeks to change the credit allocation of PHYS 801 from 2 units to 1 unit. They made several changes to their program requirements last year, which included a reduction in the number of units required to complete the MSc. The earlier program requirements assumed that PHYS 801 was two units, so they delayed the unit reduction for PHYS 801 to allow students who entered under the old program requirements to get the credit that they needed to complete their degrees under these earlier requirements. This change has my approval.

P. Ruben

SFU SIMON FRASER UNIVERSITY
DEAN OF GRADUATE STUDIES

Graduate Course Minor Change Form

* for term 1141

This form is for an SFU department or program to request a minor change to an existing graduate course. After approval and signature by the faculty graduate studies committee, this form should be forwarded to the Dean of Graduate Studies for approval by the Senate Graduate Studies Committee (SGSC). SGSC will forward the approval to Senate for information.

DEPARTMENT

Department / School / Program	Contact name	Contact email
Physics	Steve Dodge	jsdodge@sfu.ca

Please revise the following elements of the indicated graduate course:
☐ Catalogue number ☑ Units ☐ Title ☐ Description ☐ Other: _____

CURRENT COURSE

Please complete only the fields to be changed.

Program (eg. LBST)	Number (eg. 810)	Units (eg. 4)
PHYS	801	2

Course title (max 80 characters)
Student Seminar

Short title (appears on transcripts, max 25 characters)
Student Seminar

Course description for SFU Calendar ☐ see attached
Discussion of recent developments in physics, based on student seminars. Attendance is required for all first and second year students proceeding toward MSc or PhD degrees in physics. Course offered regularly.

Available course components ☐ Lecture ☑ Seminar ☐ Laboratory ☐ Practicum ☐ Online ☐ _____

Practicum work done in this class will involve children or vulnerable adults (If the "Yes" box is checked, all students and instructors will require criminal record checks)
☐ Yes ☑ No

Grading basis ☐ Graded ☐ Satisfactory / Unsatisfactory ☑ In Progress / Complete ☐ _____

Prerequisites (if any)

This is combined with an undergrad course. ☐ Yes ☑ No

Course number and units: _____

Additional course requirements for graduate students

REVISED COURSE

Please complete only the fields to be changed.

Program (eg. LBST)	Number (eg. 810)	Units (eg. 4)
PHYS	801	1

Course title (max 80 characters)
Student Seminar

Short title (appears on transcripts, max 25 characters)
Student Seminar

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Discussion of recent developments in physics, based on student seminars. Attendance is required for all first and second year students proceeding toward MSc or PhD degrees in physics. Course offered regularly.

Available course components ☐ Lecture ☑ Seminar ☐ Laboratory ☐ Practicum ☐ Online ☐ _____

Practicum work done in this class will involve children or vulnerable adults (If the "Yes" box is checked, all students and instructors will require criminal record checks)
☐ Yes ☑ No

Grading basis ☐ Graded ☐ Satisfactory / Unsatisfactory ☑ In Progress / Complete ☐ _____

Prerequisites (if any)

This is combined with an undergrad course. ☐ Yes ☑ No

Course number and units: _____

Additional course requirements for graduate students

APPROVALS

PETER ROBIN — Faculty graduate studies committee name — Signature — 9 Aug 2013 — Date

Wade Parkhouse — Senate graduate studies committee name — Signature — SEP 18 2013 — Date

Physics

Doctor of Philosophy

From:

Program Requirements

PhD course requirement guidelines

For a student entering the PhD program after completing an MSc in Physics at SFU, the minimum course requirement is 9 additional graduate units, which will include any of the following core courses that were not completed previously:

Core Professional Skills
PHYS 801 - Student Seminar ~~(2)~~ **(1)**
PHYS 802 - Introduction to Graduate Studies: Research and Teaching in Physics (2)

To:

Program Requirements

PhD course requirement guidelines

For a student entering the PhD program after completing an MSc in Physics at SFU, the minimum course requirement is 9 additional graduate units, which will include any of the following core courses that were not completed previously:

Core Professional Skills
PHYS 801 - Student Seminar (1)
PHYS 802 - Introduction to Graduate Studies: Research and Teaching in Physics (2)

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