



Simon Fraser University
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Burnaby, BC V5A 1S6

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FAX 778.782.3080

gradstudies@sfu.ca
www.sfu.ca/grad

MEMORANDUM

ATTENTION Senate

DATE January 10, 2023

FROM Jeff Derksen,
Chair of Senate Graduate Studies
Committee (SGSC)

RE: Course Changes

For information:

Acting under delegated authority at its meeting of January 10, 2023, SGSC approved the following course changes, effective **Fall 2023**:

Beedie School of Business

- 1) Course Change (title): BUS 890
Course Changes (units): BUS 980, BUS 982, BUS 993
Course Change (title, units, description): BUS 990
Course Change (units, description): BUS 991

Faculty of Arts and Social Sciences

Department of History

- 2) Course Change (title, description): HIST 815

School of Public Policy

- 3) Course Change (description): PLCY 803

Faculty of Science

Department of Earth Science

- 4) Course Change (title, description, prerequisite): EASC 610



**BEEDIE SCHOOL
OF BUSINESS**

Segal Graduate School

Office of the Associate Dean
500 Granville Street
Vancouver, BC V6C 1W6

TEL 778.782.9255
FAX 778.782.5122

busadmin@sfu.ca

Memo to SGSC

To: Senate Graduate Studies Committee
From: Andrew Gemino, Associate Dean, Graduate Programs
Re: ~~MSc Finance~~ and PhD Calendar Changes for Fall 2023
Date: October 20, 2022

The following curriculum revisions have been approved by the Beedie School of Business and are forwarded to the Senate Graduate Studies Committee for approval. These curriculum items should be effective for **Fall 2023**.

Please include them on the next SGSC agenda.

- ~~Calendar description Change for PhD – changes to required courses~~
- ~~New course proposals and minor course changes~~
- ~~Course outlines to accompany proposals~~

Thank you for your attention herein. Should you have any questions or concerns, please do not hesitate to contact me.

Andrew Gemino
Associate Dean, Graduate Programs, Beedie School of Business



Graduate Course Change

Attach a separate document if more space is required.

Course Subject/Number	BUS890	Units	3	Effective Term and Year	Fall 2023
Course Title	Research methods I				
Rationale for Change:	Course title changed from Research methods I to Business Econometrics I. Feedback from students is previous title was too vague and did not specify econometric finance research methods.				

Proposed Changes (Check all that apply)

Course number
 Units*
 Title
 Description
 Prerequisite
 Other _____

Complete only the fields to be changed

FROM	TO
Course Subject/Number	Course Subject/Number
Units	Units*
Course Title Research methods I	Course Title (max 100 characters) Business Econometrics I
Course Short Title Research methods I	Course Short Title (max 30 characters) Business Econometrics I
Description	Description
Prerequisite	Prerequisite
Other	Other

* Program requirements may need to be revised when course units are changed. Please review the calendar and submit any relevant program revisions resulting from this course change.

REMINDER: All course changes must be identified on a cover memo and confirmed as approved when submitted to FGSC and SGSC.


CONTACT PERSON

Department / School / Program Business/Beedie/PhD	Contact name Joanne Kim	Contact email phdbus@sfu.ca
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DEPARTMENTAL APPROVAL

Department Graduate Program Committee	Signature	Date
Department Chair	Signature	Date

FACULTY APPROVAL

Faculty Graduate Studies Committee (FGSC) Andrew Gemino	Signature 	Date 29/11/2022
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SENATE GRADUATE STUDIES COMMITTEE APPROVAL

Senate Graduate Studies Committee (SGSC) Jeff Derksen	Signature 	Date 16/01/23
--	--	------------------

ADMINISTRATIVE SECTION (for DGS office only)

Course Attribute: _____
 Course Attribute Value: _____
 Instruction Mode: _____
 Attendance Type: _____

If different from regular units:
 Academic Progress Units: _____
 Financial Aid Progress Units: _____



Graduate Course Change

Attach a separate document if more space is required.

