



MEMO

Dean of  
Graduate Studies

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**TO: Senate**

TEL

**FROM** Wade Parkhouse, Dean, Graduate Studies

**RE** Faculty of Environment

[GS2010.03]

**CC** Duncan Knowler

**DATE** February 9, 2010

**For information**

Acting under delegated authority at its meetings of 8 February 2010, the SGSC approved the following curriculum revisions:

**Department of Geography**

[GS2010.03]

New course: GEOG 657-4 Geovisualization Interfaces

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](tel:778.782.3168) or email [bgrant@sfu.ca](mailto:bgrant@sfu.ca).



faculty of environment

MEMO

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ATTENTION	Wade Parkhouse, Chair, Senate Cmte on Graduate Studies
FROM	Wolfgang Haider, Chair, FENV Graduate Studies Committee
RE	New Course Proposal – GEOG 657 (Geovisualization Interfaces)
DATE	January 25, 2010

Dear Dr. Parkhouse,

At its January meeting the FENV Graduate Studies Committee approved the following new course proposal and is recommending it to SGSC:

GEOGRAPHY 657 – Geovisualization Interfaces

This new course is to be effective for Fall 2010 and the proposal includes the necessary calendar entry.

Thank you.

Dr. Wolfgang Haider

cc: D. Knowler, Associate Dean, FENV  
B. Wepruk, FENV Curriculum Planning Mgr.

The logo for Simon Fraser University, featuring the letters "SFU" in a white, bold, sans-serif font on a black rectangular background.

SIMON FRASER UNIVERSITY  
THINKING OF THE WORLD

**Department of Geography**

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To: Dr. Wolfgang Haider, Chair, FENV Graduate Studies Committee  
From: Dr. Eugene McCann, Chair, Geography Graduate Studies Committee  
Subject: Graduate curriculum change: 2010/2011 Calendar  
Date: January 4, 2010

Enclosed please find a new course proposal for the Geography graduate program in the 2010/2011 Calendar. The course is Geog 657 (Geovisualization Interfaces). This proposal has been approved by the Geography Graduate Studies Committee, in its Dec 2<sup>nd</sup> 2009 meeting. It was approved by the Department of Geography on Jan 4<sup>th</sup> 2010.

Please bring this proposed addition to the Faculty of Environment Curriculum Committee for approval.

A handwritten signature in black ink, appearing to read "Eugene McCann".

Eugene McCann  
Associate Professor  
Graduate Program Chair

Cc Dr. Duncan Knowler, Associate Dean, FENV

NEW GRADUATE COURSE PROPOSAL FORM

Subject: GEOG (max. 4 chars) Catalog Number: 657

Course Title: GEOVISUALIZATION INTERFACES (max. 80 char.)

Short Title (appears on transcripts etc.) GEOVIS INTERFACES (max. 25 char.)

Course Description for Calendar: (append a course outline as a separate document)

The concepts, theories and technology behind 3D representation and 3D geovisualization of complex spatial phenomena using emerging interactive, immersive and ubiquitous interface technologies. Combines geovisualization, geospatial interface research, geovirtual environments, GIScience, and spatial knowledge acquisition perspectives. Enrolment in any graduate program plus permission of the instructor. Graduate students from other disciplines are welcome to take this course.



Units: 4

Available Course Components: (select all that apply)

- Lecture Seminar Laboratory Practicum

Prerequisites: (if any)

Enrolment in any graduate program plus permission of the instructor.

Campus at which course will be offered: Burnaby



Estimated Enrolment: 12-18 The term course will first be offered: Spring 2011

Frequency of course offering: Once per year

Grading Basis: Graded Satisfactory/Unsatisfactory In Progress/Complete

**Justification:**

GEOG 657 is specifically aimed at providing students with the theory and technical skills to apply 3D geovisualization and interactive interface technologies to complex spatial phenomena and geographic research questions. GEOG 657 has previously been offered successfully as a STT course. This application is to formalize the course as a permanent graduate course in SFU Geography.



**Resources:**

Faculty member(s) who will normally teach this course:  
(append information about their competency to teach the course)

1) Dr. N. Hedley, GEOGRAPHY; 2) Dr. S. Dragicevic, GEOGRAPHY

Number of additional faculty members required in order to offer this course: 0

Additional space required in order to offer this course: (append details) 0

Additional specialized equipment required in order to offer this course: (append details)



None

Additional Library resources required: (append details) Annually \$ Library review One-time \$ in progress

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.

Upon approval of the course proposal, the Dean of Graduate Studies office 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.