

Simon Fraser University Maggie Benston Centre 1100 8888 University Drive Burnaby, BC V5A 1S6 TEL 778.782.3042 FAX 778.782.3080 gradstudies@sfu.ca www.sfu.ca/grad

MEMORANDUM

ATTENTION

TION Senate

T CC D

Jeff Derksen,

Chair of Senate Graduate Studies

Committee (SGSC)

RE:

FROM

Course Changes

DATE March 14, 2019

For information:

Acting under delegated authority at its meeting of March 5, 2019, SGSC approved the following course changes, effective **Fall 2019**:

Faculty of Arts and Social Sciences

Department of Economics

1) Course change (deletion): ECON 988

Department of Gender, Sexuality, and Women's Studies

- 2) Course changes (title): GSWS 811, GSWS 812
- 3) Course changes (title and description): GSWS 800, GSWS 820, GSWS 823, GSWS 824

Faculty of Education

4) Course changes (title): EDPR 547, EDPR 548, EDPR 549, EDPR 550, EDPR 557, EDPR 558, EDPR 559, EDPR 560, EDPR 567, EDPR 568, EDPR 569, EDPR 570, EDPR 577, EDPR 578, EDPR 579, EDPR 580, EDPR 587, EDPR 588, EDPR 589, EDPR 590, EDPR 597, EDPR 598, EDPR 599

Faculty of Science

Biomedical Physiology and Kinesiology

5) Course changes (deletion): BPK 825, BPK 861, BPK 865

Department of Physics

6) Course change (units): PHYS 899

Senators wishing to consult a more detailed report of curriculum revisions may do so on the Senate Docushare repository at https://docushare.sfu.ca/dsweb/View/Collection-12682



FACULTY OF ARTS AND SOCIAL SCIENCES

MEMO

Office of the Dean

STREET ADDRESS Academic Quadrangle Room 6164

MAILING ADDRESS 8888 University Drive Burnaby BC Canada V5A 1S6

778-782-4967 (Tel) www.sfu.ca/fass (Web) ATTENTION: Jeff Derksen, Dean

Graduate & Postdoctoral Studies

FROM: Sean Zwagerman, Chair

Faculty of Arts and Social Sciences Graduate Studies Committee

RE: FASSGSC Proposals

PATE: February 14, 2019

The Faculty of Arts and Social Sciences Graduate Committee met on January 31, 2019 and passed the attached motions. Please place these items on the agenda for the next SGSC meeting.

1. Department of Economics

- a) Deletion of the PhD Specialization and associated calendar changes.
- b) Deletion of ECON 988 and associated calendar changes
- 2. Department of Gender, Sexuality and Women's Studies
 - a) calendar changes for GSWS 800
 - b) calendar changes for GSWS 811
 - c) calendar changes for GSWS 812
 - d) calendar changes for GSWS 820
 - e) calendar changes for GSWS 823
 - f) calendar changes for GSWS 824
 - g) calendar changes for MA program-
 - h) calendar changes for PhD program
- 3. Department of History
 - -a) new Graduate Certificate program and associated calendar changes
- 4. Graduate Liberal Studies Program
 - a) the calendar changes to MA program

We would like the above changes to become effective Fall 2019.

Sean Zwagerman

Associate Dean; Faculty of Arts and Social Sciences

MOTIONS FOR THE FASSGSC MEETING OF JANUARY 31, 2019

1	Department of Economics FASSGSC 19-1
	a) FASSGSC approve the deletion of the PhD specialization and associated calendar
	-changes
	b) FASSGSC approve the deletion of ECON 988 and associated calendar changes.
2.	Department of Gender, Sexuality and Women's Studies FASSGSC 19-2 a) FASSGSC approve the calendar changes for GSWS 800 {title, description}.
	b) FASSGSC approve the calendar changes for GSWS 820 {title, description}.
	c) FASSGSC approve the calendar changes for GSWS 823 {title, description}.
	d) FASSGSC approve the calendar changes for GSWS 824 {title, description}.
	e) FASSGSC approve the calendar changes for MA program {requirement}.
	f) FASSGSC approve the calendar changes for PhD program {description}.
3	Department of History FASSGSC 19-3
J.	a) FASSGSC approve the new Graduate Certificate program and associated calendar
	-changes.
4	Graduate Liberal Studies Program FASSGSC 19-4
••	a) FASSGSC approve the calendar changes to MA program.