Course Subject/Number	BUS980	Units	4	Effective Term and Year	Fall 2023
Course Title	Theory Development in Business Administration				
Rationale for Change:	Units changed from 4 to 3. This change is consistent across the required courses offered by Beedie PhD program. BUS 980 classes will be held once a week, three hours per week over 13 weeks per term				

Proposed Changes (Check all that apply)

Course number
 Units*
 Title
 Description
 Prerequisite
 Other _____

Complete only the fields to be changed

FROM	TO
Course Subject/Number	Course Subject/Number
Units 4	Units* 3
Course Title	Course Title (max 100 characters)
Course Short Title	Course Short Title (max 30 characters)
Description	Description
Prerequisite	Prerequisite
Other	Other

* Program requirements may need to be revised when course units are changed. Please review the calendar and submit any relevant program revisions resulting from this course change.

REMINDER: All course changes must be identified on a cover memo and confirmed as approved when submitted to FGSC and SGSC.


CONTACT PERSON

Department / School / Program Business/Beedie/PhD	Contact name Christina Atanasova	Contact email christina_atanasova@sfu.ca
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DEPARTMENTAL APPROVAL

Department Graduate Program Committee	Signature	Date
Department Chair	Signature	Date

FACULTY APPROVAL

Faculty Graduate Studies Committee (FGSC) Andrew Gemino	Signature 	Date November 29, 2022
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SENATE GRADUATE STUDIES COMMITTEE APPROVAL

Senate Graduate Studies Committee (SGSC) Jeff Derksen	Signature 	Date 16/01/23
--	--	------------------

ADMINISTRATIVE SECTION (for DGS office only)	
Course Attribute: _____	If different from regular units:
Course Attribute Value: _____	Academic Progress Units: _____
Instruction Mode: _____	Financial Aid Progress Units: _____
Attendance Type: _____	



Graduate Course Change

Attach a separate document if more space is required.

Course Subject/Number	BUS982	Units	4	Effective Term and Year	Fall 2023
Course Title	Dissertation Development Workshop				
Rationale for Change:	Units changed from 4 to 3. This change is consistent across the required courses offered by Beedie PhD program. Classes will be held once a week, three hours per week over 13 weeks per term.				

Proposed Changes (Check all that apply)

Course number
 Units*
 Title
 Description
 Prerequisite
 Other _____

Complete only the fields to be changed

FROM	TO
Course Subject/Number	Course Subject/Number
Units 4	Units* 3
Course Title	Course Title (max 100 characters)
Course Short Title	Course Short Title (max 30 characters)
Description	Description
Prerequisite	Prerequisite
Other	Other

* Program requirements may need to be revised when course units are changed. Please review the calendar and submit any relevant program revisions resulting from this course change.

REMINDER: All course changes must be identified on a cover memo and confirmed as approved when submitted to FGSC and SGSC.

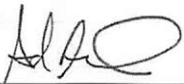
CONTACT PERSON

Department / School / Program Business/Beedie/PhD	Contact name Christina Atanasova	Contact email christina_atanasova@sfu.ca
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DEPARTMENTAL APPROVAL

Department Graduate Program Committee	Signature	Date
Department Chair	Signature	Date

FACULTY APPROVAL

Faculty Graduate Studies Committee (FGSC) Andrew Gemino	Signature 	Date November 29, 2022
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SENATE GRADUATE STUDIES COMMITTEE APPROVAL

Senate Graduate Studies Committee (SGSC) Jeff Derksen	Signature 	Date 16/01/23
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ADMINISTRATIVE SECTION (for DGS office only)	
Course Attribute: _____	If different from regular units:
Course Attribute Value: _____	Academic Progress Units: _____
Instruction Mode: _____	Financial Aid Progress Units: _____
Attendance Type: _____	



Graduate Course Change

Attach a separate document if more space is required.

Course Subject/Number BUS 990	Units 6	Effective Term and Year Fall 2023
Course Title Research Project		
Rationale for Change: Units changed from 6 to 3. This is consistent across the specialization/development courses offered by Beedie PhD program. BUS 990 classes will be offered once a week, three hours a day over 13 weeks in a semester. Course title and description changed to reflect the course objective more accurately.		

