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MEMORANDUM

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ATTENTION	Senate	DATE	December 3, 2010
FROM	Bill Krane, Chair Senate Committee on Undergraduate Studies	PAGES	1/1
RE:	Faculty of Education (SCUS 10-60)		

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**For information:**

Acting under delegated authority at its meeting of December 2, 2010, SCUS approved the following curriculum revisions effective Fall 2011:

- (1) Q Designation: EDUC 452 (For Information Only)
- (2) Description and/or prerequisite changes for EDUC 495-498, 452 and 454
- (3) Program changes to the Environmental Education Minor Program
- (4) Changes to the Post Baccalaureate in Environmental Education

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 or email [shelley\\_gair@sfu.ca](mailto:shelley_gair@sfu.ca).



Faculty of Education

SCUS 10-60

MEMO

Undergraduate Programs

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ATTENTION: SCUS

FROM: Stuart Richmond, Director

RE: Calendar Changes

DATE: November 22<sup>nd</sup>, 2010

The following are calendar changes that have been passed by the Faculty of Education to be effective **Summer 2011**.

**Q Designation:**

EDUC 452 – as approved by the Q committee

**Course Changes:**

EDUC 495 – 498 (Special Topics)

EDUC 452

EDUC 454

**Program Changes Changes:**

Environmental Education Minor Program

PBD in Environmental Education

~~**New Minor Proposals:**~~

~~Elementary Generalist Minor~~

~~To be effective Summer 2012~~

~~Secondary Teaching Minor~~

SR/sp

**SIMON FRASER UNIVERSITY**  
**Senate Committee on Undergraduate Studies**  
**Course Change/Deletion Form**

Existing Course Number/Title: EDUC 495-498 Special Topics

Please check appropriate revision(s) being recommended:

Course Number: \_\_\_\_\_ Credit Hour: \_\_\_\_\_ Title: \_\_\_\_\_

Description: X \_\_\_\_\_ Prerequisite: \_\_\_\_\_ State number of hours for:  
Lect ( ) Sem ( ) Tut ( ) Lab ( )

Course deletion: \_\_\_\_\_

**FROM:**

Please refer to SA 333 Sociology of Education as this course is also accepted as Education credit.

**TO:**

Omit this sentence.

**RATIONALE:**

This sentence was originally inserted as a note at the end of the course descriptions, but somehow it became incorporated into the course description.

Please reinsert as a note at the end of the course descriptions.

Effective semester and year Summer 2011

**SIMON FRASER UNIVERSITY**  
**Senate Committee on Undergraduate Studies**  
**Course Change/Deletion Form**

Existing Course Number/Title: EDUC 452-8

Environmental Education

Please check appropriate revision(s) being recommended:

Course Number: \_\_\_\_\_ Credit Hour: \_\_\_\_\_ Title: \_\_\_\_\_

Description: \_\_\_\_\_ Prerequisite:  X  State number of hours for:  
Lect ( ) Sem ( ) Tut ( ) Lab ( )

Course deletion: \_\_\_\_\_

FROM:

EDUC 401/2

TO:

EDUC 401/2. Students who have credit for EDUC 454 may not take EDUC 452 for further credit.

**RATIONALE:**

The 'quantitative reasoning' content that we developed in EDUC 454-4 is also imbedded in a more extensive and interdisciplinary version of the course which is taught in experiential (field-based settings) EDUC 452-8. Students will not be able to take EDUC 454-4 and EDUC 452-8 now that the Q designation has been approved for EDUC 452-8.

The EDUC 452-8 course is more extensive and is intended for students intending to complete the PBD or minor in Environmental Education. It is taught in a variety of field settings in Metro Vancouver and in Haida Gwaii and is interdisciplinary and experiential in nature. EDUC 454-4 will be taken more broadly by a variety of students (not in the EE minor) and is generally a campus-based course.

Effective semester and year  Summer 2011

**SIMON FRASER UNIVERSITY**  
**Senate Committee on Undergraduate Studies**  
**Course Change/Deletion Form**

Existing Course Number/Title: EDUC 454-4

Quantitative Approaches to Environmental Education

Please check appropriate revision(s) being recommended:

Course Number: \_\_\_\_\_ Credit Hour: \_\_\_\_\_ Title: \_\_\_\_\_

Description: \_\_\_\_\_ Prerequisite:  X  State number of hours for:  
Lect ( ) Sem ( ) Tut ( ) Lab ( )

Course deletion: \_\_\_\_\_

FROM:

EDUC 401/2

TO:

EDUC 401/2. Students who have credit for EDUC 452 may not take EDUC 454 for further credit.

**RATIONALE:**

The 'quantitative reasoning' content that we developed in EDUC 454-4 is also imbedded in a more extensive and interdisciplinary version of the course which is taught in experiential (field-based settings) EDUC 452-8. Students will not be able to take EDUC 454-4 and EDUC 452-8 now that the Q designation has been approved for EDUC 452-8.

The EDUC 452-8 course is more extensive and is intended for students intending to complete the PBD or minor in Environmental Education. It is taught in a variety of field settings in Metro Vancouver and in Haida Gwaii and is interdisciplinary and experiential in nature. EDUC 454-4 will be taken more broadly by a variety of students (not in the EE minor) and is generally a campus-based course.