MEMO

ATTENTION	Sean Zwagerman, Chair, FASSGSC				
FROM	Alexander Karaivanov, Graduate Chair, Dept. of Economics				
RE Curriculum changes					
	,				
DATE	January 7, 2019				

At its meeting of November 14, 2018, the Department of Economics approved the following program changes:

- 1. Delete the "Economics and Business Administrations" PhD specialization. Detailed text edits, rationale and revised calendar entry are attached.
- Delete the program course requirement ECON 988 Second Field Comprehensive Examination. Course deletion form, rationale and revised calendar entry are attached.

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

Sincerely,

Alexander Karaivanov Graduate Chair

Department of Economics



SIMON FRASER UNIVERSITY GRADUATE STUDIES & POSTDOCTORAL FELLOWS

Graduate Course Deletion

A course can be deleted if it has not been offered in the previous seven years or if there is no chance of it being offered again. Once a course has been deleted for a minimum of 10 years, the course subject and number can be re-used.

Course Subject/Number ECON 988		Units 0			
Course Title Second Field Comprehensive Examination					
Reason for Deletion					
streamline the PhD program requirements	ns of the department's external review, this or and help our students begin active research comprehensive examination), which do not re-	faster. Complementary updates in the			
Effective Term and Year: Fall 2019					
Before Submission to SGSC check the fol	lowing:	,			
Is this course required for degree com	pletion?	YES NO			
Do any program calendar entries need	to be changed as a result of this deletion?	YES NO			
Does the departmental website need t	o be updated?	✓ YES			
Additional information for any YES responses					
The course is required but waivable with A- or hig	her in two electives. A program calendar change fo	orm is attached. The website will be updated.			
REMINDER: All course deletions must be identified on a cover memo and confirmed as approved when submitted to FGSC and SGSC. CONTACT PERSON					
Department / School / Program	Contact name	Contact email			
Economics	Alexander Karaivanov	akaraiva@sfu.ca			
DEPARTMENTAL APPRO	VAL				
Department Graduate Program Committee	Signature A. L	Date			
Alexander Karaivanov		Nov. 20, 2018			
Department Chair	Signature W · MW W Krauth	Date			
Brian Krauth	Min Mund Krauth Date: 2019.01.07 12:22:55-08:00'	January 7, 2019			
FACULTY APPROVAL					
Faculty Graduate Studies Committee (FGSC)	Signature	Date			
SEAN ZWAGERMAN	1	FEB- 12, 2019			
SENATE GRADUATE STUDIES COMMITTEE APPROVAL					
Senate Graduate Studies Committee (SGSC) Jeff Derksen	Signature	Date MAR 1 4 2019			
***************************************	The O'S	Revised August 2015			



DEPARTMENT OF GENDER, SEXUALITY & WOMEN'S STUDIES Faculty of Arts and Social Sciences

AQ 5104A

11:1, 778, 782, 5688

hhl@sfu.ca

8888 University Drive, Burnaby, BC

FAX 778,782.5518

www.sfu.ca/~hhl

Canada V5A 1S6

MEMORANDUM

ATTENTION

Dr. Sean Zwagerman, Associate Dean, FASS

DATE January 10, 2019

FROM

Helen Leung

PAGES 1/12

RE:

Proposals for course and program changes

On November 7, 2018, the Department of Gender, Sexuality & Women's Studies approved the following course and program changes:

- 1. GSWS 800: updating course title and calendar description
- 2. GSWS 811: updating course title
- 3. GSWS 812: updating course title
- GSWS 820: updating course title and calendar description
- GSWS 823: updating course title and calendar description
- 6. GSWS 824: updating course title and calendar description
- -7. MA Program: addition of one required course
- -8. PhD Program: deletion of one line in the calendar description for the Comprehensive Exams to accurately reflect students' options.