Proposed Changes (Check all that apply)

Course number
 Units*
 Title
 Description
 Prerequisite
 Other _____

Complete only the fields to be changed

FROM	TO
Course Subject/Number	Course Subject/Number
Units 6	Units* 3
Course Title Research Project	Course Title (max 100 characters) Academic Writing and Research Development
Course Short Title Research Project	Course Short Title (max 30 characters) Research Development
Description Students will be exposed to the broad world of academia, from presenting and providing constructive feedback on papers, to conferences and journal publishing and refereeing, while being exposed to an introduction to a range of research techniques and data analysis. The cornerstone of the course, and the primary vehicle for experiential learning, is that each student will write an original research project. The project that will be graded on a satisfactory/unsatisfactory basis. Students who receive Satisfactory will present it in an open research presentation. Questions and answers emerging in this context should assist the student to develop their research and to begin to chart their course in academia.	Description Students will be exposed to the broad world of academia, from presenting and providing constructive feedback on papers, to conferences and journal publishing and refereeing, while being exposed to an introduction to a range of research techniques and data analysis. Graded on a satisfactory/unsatisfactory basis.
Prerequisite	Prerequisite
Other	Other

* Program requirements may need to be revised when course units are changed. Please review the calendar and submit any relevant program revisions resulting from this course change.

REMINDER: All course changes must be identified on a cover memo and confirmed as approved when submitted to FGSC and SGSC.

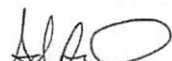
CONTACT PERSON

Department / School / Program Business/Beedie/PhD	Contact name Joanne Kim	Contact email phdbus@sfu.ca
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DEPARTMENTAL APPROVAL

Department Graduate Program Committee	Signature	Date
Department Chair	Signature	Date

FACULTY APPROVAL

Faculty Graduate Studies Committee (FGSC) Andrew Gemino	Signature 	Date 29/11/2022
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SENATE GRADUATE STUDIES COMMITTEE APPROVAL

Senate Graduate Studies Committee (SGSC) Jeff Derksen	Signature 	Date 16/01/23
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ADMINISTRATIVE SECTION (for DGS office only)

Course Attribute: _____
 Course Attribute Value: _____
 Instruction Mode: _____
 Attendance Type: _____

If different from regular units:
 Academic Progress Units: _____
 Financial Aid Progress Units: _____



Graduate Course Change

Attach a separate document if more space is required.

Course Subject/Number	BUS 991	Units	6	Effective Term and Year	Fall 2023
Course Title	PhD Comprehensive Exam				
Rationale for Change:	Units changed from 6 to 0. No formal credit hours/ contact hours. Students will be required to take the exam in their second year. Course description changed to define the exam format and structure and also to describe its purpose more accurately.				

Proposed Changes (Check all that apply)

Course number
 Units*
 Title
 Description
 Prerequisite
 Other _____

Complete only the fields to be changed

FROM	TO
Course Subject/Number	Course Subject/Number
Units 6	Units* 0
Course Title	Course Title (max 100 characters)
Course Short Title	Course Short Title (max 30 characters)
Description Students will be required to pass a comprehensive exam in the sixth term of the program. This will include written examinations in each student's major and methodology minor followed by an oral exam. Graded on a Satisfactory/Unsatisfactory basis. .	Description Students will be required to pass a comprehensive exam by the end of summer term of the second year of the program. This will include written examinations in research methods and theories. Graded on a Satisfactory/Unsatisfactory basis.
Prerequisite	Prerequisite
Other	Other

* Program requirements may need to be revised when course units are changed. Please review the calendar and submit any relevant program revisions resulting from this course change.

REMINDER: All course changes must be identified on a cover memo and confirmed as approved when submitted to FGSC and SGSC.

