



Dean of Graduate Studies

S.13-22

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**MEMORANDUM**

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**ATTENTION** Senate  
**FROM** Wade Parkhouse, Dean of Graduate  
Studies  
**RE:** Faculty of Environment

**DATE** 9 January 2013  
**No.** GS2013.02

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**For information:**

Acting under delegated authority at its meeting of 7 January 2013, SGSC approved the following curriculum revision:

**Effective Date is Fall 2013**

**Faculty of Environment**

[GS2013.02]

- a) Development and Sustainability
  - 1. New courses:
    - DEV 802-5 Selected Topics in Development and Sustainability
    - DEV 803-5 Directed Studies in Development and Sustainability
- b) Department of Geography
  - 1. Course to be reinstated; was temporarily WD S.12-71  
GEOG 657-4 Geovisualization Interfaces



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MEMORANDUM

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ATTENTION Wade Parkhouse, Dean of Graduate Studies  
FROM Sean Markey, Associate Dean, Faculty of Environment  
RE: DEVS Courses

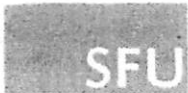
DATE December 7, 2012  
PAGES 1/1

Dear Wade,

Attached, please find a proposal from the Development and Sustainability (DEVS) program for two new courses. Robert Anderson, DEVS Director, presented the courses to the FEnv GPC meeting on November 27<sup>th</sup>, 2012 – where they were passed unanimously. Please review and add them to the SGSC agenda.

Best,  
Sean.





DEVELOPMENT AND SUSTAINABILITY PROGRAM  
Faculty of Environment

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dev-sus@sfu.ca  
"randerso@sfu.ca"

20 November 2012

Sean Markey  
Chair, Graduate Curriculum Committee (FENVCC)  
Faculty of Environment

Dear Sean,

Please find attached a request for discussion at FENVCC, and approval: DEVS 802 and DEVS 803. This request has been approved by the DEVS Steering Committee.


**DEVS 802 Selected Topics in Development and Sustainability: intensive analysis of a particular topic in the fields of development and sustainability.**

Rationale: DEVS currently has no method by which to mount a special topics course; instruction would be by the Director or guest instructor, whether from outside the university or inside it; for example, if a senior researcher in the China Council would be able to give a course on environmental policy making in China, this is the method we would use. Students in DEVS 802 will experience an intensive analysis in a seminar setting on a selected topic in the fields of development and sustainability, which may include the work of a visiting professor or SFU faculty member. This course is intended for advanced DEVS students, who have completed DEVS 801, and who will gain a deeper understanding of a particular topic/issue related to development and/or sustainability. Students will be able to clearly explain and articulate how this topic relates to 1) comparative approaches to development and sustainability, bearing on the quality of life, 2) drivers of and resistance to environmental change and development, and 3) governance at international, national, regional and local levels in environment and sustainability.

**DEVS 803 Directed Studies in Development and Sustainability: independent reading, research, and/or field placement, defined in consultation with supervising instructors.**

Rationale: DEVS graduate students are expected to become versatile, and to explore new possibilities. We do not have a Coop program, but may wish to enable students to do a field placement and get experience, or to work in someone's lab, etc – this course would be supervised by the Director, or his/her designate. Students in DEVS 803 will experience a supervised directed study in the fields of development and sustainability, which may include off-campus learning, field placement, research and research methods, and/or reading. The subject content of Directed Studies will be decided by the Director of the Program in consultation with the DEVS Steering Committee and the Office of the Dean of FENV, as opportunities and resources permit. This course is intended for advanced DEVS graduate students who have completed DEVS 801 and who will gain a deeper understanding of a particular issue related to development and/or sustainability.

Students will be able to clearly explain and articulate how this directed study relates to 1) comparative approaches to development and sustainability, bearing on the quality of life, 2) drivers of and resistance to environmental change and development, and 3) governance at international, national, regional and local levels in environment and sustainability.

Robert Anderson, Director,   
Development & Sustainability Program

# New Graduate Course Proposal Form

## PROPOSED COURSE

Subject (eg. MAPH) <b>DEVS</b>	Number (eg. 810) <b>802</b>	Units (eg. 4) <b>5</b>
Course Title (max 80 characters) <b>Selected Topics in Development and Sustainability</b>		
Short Title (appears on transcripts, max 25 characters) <b>Selected Topics</b>		
Course Description for SFU Calendar <input checked="" type="checkbox"/> see attached document <input checked="" type="checkbox"/> Learning outcomes identified <b>Intensive analysis of a particular topic in the fields of development and sustainability, intended for advanced students in the DEVS Graduate Certificate program.</b>		
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"/> _____		
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 checked="" type="checkbox"/> No
Prerequisites (if any) <input type="checkbox"/> see attached document (if more space is required) <b>to be in good standing in DEVS Certificate program.</b>		
<input type="checkbox"/> This proposed course is combined with an undergrad course: Course number and units: _____		
Additional course requirements for graduate students <input type="checkbox"/> See attached document (if this space is insufficient) <b>Students are expected to have completed DEVS 801, or may be taking it concurrently.</b>		
Campus at which course will be offered (check all that apply) <input checked="" type="checkbox"/> Burnaby <input type="checkbox"/> Vancouver <input type="checkbox"/> Surrey <input type="checkbox"/> GNW <input type="checkbox"/> also off-campus		
Estimated enrolment <b>ten</b>	Date of initial offering <b>September 2013</b>	Course delivery (eg. 3 hrs/week for 13 weeks) <b>4 hrs/week for 13 weeks</b>
<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 type="checkbox"/> See attached document (if more space is required) <b>The DEVS Graduate Certificate requires a course which can be focused on a particular topic for advanced students, and could include, for example, a special topic taught by a visiting professor, or SFU faculty member. If approved, the intention is to add this course to a list of possible electives in the DEVS program.</b> <span style="float:right">RSK</span>		