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

Helen Leung

Graduate Program Chair

Department of Gender, Sexuality & Women's Studies





Attach a separate document if more space is required.					
Course Subject/Number GSWS 811	Units 3	Effective Term and Year Fall, 2019			
Course Title Graduate Professional Developr	Course Title Graduate Professional Development Colloquium I				
Rationale for Change:					
To harmonize with the title style of other	To harmonize with the title style of other graduate courses in the program.				
Proposed Changes (Check all that apply)	r				
Course number Units* Title	Description	Prerequisite Other			
Complete only the fields to be changed	то				
FROM		se Subject/Number			
Course Subject/Number	Cour	se Subject/Number			
Units	Units	*			
Course Title		se Title (max 100 characters)			
Graduate Professional Development Colloquium I		Professional Development Colloquium I			
Course Short Title	Cour	se Short Title (max 30 characters)			
Prof Dev Seminar	Prof	Dev Colloquium I			
Description	Desc	ription			
,					
Prerequisite	Prer	equisite			
Other	Othe	г			

^{*} 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.

CONTACT PERSON		
Department / School / Program GSWS	Contact name Helen Leung	Contact email hhl@Sfu.ca
DEPARTMENTAL APPRO	VAL	•
Department Graduate Program Committee Helen Leung	Signature .	FEB 1 4 2019
Department Chair Lara Campbell	Signature Campbell	FEB 1 4 2019
FACULTY APPROVAL	1 P	
Faculty Graduate Studies Committee (FGSC) Sean Zwagerman	Signature	Date 27 February 2019
SENATE GRADUATE STU	DIES COMMITTEE APPROVAL	
Senate Graduate Studies Committee (SGSC) Jeff Derksen	Signature	Date MAR 1 4 2019
ADMINISTRATIVE SECTION (for DGS office o Course Attribute: Course Attribute Value: Instruction Mode: Attendance Type:	If different fr Academic Pro	om regular units: ogress Units: Progress Units:



Attach a separate document if more space is required.					
Course Subject/Number GSWS 812	Units 3		Effective Term and Year Fall, 2019		
Course Title Graduate Professional Developm	nent Colloq	uium II			
Rationale for Change:					
To harmonize with the title style of other g	raduate c	ourses	in the program.		
Proposed Changes (Check all that apply)					
Course number Units* Title	Description	F	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)			
Graduate Professional Development Colloqui	ium II	Professional Development Colloquium II			
Course Short Title		Course	Short Title (max 30 characters)		
Prof Dev Seminar		Prof De	ev Colloquium II		
Description		Descrip	tion		
Ą					
Prerequisite		Prereq	uisite		
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.

CONTACT PERSON					
Department / School / Program	Contact name	Contact email			
GSWS	Helen Leung	hhiasfu.ca			
DEPARTMENTAL APPRO	VAL				
Department Graduate Program Committee	Signature //	Date FFD 4 / 2040			
Helen Leung	(A)	FEB 1 4 2019			
Department Chair	Signature	Date			
Lara Campbell	Signature Canfell	FEB 1 4 2019			
	. 0				
FACULTY APPROVAL	A P	2			
Faculty Graduate Studies Committee (FGSC)	Signature	Date			
Sean Zwagerman	In I	27 February 2019			
19					
SENATE GRADUATE STUDIES COMMITTEE APPROVAL					
Senate Graduate Studies Committee (5GSC)	Signature	Date MAD 4 / 2040			
Jen Derksen	MX	MAR 1 4 2019			
100					
ADMINISTRATIVE SECTION (for DOS office only)					
Course Attribute:					
Course Attribute Value:		gress Units: Progress Units:			
Instruction Mode:	Pillanciat Alu				