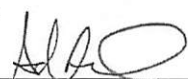
CONTACT PERSON

Department / School / Program Business/Beedie/PhD	Contact name Christina Atanasova	Contact email christina_atanasova@sfu.ca
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DEPARTMENTAL APPROVAL

Department Graduate Program Committee	Signature	Date
Department Chair	Signature	Date

FACULTY APPROVAL

Faculty Graduate Studies Committee (FGSC) Andrew Gemino	Signature 	Date November 29, 2022
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SENATE GRADUATE STUDIES COMMITTEE APPROVAL

Senate Graduate Studies Committee (SGSC) Jeff Derksen	Signature 	Date 16/01/23
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ADMINISTRATIVE SECTION (for DGS office only)

Course Attribute: _____
 Course Attribute Value: _____
 Instruction Mode: _____
 Attendance Type: _____

If different from regular units:
 Academic Progress Units: 6
 Financial Aid Progress Units: 6



Graduate Course Change

Attach a separate document if more space is required.

Course Subject/Number	BUS 993	Units	6	Effective Term and Year	Fall 2023
Course Title	Thesis Proposal				
Rationale for Change:	Units changed from 6 to 0. No formal credit hours/ contact hours. Students will be enrolled in BUS 993 while they prepare their dissertation proposal defense after they've completed the course requirements and passed the comprehensive exam.				

Proposed Changes (Check all that apply)

Course number
 Units*
 Title
 Description
 Prerequisite
 Other _____

Complete only the fields to be changed

FROM	TO
Course Subject/Number	Course Subject/Number
Units 6	Units* 0
Course Title	Course Title (max 100 characters)
Course Short Title	Course Short Title (max 30 characters)
Description	Description
Prerequisite	Prerequisite
Other	Other

* Program requirements may need to be revised when course units are changed. Please review the calendar and submit any relevant program revisions resulting from this course change.

REMINDER: All course changes must be identified on a cover memo and confirmed as approved when submitted to FGSC and SGSC.


CONTACT PERSON

Department / School / Program Business/Beedie/PhD	Contact name Christina Atanasova	Contact email christina_atanasova@sfu.ca
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DEPARTMENTAL APPROVAL

Department Graduate Program Committee	Signature	Date
Department Chair	Signature	Date

FACULTY APPROVAL

Faculty Graduate Studies Committee (FGSC) Andrew Gemino	Signature 	Date November 29, 2022
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SENATE GRADUATE STUDIES COMMITTEE APPROVAL

Senate Graduate Studies Committee (SGSC) Jeff Derksen	Signature 	Date 16/01/23
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ADMINISTRATIVE SECTION (for DGS office only) Course Attribute: _____ Course Attribute Value: _____ Instruction Mode: _____ Attendance Type: _____	If different from regular units: Academic Progress Units: _____ 6 _____ Financial Aid Progress Units: _____ 6 _____
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FACULTY OF
ARTS AND SOCIAL SCIENCES

MEMO

Office of the Dean

ATTENTION: Jeff Derksen, Dean
Graduate & Postdoctoral Studies

STREET
ADDRESS
Academic Quadrangle
Room 6164

FROM : Kate Slaney, Chair
Faculty of Arts and Social Sciences
Graduate Studies Committee

MAILING
ADDRESS
8888 University Drive
Burnaby BC Canada
V5A 1S6

RE: Items for SGSC

DATE: October 18, 2022

Dear Jeff,

778-782-4967 (Tel)
fassadgs@sfu.ca
www.sfu.ca/fass

The following were approved by the Faculty of Arts and Social Sciences Graduate Studies Committee on October 18, 2022, and are forwarded to the Senate Graduate Studies Committee for approval. Please include them on the next SGSC agenda.

~~1. Department of French
a) New Course Proposals
To be effective for Fall 2023~~

~~2. Graduate Liberal Studies
a) Program Change
To be effective for Fall 2023~~

3. Department of History
~~a) New Course Proposals, Program Changes, Course Changes~~
To be effective Fall 2023

~~4. School of Public Policy
a) Calendar Change
To be effective Fall 2023~~

Kate Slaney
Associate Dean, Faculty of Arts and Social Sciences



DEPARTMENT
OF HISTORY

Evdoxios Doxiadis,
Associate Professor
edoxiadi@sfu.ca

Simon Fraser University
Academic Quadrangle 6026A
8888 University Drive
Burnaby BC, Canada V5A 1S6

sfu.ca/history

To: Associate Dean Kate Slaney, Chair, FASSGSC
From: Evdoxios Doxiadis, Graduate Chair, History
Subject: Changes to the MA program in History
Date: 3 August 2022