Effective semester and year  Summer 2011

## **Environmental Education Minor Program**

### **From:**

#### **Required Courses:**

Students must complete a minimum of 14 units including

**EDUC 452-8 Environmental Education**

*Or*

***EDUC 454-4 Quantitative Approaches to Environmental Education and  
EDUC 493-4 Directed Studies in Environmental Education***

And two of:

**BISC 304-3 Animal Ecology**

**BISC 306-3 Invertebrate Biology**

**BISC 310-3 The Natural History of British Columbia**

**BISC 317-3 Insect Biology**

**BISC 337-3 Plant Biology**

**BISC 404-3 Plant Ecology**

**EDUC 414-4 Designs for Learning: Secondary Social Studies**

**EDUC 416-4 Designs for Learning: Secondary Science**

**EDUC 433-4 Philosophical Issues in Curriculum**

**EDUC 459-4 Instructional Activities in Physical Education**

**EDUC 471-4 Curriculum Development: Theory and Practice**

**EDUC 474-4 Designs for Learning: Elementary Social Studies**

**EDUC 476-4 Designs for Learning: Elementary Science**

**EDUC 482-4 Designs for Learning: Information Technology**

**GEOG 322-4 World Resources**

***GEOG 369-4 Human Microgeography***

### **To:**

#### **Required Courses:**

Students must complete a minimum of 15 units including

**EDUC 452-8 Environmental Education**

And at least two of:

**BISC 304-3 Animal Ecology**

**BISC 306-3 Invertebrate Biology**

**BISC 310-3 The Natural History of British Columbia**

**BISC 317-3 Insect Biology**

BISC 337-3 Plant Biology  
BISC 404-3 Plant Ecology  
**EDUC 412-4 Designs for Learning: Secondary Language Arts**  
EDUC 414-4 Designs for Learning: Secondary Social Studies  
**EDUC 415-4 Designs for Learning: Secondary Mathematics**  
EDUC 416-4 Designs for Learning: Secondary Science  
EDUC 433-4 Philosophical Issues in Curriculum  
**EDUC 457-4 Drama and Education**  
EDUC 459-4 Instructional Activities in Physical Education  
EDUC 471-4 Curriculum Development: Theory and Practice  
**EDUC 472-4 Designs for Learning: Elementary Language Arts**  
**EDUC 473-4 Designs for Learning: Reading**  
EDUC 474-4 Designs for Learning: Elementary Social Studies  
**EDUC 475-4 Designs for Learning: Elementary Mathematics**  
EDUC 476-4 Designs for Learning: Elementary Science  
**EDUC 477-4 Designs for Learning: Art**  
**EDUC 478-4 Designs for Learning: Music**  
**EDUC 480-4 Designs for Learning: French as a Second Language**  
**EDUC 481-4 Designs for Learning: French Immersion Programs and Francophone Schools**  
EDUC 482-4 Designs for Learning: Information Technology  
**EDUC 493-4 Directed Studies in Environmental Education**  
GEOG 322-4 World Resources  
*GEOG 369-4 Human Microgeography (to be removed - no longer offered)*  
**GEOG 377-3 Environmental History**  
**GEOG 449-4 Environmental Processes and Urban Development**

#### **Rationale:**

The 'quantitative reasoning' content that we developed in EDUC 454-4 is also imbedded in a more extensive and interdisciplinary version of the course which is taught in experiential (field-based settings) EDUC 452-8. Students will not be able to take EDUC 454-4 and EDUC 452-8 now that the Q designation has been approved for EDUC 452-8.

Changes to the program extend the range of environmental concerns and applications through additional Designs for Learning courses focusing on curriculum, teaching and learning. These courses are rounded out by other Education courses, as well as a selection of courses taken from other faculties. In 2007, the BC Ministry of Education published a new Environmental Education framework which positions environmental education as a K-12 and interdisciplinary endeavour. Over the past several years students in our programs have demonstrated that environmental themes can be infused into a number of varied learning domains and so this variety is reflected in the expanded selections for student elective courses.

## **Post Baccalaureate in Environmental Education**

Students complete 30 units as specific below including all of:

EDUC 452-8 Environmental Education  
EDUC 493-4 Directed Studies in Environmental Education

### **From:**

Plus two of

- EDUC 311-3 Foundations in Aboriginal Education, Language and Culture
- EDUC 433-4 Philosophical Issues in Curriculum
- EDUC 437-4 Ethical Issues in Education
- EDUC 441-4 Multicultural and Anti-Racist Education
- **EDUC 454-4 Quantitative Approaches to Environmental Education**
- EDUC 471-4 Curriculum Development: Theory and Practice

### **To:**

Plus two of

- EDUC 311-3 Foundations in Aboriginal Education, Language and Culture
- EDUC 433-4 Philosophical Issues in Curriculum
- EDUC 437-4 Ethical Issues in Education
- EDUC 441-4 Multicultural and Anti-Racist Education
- EDUC 471-4 Curriculum Development: Theory and Practice

### **Rationale:**

The 'quantitative reasoning' content that we developed in EDUC 454-4 is also imbedded in a more extensive and interdisciplinary version of the course which is taught in experiential (field-based settings) EDUC 452-8. Students will not be able to take EDUC 454-4 and EDUC 452-8 now that the Q designation has been approved for EDUC 452-8.

The EDUC 452-8 course is more extensive and is intended for students intending to complete the PBD or minor in Environmental Education. It is taught in a variety of field settings in Metro Vancouver and in Haida Gwaii and is interdisciplinary and experiential in nature. EDUC 454-4 will be taken more broadly by a variety of students (not in the EE minor) and is generally a campus-based course.