Attach a separate document if more space is req	uired.		
Course Subject/Number GSWS 800	Units 5	Effective Term and Year Fall, 2019	
Course Title Methodology in Women's Studie	s Research		
Rationale for Change:			
The title and description are updated to re accurately describe the content as taught	eflect current by current fa	erminology in the academic field and to more culty members.	
Proposed Changes (Check all that apply)			
☐ Course number ☐ Units* ☑ Title ☑	Description [Prerequisite Other	
Complete only the fields to be changed			
FROM	ТО		
Course Subject/Number	Cou	rse Subject/Number	
Units	Uni	s*	
Course Title	Cou	rse Title (max 100 characters)	
Methodology in Women's Studies Research	Too	Toolkit for GSWS Research	
		4	
		·	
Course Short Title	Cou	rse Short Title (max 30 characters)	
Methodology	Too	lkit for GSWS Research	
Description	Des	cription	
An Interdisciplinary Seminar in Methods of research in		interdisciplinary seminar introducing a variety of thodological approaches to research in Gender, Sexuality, and	
Women's Studies. Students will examine theoretical is Women's Studies Methodology and study examples of	research Wo	men's Studies. Students will examine the theories, purpose,	
and criticism from Women's Studies in History, Art/Lit	erary sco	pe, and strategies for feminist approaches to research.	
Criticism, Philosophy, Psychology, and the social and N Sciences. Emphasis will be placed on a rigorous and o		dents will study examples of research and criticism from a iety of disciplinary perspectives. Emphasis will be placed on	
interdisciplinary approach to problems. Students will apply		rigorous and creative approaches to research design, as well as	
methods studied in the course to their own areas of concentration.		ctical application of research methods. Students will apply thods studied in the course to their own areas of concentration.	
Prerequisite		requisite	
,			
Other	Oth	er	

^{*} 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.

CONTACT PERSON					
Department / School / Program GSWS	Contact name Helen Leung	Contact email hhl@sfu.ca			
DEPARTMENTAL APPRO	VAL				
Department Graduate Program Committee Helen Leung	Signature	Date Jan 9, 2019			
Department Chair Lara Campbell	Signature Caufell	Date Jan 9, 2019			
FACULTY APPROVAL // /					
Faculty Graduate Studies Committee (FGSC)	Signature	Date F € B. 12, 2019			
	DIES COMMITTEE APPROVAL				
Senate Graduate Studies Committee (SGSC) Jeff Derksen	Signature	Date MAR 1 4 2019			
ADMINISTRATIVE SECTION (for DGS office o Course Attribute: Course Attribute Value: Instruction Mode: Attendance Type:	If different fro Academic Pro	m regular units: gress Units: Progress Units:			



Attach a separate document if more space is required. Effective Term and Year Fall, 2019 Course Subject/Number GSWS 820 Units 5 Course Title Graduate Seminar in Women's History Rationale for Change: The title and description are updated to reflect current terminology in the academic field and to more accurately describe the content as taught by current faculty members. Proposed Changes (Check all that apply) Course number Units* V Title V Description Prerequisite Other_____ Complete only the fields to be changed TO FROM Course Subject/Number Course Subject/Number Units* Units Course Title (max 100 characters) Course Title History of Gender and Women Graduate Seminar in Women's History Course Short Title (max 30 characters) Course Short Title History of Gender and Women Women's Stds History Description Description Examines selected topics in gender and women's This course will examine one or two critical issues history, with a particular focus on the intersection in the history of women. Canada England and of gender with class, race, ethnicity, nation, France are of special interest in this course, but students, with permission of the instructor, may region, and sexuality. focus their work on North America and/or Europe more generally. 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.

