



Office of Graduate Studies and Postdoctoral Fellows

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MEMORANDUM

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

A handwritten signature in blue ink, appearing to read 'W. Parkhouse'.

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



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 <input type="checkbox"/> see attached document <input type="checkbox"/> 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: <input type="checkbox"/> Lecture <input type="checkbox"/> Seminar <input type="checkbox"/> Laboratory <input type="checkbox"/> Practicum <input checked="" type="checkbox"/> Online <input type="checkbox"/> _____		
Grading Basis <input checked="" type="checkbox"/> Letter grades <input type="checkbox"/> Satisfactory/Unsatisfactory <input type="checkbox"/> In Progress/Complete		This is a capstone course <input type="checkbox"/> Yes <input type="checkbox"/> No
Prerequisites (if any) <input type="checkbox"/> see attached document (if more space is required)		
<input type="checkbox"/> This proposed course is combined with an undergrad course: Course number and units: <u>BPK 421-3</u>		
Additional course requirements for graduate students <input type="checkbox"/> 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) <input type="checkbox"/> Burnaby <input type="checkbox"/> Vancouver <input type="checkbox"/> Surrey <input type="checkbox"/> GNW <input checked="" type="checkbox"/> on-line		
Estimated enrolment 15-20 students	Date of initial offering Fall 2014	Course delivery (eg. 3 hrs/week for 13 weeks) online course over 13 weeks
<input type="checkbox"/> Yes <input checked="" type="checkbox"/> 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 <input checked="" type="checkbox"/> 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 <input type="checkbox"/> 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 <input type="checkbox"/> see attached document none
Additional specialized equipment required in order to offer this course <input type="checkbox"/> see attached document none
Additional Library resources required (append details) <input type="checkbox"/> Annually \$ _____ <input type="checkbox"/> 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.

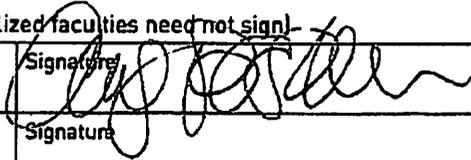
Once overlap concerns have been dealt with, signatures indicate approval by the department, home faculty and Senate Graduate Studies Committee.

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.

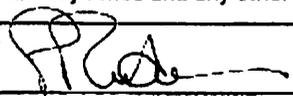
Name of Faculty	Signature of Dean or Designate	Date

Departmental Approval (non-departmentalized faculties need not sign)

Department Graduate Program Committee A. Brodis-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
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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.

Wade Parkhouse Senate Graduate Studies Committee	Signature 	Date SEP 18 2013
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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
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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.

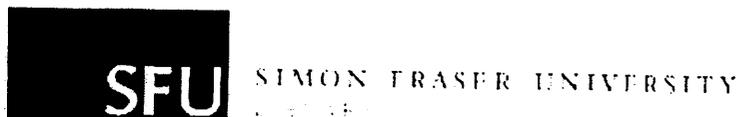
READINGS:

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.



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)

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



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 Physics	Contact name Steve Dodge	Contact email jsdodge@sfu.ca
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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) PHYS	Number (eg. 810) 801	Units (eg. 4) 2
Course title (max 80 characters) Student Seminar		
Short title (appears on transcripts, max 25 characters) Student Seminar		
Course description for SFU Calendar <input type="checkbox"/> 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 <input type="checkbox"/> Lecture <input checked="" type="checkbox"/> Seminar <input type="checkbox"/> Laboratory <input type="checkbox"/> Practicum <input type="checkbox"/> Online <input type="checkbox"/> _____		
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) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Grading basis <input type="checkbox"/> Graded <input type="checkbox"/> Satisfactory / Unsatisfactory <input checked="" type="checkbox"/> In Progress / Complete <input type="checkbox"/> _____		
Prerequisites (if any)		
This is combined with an undergrad course. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Course number and units: _____		
Additional course requirements for graduate students		

REVISED COURSE

Please complete only the fields to be changed.

Program (eg. LBST) PHYS	Number (eg. 810) 801	Units (eg. 4) 1
Course title (max 80 characters) Student Seminar		
Short title (appears on transcripts, max 25 characters) Student Seminar		
Course description for SFU Calendar <input type="checkbox"/> 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 <input type="checkbox"/> Lecture <input checked="" type="checkbox"/> Seminar <input type="checkbox"/> Laboratory <input type="checkbox"/> Practicum <input type="checkbox"/> Online <input type="checkbox"/> _____		
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) <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Grading basis <input type="checkbox"/> Graded <input type="checkbox"/> Satisfactory / Unsatisfactory <input checked="" type="checkbox"/> In Progress / Complete <input type="checkbox"/> _____		
Prerequisites (if any)		
This is combined with an undergrad course. <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		
Course number and units: _____		
Additional course requirements for graduate students		

APPROVALS

<u>Peter Robson</u> Faculty graduate studies committee name	<u>[Signature]</u> Signature
<u>Wade Parkhouse</u> Senate graduate studies committee name	<u>[Signature]</u> Signature

<u>9 Aug 2013</u> Date
<u>SEP 18 2013</u> 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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MEMORANDUM

ATTENTION Senate DATE 12 September 2013
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RE: Faculty of Science

For information:

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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