At its meeting of 9 June 2022, the Department of History approved the following curricular program changes:

- ~~1. Addition of a course based Masters in History~~
- ~~2. Addition of an accelerated Masters in History~~
- ~~3. New course proposal HIST 800 Field Directed Project or Essay~~
- ~~4. New course proposal HIST 869 History of Modern China~~
- ~~5. New Course proposal HIST 853 History of the Ottoman World~~
6. Course Change HIST 815 Prospectus Workshop

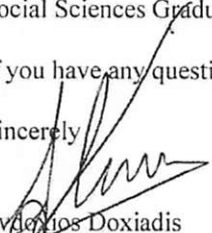
Please find attached the following materials:

- ~~1. Cover memo~~
- ~~2. Program Change Form with the required calendar revisions.~~
- ~~3. Memo on Resource Implications~~
- ~~4. Library letter regarding resource implications.~~
5. Course change form for HIST 815
- ~~6. New Course form for HIST 800~~
- ~~7. New Course form for HIST 853~~
- ~~8. Outline for HIST 853~~
- ~~9. New Course Form for HIST 869~~
- ~~10. Outline for HIST 869~~

Please place this proposal on the agenda of the next meeting of the Faculty of Arts and Social Sciences Graduate Studies Curriculum Committee.

If you have any questions, please let me know.

Sincerely



Evdoxios Doxiadis
Associate Professor and Chair of the Graduate Program in History



Graduate Course Change

Attach a separate document if more space is required.

Course Subject/Number HIST 815	Units 5	Effective Term and Year FALL 2023
Course Title Prospectus Workshop		
Rationale for Change: The changes will address the new needs due to the addition of a course intensive MA		

Proposed Changes (Check all that apply)

Course number
 Units*
 Title
 Description
 Prerequisite
 Other _____

Complete only the fields to be changed

FROM	TO
Course Subject/Number	Course Subject/Number
Units	Units*
Course Title Prospectus Workshop	Course Title (max 100 characters) Professional Development Workshop
Course Short Title Prospectus Workshop	Course Short Title (max 30 characters) Professional Workshop
Description Students will propose, revise, and present their thesis prospectus, in preparation for researching and writing their thesis. Graded on a satisfactory/unsatisfactory basis.	Description Students will be provided with support towards professional development, networking and research interests. Includes topics on research skill development, grant writing, academic and public dissemination of work, practical tips for career advancement and presentations of works in progress. Graded on a satisfactory/unsatisfactory basis.
Prerequisite	Prerequisite
Other	Other

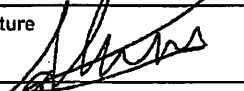

* Program requirements may need to be revised when course units are changed. Please review the calendar and submit any relevant program revisions resulting from this course change.

REMINDER: All course changes must be identified on a cover memo and confirmed as approved when submitted to FGSC and SGSC.


CONTACT PERSON

Department / School / Program History	Contact name Evdoxios Doxiadis	Contact email edoxiadi@sfu.ca
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DEPARTMENTAL APPROVAL

Department Graduate Program Committee Evdoxios Doxiadis	Signature 	Date 08/30/2022
Department Chair Jeremy Brown	Signature 	Date Aug 31, 2022

FACULTY APPROVAL

Faculty Graduate Studies Committee (FGSC) Kathleen Slaney	Signature 	Date October 19, 2022
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SENATE GRADUATE STUDIES COMMITTEE APPROVAL

Senate Graduate Studies Committee (SGSC) Jeff Derksen	Signature 	Date 16/01/23
--	--	------------------

ADMINISTRATIVE SECTION (for DGS office only)
 Course Attribute: _____
 Course Attribute Value: _____
 Instruction Mode: _____
 Attendance Type: _____

If different from regular units:
 Academic Progress Units: _____
 Financial Aid Progress Units: _____

Cover Memo to FASSGSC

SGSC92

To: FASS Graduate Studies Committee
From: Kora DeBeck, School of Public Policy
Re: Course Description Change
Date: October 4, 2022

The following course description changes has been requested by the course instructor and approved by the School of Public Policy Director and Grad Chair and are forwarded to FASS Graduate Studies Committee for approval. This calendar description should be effective for Fall 2023. Please include them on the next FASSGSC agenda.