CONTACT PERSON						
Department / School / Program GSWS	Contact name Helen Leung	Contact email hhl@sfu.ca				
DEPARTMENTAL APPRO	VAL ·					
Department Graduate Program Committee Helen Leung	Signature .	Date Jan 9, 2019				
Department Chair Lara Campbell	Signature Canfell	Date Jan 9, 2019				
FACULTY APPROVAL						
Faculty Graduate Studies Committee (FGSC) SEAN ZWAGERMAN	Signature	PGB. 12, 2019				
SENATE GRADUATE STU	DIES COMMITTEE APPROVAL					
Senate Graduate Studies Committee (SGSC) Jeff Derksen	Signature	Date MAR 1 4 2019				
ADMINISTRATIVE SECTION (for DGS office only) Course Attribute: Course Attribute Value: Instruction Mode: Attendance Type:						



Attach a separate document if more space is requ	uired.		
Course Subject/Number GSWS 823	Units 5		Effective Term and Year Fall, 2019
Course Title Graduate Seminar in Feminist Art/Literary			1
Rationale for Change: The title and description are updated to reaccurately describe the content as taught	eflect curre	ent terr nt facult	minology in the academic field and to more ty members.
Proposed Changes (Check all that apply) Course number Units* Title Complete only the fields to be changed	Description	ı 🗌 F	Prerequisite 0ther
FROM		TO	
Course Subject/Number	3	Course	Subject/Number
Units		Units*	
Course Title Graduate Seminar in Feminist Art/Literary Cr	riticism		Title (max 100 characters) ist Cultural Criticism
Course Short Title Fem. Art/Literary Criticism		200	Short Title (max 30 characters) st Cultural Criticism
Description This course will examine the developmer feminist aesthetic theories with particular reference to literary, cinematic, and/or ar The fundamental assumptions of feminis and/or art criticism as well as the principl forms will be discussed.	t forms. t literary	criticis	otion ines the development of feminist cultural sm, with particular reference to the principles rary, cinematic, media, and/or art forms.
Prerequisite .		Prereq	uisite
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.

CONTACT PERSON						
Department / School / Program GSWS	Contact name Helen Leung	Contact email hhl@sfu.ca				
DEPARTMENTAL APPRO	VAL					
Department Graduate Program Committee Helen Leung	Signature .	Date Jan 9, 2019				
Department Chair Lara Campbell	Signature Caufell	Date Jan 9, 2019				
FACULTY APPROVAL / O						
Faculty Graduate Studies Committee (FGSC)	Signatyre	Date				
SEAN ZWAGERMAN	I have	fe8, 12, 2019				
SENATE GRADUATE STU	DIES COMMITTEE APPROVAL					
Senate Graduate Studies Committee (SGSC) Jeff Derksen	Signature	Date MAR 1 4 2019				
ADMINISTRATIVE SECTION (for DGS office only) Course Attribute: Course Attribute Value: Instruction Mode: Attendance Type:						



Attach a separate document if more space is required.				
Course Subject/Number GSWS 824 Unit	^{ts} 5	Effective Term and Year Fall, 2019		
Course Title Graduate Seminar on Women and So	cial Policy	•		
Rationale for Change:		the second with field and to make		
The title and description are updated to reflect current terminology in the academic field and to mo accurately describe the content as taught by current faculty members.				
Proposed Changes (Check all that apply)				
☐ Course number ☐ Units* ✓ Title ✓ Descri	ription	Prerequisite Other		
Complete only the fields to be changed				
FROM	TO			
Course Subject/Number	Course	Subject/Number		
Units	Units*	Units*		
Course Title	Course	Title (max 100 characters)		
Graduate Seminar on Women and Social Policy	Gende	r and Social Policy		
Course Short Title		Short Title (max 30 characters)		
Women/Social Policy		r and Social Policy		
Description	Descrip	otion		
This course will focus on one or more social	Focus	es on one or more social issues and policies in		
issues and policies in such fields as law, heal		ields as law, health, economics, social welfare, cience and technology. It uses an intersectional		
economics, social welfare, and science and	or Ger	nder-Based Analysis Plus (GBA+) lens on social		
technology.	and/o	r public policies. Students will apply course		
	1	nt to an evaluation of policy in their own areas centration.		
a a	or con	Centration.		
Prerequisite	Prereq	uisite		
· · · · · · · · · · · · · · · · · · ·				
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.