## 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 <b>Robert Anderson, James Busumtwi-Sam, David Zandvliet</b>
Number of additional faculty members required in order to offer this course
Additional space required in order to offer this course <input type="checkbox"/> see attached document
Additional specialized equipment required in order to offer this course <input type="checkbox"/> see attached document
Additional Library resources required (append details) <input type="checkbox"/> Annually \$ _____ <input type="checkbox"/> One-time \$ _____

**PROPOSED COURSE** from first page

Program [eg. MAPH] <b>DEVS</b>	Number [eg. 810] <b>802</b>	Units [eg. 4] <b>5</b>
Course title [max 80 characters] <b>Selected Topics in Development and Sustainability</b>		

**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 <i>Robert Anderson</i>	Signature <i>RSA</i>	Date <i>20 November 2012</i>
Department Chair <i>Robert Anderson</i>	Signature <i>RSA</i>	Date <i>20 November 2012</i>

**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 <i>Sean Mackey</i>	Signature <i>[Signature]</i>	Date <i>Dec 7/12</i>
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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.

Senate Graduate Studies Committee <i>W Parkhouse</i>	Signature <i>W Parkhouse</i>	Date <i>Jan 9/13</i>
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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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# New Graduate Course Proposal Form

## PROPOSED COURSE

Subject [eg. MAPH] <b>DEVS</b>	Number [eg. 810] <b>803</b>	Units [eg. 4] <b>5</b>
Course Title [max 80 characters] <b>Directed Studies in Development and Sustainability</b>		
Short Title [appears on transcripts, max 25 characters] <b>Directed Studies</b>		
Course Description for SFU Calendar <input checked="" type="checkbox"/> see attached document <input checked="" type="checkbox"/> Learning outcomes identified <b>Independent reading, research, and/or field placement in the fields of development and sustainability, defined in consultation with a supervising instructor, and the Director of the program. This course is intended for advanced students in the DEVS Graduate Certificate program.</b> <b>SECTION</b>		
Available Course Components: <input type="checkbox"/> Lecture <input type="checkbox"/> Seminar <input type="checkbox"/> Laboratory <input checked="" type="checkbox"/> Practicum <input type="checkbox"/> Online <input type="checkbox"/> <u>also off-campus</u>		
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 checked="" type="checkbox"/> No
Prerequisites (if any) <input type="checkbox"/> see attached document (if more space is required) <b>To be in good standing in DEVS Certificate program.</b>		
<input type="checkbox"/> This proposed course is combined with an undergrad course: Course number and units: _____		
Additional course requirements for graduate students <input type="checkbox"/> See attached document (if this space is insufficient) <b>Students are expected to have completed DEVS 801, or may be taking it concurrently.</b>		
Campus at which course will be offered (check all that apply) <input checked="" type="checkbox"/> Burnaby <input type="checkbox"/> Vancouver <input type="checkbox"/> Surrey <input type="checkbox"/> GNW <input type="checkbox"/> <u>also off-campus</u>		
Estimated enrolment <b>five</b>	Date of initial offering <b>September 2013</b>	Course delivery [eg. 3 hrs/week for 13 weeks] <b>4 hrs/week for 13 weeks</b>
<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 type="checkbox"/> See attached document (if more space is required) <b>The DEVS Graduate Certificate requires a course focused on directed independent studies which could include research, reading and/or field placements, with supervising instructor(s); this would be an important opportunity for experiential learning, possibly off-campus. If approved, the intention is to add this course to a list of electives in DEVS program.</b> <b>RSK</b>		
<b>RESOURCES</b> 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 <b>Robert Anderson, James Busumtwi-Sam, David Zandvliet</b>		
Number of additional faculty members required in order to offer this course		
Additional space required in order to offer this course <input type="checkbox"/> see attached document		
Additional specialized equipment required in order to offer this course <input type="checkbox"/> see attached document		
Additional Library resources required (append details) <input type="checkbox"/> Annually \$ _____ <input type="checkbox"/> One-time \$ _____		

**PROPOSED COURSE** from first page

Program (eg. MAPH) <b>DEVS</b>	Number (eg. 810) <b>803</b>	Units (eg. 4) <b>5</b>
Course title (max 80 characters) <b>Directed Studies in Development and Sustainability</b>		

**APPROVAL SIGNATURES**

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**Other Faculties**

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**Departmental Approval** (non-departmentalized faculties need not sign)

Department Graduate Program Committee <i>Robert Anderson</i>	Signature <i>RSA</i>	Date <i>20 November 2012</i>
Department Chair <i>Robert Anderson</i>	Signature <i>RSA</i>	Date <i>20 November 2012</i>

**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 <i>Sean Murphy</i>	Signature <i>[Signature]</i>	Date <i>Dec 7/12</i>
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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.

Senate Graduate Studies Committee <i>W Parthouse</i>	Signature <i>[Signature]</i>	Date <i>Jan 9/13</i>
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**CONTACT**

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MEMORANDUM

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ATTENTION Wade Parkhouse, DGS  
FROM Sean Markey, FEnv Associate Dean  
RE: Geog 657, Reactivate

DATE December 21, 2012  
PAGES 1/1

Dear Wade,

Please reactivate Geography 657 Geovisualization Interfaces, for Spring 2013.

Thank you, and your office, for your efforts to address this mothball oversight on such short notice.

Best,

A handwritten signature in black ink, appearing to be 'SM' or similar initials, written in a cursive style.