The requested change in course description is minor to better reflect current course content.

School of Public Policy

Course description change: PLCY 803

- *PLCY 803 from: The first of a two-term sequence that examines the basic structures and processes of government in Canada and their context in the evolving Canadian political economy. It also introduces students to key actors in the policy process and examines their structure and behavior. Examples of relevant actors include federal, provincial, and local state structures and agencies, and a variety of societal actors such as pressure groups, social movements, think tanks and other associations.*

To

- *This course examines the political foundations of Canadian public policy. It will examine the institutional and societal landscape that sets the stage for the decisions Canadian governments make. Topics discussed include the machinery of government, federalism, and the Canadian economic and social context.*



Kora DeBeck, School of Public Policy Faculty Graduate Chair

Graduate Course Change

Attach a separate document if more space is required.

Course Subject/Number	PLCY 803	Units	5	Effective Term and Year	Fall 2023
Course Title	Political Foundations of Policy Analysis I				
Rationale for Change:	To better align the course description with the course content				

Proposed Changes (Check all that apply)

Course number
 Units*
 Title
 Description
 Prerequisite
 Other _____

Complete only the fields to be changed

FROM	TO
Course Subject/Number	Course Subject/Number
Units	Units*
Course Title	Course Title (max 100 characters)
Course Short Title	Course Short Title (max 30 characters)
Description The first of a two term sequence that examines the basic structures and processes of government in Canada and their context in the evolving Canadian political economy. It also introduces students to key actors in the policy process and examines their structure and behavior. Examples of relevant actors include federal, provincial and local state structures and agencies, and a variety of societal actors such as pressure groups, social movements, think tanks and other associations.	Description Examines the political foundations of Canadian public policy. It will examine the institutional and societal landscape that sets the stage for the decisions Canadian governments make. Topics discussed include the machinery of government, federalism, and the Canadian economic and social context.
Prerequisite	Prerequisite
Other	Other


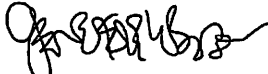
* Program requirements may need to be revised when course units are changed. Please review the calendar and submit any relevant program revisions resulting from this course change.

REMINDER: All course changes must be identified on a cover memo and confirmed as approved when submitted to FGSC and SGSC.


CONTACT PERSON

Department / School / Program School of Public Policy	Contact name Kora DeBeck	Contact email kdebeck@sfu.ca
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DEPARTMENTAL APPROVAL

Department Graduate Program Committee Kora DeBeck	Signature 	Date
Department Chair Genevieve LeBaron	Signature 	Date October 4 2022

FACULTY APPROVAL

Faculty Graduate Studies Committee (FGSC) Kathleen Slaney	Signature 	Date October 19, 2022
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SENATE GRADUATE STUDIES COMMITTEE APPROVAL

Senate Graduate Studies Committee (SGSC) Jeff Derksen	Signature 	Date 16/01/23
--	--	------------------

ADMINISTRATIVE SECTION (for DGS office only) Course/Attribute: _____ Course/Attribute Value: _____ Instruction Mode: _____ Attendance Type: _____	If different from regular units: Academic Progress Units: _____ Financial Aid Progress Units: _____
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MEMO

**Faculty of
Science**

ATTENTION: Senate Graduate Studies Committee

FROM: Vance Williams, Associate Dean Graduate Studies,
Faculty of Science

RE: Proposed Course Changes and Additions for Fall 2023,
Faculty of Science

DATE: December 7, 2022

Dear SGSC,

The following curriculum changes have been approved by the Faculty of Science and are being submitted to the Senate Graduate Studies committee for approval.