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12, 2019
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MAR 1 4 2019
its:



MEMO

Graduate Studies

8888 University Drive Burnaby BC V5A 1S6 Canada

T: 778.782.3297

www.sfu.ca/education/gs

ATTENTION: Senate Graduate Studies Committee

FROM: Dr. Lucy LeMare,

Director, Graduate Studies in Education

RE: EDPR Graduate Course Changes

DATE: 2019 January 22

The following graduate course changes have been approved by the Faculty of Education and are forwarded to the Senate Graduate Studies Committee for approval. These curriculum items should be effective for the Fall 2019 term. Please include on the next SGSC agenda.

Graduate Course Changes:

EDPR 547 - 550

EDPR 557 - 560

EDPR 567 - 570

EDPR 577 - 580

EDPR 587 - 590

EDPR 597 - 599

Dr. Lucy LeMare

Director

Graduate Studies in Education

Course Subject / Number	FROM	то
EDPR 547	Course Title: Advanced Field Studies in Curriculum Development I Course Short Title: Adv. Field Studies/Curr Dev I	Course Title: Études de terrain avancées dans le développement du programme d'études I Course Short Title: Terrain Programme d'Études I
EDPR 548	Course Title: Advanced Field Studies in Curriculum Development I Course Short Title: Adv. Field Studies/Curr Dev I	Course Title: Études de terrain avancées dans le développement du programme d'études I
EDPR 549	Course Title: Advanced Field Studies in Curriculum Development I Course Short Title: Adv. Field Studies/Curr Dev I	Course Short Title: Terrain Programme d'Études I Course Title: Études de terrain avancées dans le développement du programme d'études I
EDPR 550	Course Title: Advanced Field Studies in Curriculum Development I Course Short Title: Adv. Field Studies/Curr Dev I	Course Short Title: Terrain Programme d'Études I Course Title: Études de terrain avancées dans le développement du programme d'Études I Course Short Title: Terrain Programme d'Études I
EDPR 557	Course Title: Advanced Field Studies in Curriculum Development II Course Short Title: Adv. Field Studies/Curr Dev II	Course Title: Études de terrain avancées dans le développement du programme d'études II Course Short Title: Terrain Programme d'Études II
EDPR 558	Course Title: Advanced Field Studies in Curriculum Development II Course Short Title: Adv. Field Studies/Curr Dev II	Course Title: Études de terrain avancées dans le développement du programme d'études II Course Short Title: Terrain Programme d'Études II
EDPR 559	Course Title: Advanced Field Studies in Curriculum Development II Course Short Title: Adv. Field Studies/Curr Dev II	Course Title: Études de terrain avancées dans le développement du programme d'études II Course Short Title: Terrain Programme d'Études II
EDPR 560	Course Title: Advanced Field Studies in Curriculum Development II Course Short Title: Adv. Field Studies/Curr Dev II	Course Title: Études de terrain avancées dans le développement du programme d'études II Course Short Title: Terrain Programme d'Études II
EDPR 567	Course Title: Advanced Field Studies in Educational Practice I Course Short Title: Adv. Field Studies/Educ Prac I	Course Title: Études de terrain avancées en pratique éducative I
EDPR 568	Course Short Title: Adv. Field Studies in Educational Practice I Course Short Title: Adv. Field Studies feduc Prac I	Course Short Title: Terrain Pratique Éducative I Course Title: Études de terrain avancées en pratique éducative I Course Short Title: Terrain Pratique Éducative I
EDPR 569	Course Title: Advanced Field Studies in Educational Practice I Course Short Title: Adv. Field Studies/Educ Prac I	Course Title: Études de terrain avancées en pratique éducative I Course Short Title: Terrain Pratique Éducative I
EDPR 570	Course Title: Advanced Field Studies in Educational Practice I Course Short Title: Adv. Field Studies/Educ Prac I	Course Title: Études de terrain avancées en pratique éducative I Course Short Title: Terrain Pratique Éducative I
	Course Title: Advanced Field Studies in Educational Practice II	
EDPR 577	Course Short Title: Adv. Field Studies/Educ Prac II	Course Title: Études de terrain avancées en pratique éducative II Course Short Title: Terrain Pratique Éducative II
EDPR 578	Course Title: Advanced Field Studies in Educational Practice II Course Short Title: Adv. Field Studies/Educ Prac II	Course Title: Études de terrain avancées en pratique éducative II Course Short Title: Terrain Pratique Éducative II
EDPR 579	Course Title: Advanced Field Studies in Educational Practice II Course Short Title: Adv. Field Studies/Educ Prac II	Course Title: Études de terrain avancées en pratique éducative II Course Short Title: Terrain Pratique Éducative II
EDPR 580	Course Title: Advanced Field Studies in Educational Practice II Course Short Title: Adv. Field Studies/Educ Prac II	Course Title: Études de terrain avancées en pratique éducative II Course Short Title: Terrain Pratique Éducative II
EDPR 587	Course Title: Advanced Field Studies in Collaborative Inquiry I Course Short Title: Adv. Field Studies/Collab Inq I	Course Title: Études de terrain avancées en approche par l'enquête collaborative I Course Short Title: Enquête Collaborative I
EDPR 588	Course Title: Advanced Field Studies in Collaborative Inquiry I Course Short Title: Adv. Field Studies/Collab Inq I	Course Short Title: Enquête Collaborative I Course Title: Études de terrain avancées en approche par l'enquête collaborative I Course Short Title: Enquête Collaborative I
EDPR 589	Course Title: Advanced Field Studies in Collaborative Inquiry I Course Short Title: Adv. Field Studies/Collab Inq I	Course Title: Études de terrain avancées en approche par l'enquête collaborative I Course Short Title: Enquête Collaborative I
EDPR 590	Course Title: Advanced Field Studies in Collaborative Inquiry I Course Short Title: Adv. Field Studies/Collab Inq I	Course Title: Études de terrain avancées en approche par l'enquête collaborative I Course Short Title: Enquête Collaborative I
EDPR 597	Course Title: Advanced Field Studies in Collaborative Inquiry II Course Short Title: Adv. Field Studies/Collab Inq II	Course Title: Études de terrain avancées en approche par l'enquête collaborative II Course Short Title: Enquête Collaborative II
EDPR 598	Course Title: Advanced Field Studies in Collaborative Inquiry II Course Short Title: Adv. Field Studies/Collab Inq II	Course Title: Études de terrain avancées en approche par l'enquête collaborative II Course Short Title: Enquête Collaborative II
EDPR 599	Course Title: Advanced Field Studies in Collaborative Inquiry II Course Short Title: Adv. Field Studies/Collab Inq II	Course Title: Études de terrain avancées en approche par l'enquête collaborative II Course Short Title: Enquête Collaborative II



Attach a separate document if more space is req	uired.		
Course Subject/Number EDPR 547-550	Units 2-	5	Effective Term and Year Fall 2019
Course Title Advanced Field Studies in Curriculum Dev			nt I
Rationale for Change:			
French translation of GDE courses. Course content not changing. Courses taught in French.			
Proposed Changes (Check all that apply)			
Course number Units* Title	Description	F	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)	
Advanced Field Studies in Curriculum Devel	opment I		de terrain avancées dans le développement gramme d'études l
Course Short Title		Course	Short Title (max 30 characters)
Adv.Field Studies/Curr Dev I		Terrair	Programme d'Études I
Description		Descrip	tion
Prerequisite		Prerequ	isite
Other	ø	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