~~The following new courses are being proposed:~~

~~MBB 745 Advanced Microbial Pathogenesis~~

The following course has been revised
EASC 610 Energy Geosystems

Enclosed are the documents in support of these changes.

Sincerely,

A handwritten signature in cursive script that reads "Vance Williams".

Vance Williams
Associate Dean Graduate Studies, Faculty of Science

To: Faculty Graduate Studies Committee
From: Gwenn Flowers, EASC Graduate Program Chair
Re: Course change: EASC 610
Date: 28 November 2022

The following course change to EASC 610 has been approved by the Department of Earth Sciences and are forwarded to the Faculty Graduate Studies Committee for approval. This curriculum item should be effective for Fall 2023.

Changes to EASC 610 (title and description) accompany the broadening of course content and shift in focus, and parallel changes to EASC 420.

A handwritten signature in black ink, appearing to read "Gwenn Flowers". The signature is written in a cursive, flowing style.

Gwenn Flowers, EASC Graduate Program Chair



Graduate Course Change

Attach a separate document if more space is required.

Course Subject/Number	EASC 610	Units	3	Effective Term and Year	Fall 2023
Course Title	Petroleum Geology				
Rationale for Change:	Over the past 7 years interest in Petroleum Geology has waned considerably even though subsurface energy extraction continues to provide most of the energy and raw materials for products used globally. The revisions to EASC 610 update and expand the content of this course to showcase the benefits and drawbacks associated with different forms of energy extraction both presently and in the future.				

Proposed Changes (Check all that apply)

Course number
 Units*
 Title
 Description
 Prerequisite
 Other _____

Complete only the fields to be changed

FROM	TO
Course Subject/Number	Course Subject/Number
Units	Units*
Course Title Petroleum Geology	Course Title (max 100 characters) Energy Geosystems
Course Short Title Petroleum Geology	Course Short Title (max 30 characters) Energy Geosystems
Description An introduction to the practical application of geological and geophysical concepts in the petroleum industry. The course will focus on the use of facies models, porosity and permeability, geophysical logs, drillstem tests, drilling, and production strategies in petroleum exploration and exploitation. Particular emphasis is placed on the geologist's role in the industry, both in discovering new hydrocarbons, and in improving recovery (through waterflooding and carbon-dioxide flooding) from existing hydrocarbon reservoirs.	Description Covers all aspects of subsurface energy resource extraction and its impacts on the environment. Topics covered may include blue hydrogen resources, CO2 sequestration, LNG, geothermal energy, conventional and unconventional hydrocarbon exploration and exploitation, fracking, waste-water disposal, land fragmentation, and climate change.
Prerequisite Prerequisite: Knowledge and/or experience in sedimentary geology, stratigraphy, and facies models.	Prerequisite Prior knowledge and/or experience in sedimentary geology, stratigraphy, and facies models is required.
Other	Other



* Program requirements may need to be revised when course units are changed. Please review the calendar and submit any relevant program revisions resulting from this course change.

REMINDER: All course changes must be identified on a cover memo and confirmed as approved when submitted to FGSC and SGSC.


CONTACT PERSON

Department / School / Program EASC	Contact name Shahin Dashtgard	Contact email sdashtga@sfu.ca
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DEPARTMENTAL APPROVAL

Department Graduate Program Committee Gwenn Flowers	Signature 	Date 29 Nov 2022
Department Chair Glyn Williams-Jones	Signature 	Date 29 Nov 2022

FACULTY APPROVAL

Faculty Graduate Studies Committee (FGSC) Vance Williams	Signature 	Date December 7, 2022
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SENATE GRADUATE STUDIES COMMITTEE APPROVAL

Senate Graduate Studies Committee (SGSC) Jeff Derksen	Signature 	Date 16/01/23
--	--	------------------

ADMINISTRATIVE SECTION (for DGS office only) Course Attribute: _____ Course Attribute Value: _____ Instruction Mode: _____ Attendance Type: _____	If different from regular units: Academic Progress Units: _____ Financial Aid Progress Units: _____
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