Contact name

Contact name

Department / School / Program	Contact name	Contact email			
Field Programs - Fac of Education	Dr. Lucy Le Mare	lemare@sfu.ca			
DEPARTMENTAL APPRO	VAL				
Department Graduate Program Committee	Signature	Date			
Department Chair	Signature	Date			
FACULTY APPROVAL					
Faculty Graduate Studies Committee (FGSC) LUCY LEMATE	Signature War	Jan. 22/19			
SENATE GRADUATE STUDIES COMMITTEE APPROVAL					
Senate Graduate Studies Committee (SGSC) Jeff Derksen	Signature	Date MAR 1 4 2019			
ADMINISTRATIVE SECTION (for DGS office or Course Attribute:	If different fro Academic Pro	m regular units: press Units: Progress Units:			



Course Subject/Number EDPR 557-560	Units 2-	5	Effective Term and Year Fall 2019	
Course Title Advanced Field Studies in Curriculum Development II				
Rationale for Change:				
French translation of GDE courses. Course content not changing. Courses taught in French.				
Proposed Changes (Check all that apply)				
Course number Units* Title	Description	F	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)	
Advanced Field Studies in Curriculum Devel	opment II		de terrain avancées dans le développement gramme d'études II	
Course Short Title		Course	Short Title (max 30 characters)	
Adv.Field Studies/Curr Dev II		Terrair	Programme d'Études II	
Description		Descrip	tion	
*				
		¥		
Prerequisite		Prerequ	uisite	
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 Contact name Contact email Field Programs - Fac of Education Dr. Lucy Le Mare lemare@sfu.ca DEPARTMENTAL APPROVAL **Department Graduate Program Committee** Date Signature Department Chair Signature Date FACULTY APPROVAL Faculty Graduate Studies Committee (FGSC) Signature Lucy LeMare SENATE GRADUATE STUDIES COMMITTEE APPROVAL Senate Graduate Studies Committee (SGSC) Signature Date MAR 1 4 2019 Jeff Derksen

If different from regular units:

Financial Aid Progress Units:

Academic Progress Units:

ADMINISTRATIVE SECTION (for DGS office only)

Course Attribute:

Instruction Mode: __ Attendance Type: ___

Course Attribute Value:



Attach a separate document if more space is requ	uired.			
Course Subject/Number EDPR 567-570	Units 2-5	Effective Term and Year Fall 2019		
Course Title Advanced Field Studies in Educ	ational Practice	I		
Rationale for Change:				
French translation of GDE courses. Course content not changing. Courses taught in French.				
Proposed Changes (Check all that apply)				
Course number Units* Title	Description	Prerequisite Other		
Complete only the fields to be changed FROM	то			
Course Subject/Number		se Subject/Number		
Units	Units	*		
Course Title	Cour	se Title (max 100 characters)		
Advanced Field Studies in Educational Practice		les de terrain avancées en pratique éducative l		
Course Short Title	Cour	se Short Title (max 30 characters)		
Adv.Field Studies/Educ Prac I	Terr	ain Pratique Éducative I		
Description	Desc	ription		
Prerequisite	Prer	equisite		
Othor	Othe	r		
Other	Ottle	•		

^{*} 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.

CUNIACI PERSUN		
Department / School / Program	Contact name	Contact email
Field Programs - Fac of Education	Dr. Lucy Le Mare	lemare@sfu.ca
DEPARTMENTAL APPRO	VAL	
Department Graduate Program Committee	Signature	Date
Department Chair	Signature	Date
FACULTY APPROVAL		
Faculty Graduate Studies Committee (FGSC) LUCY LEMARE	Signature Ways	Date 22/19
SENATE GRADUATE STU	DIES COMMITTEE APPROVAL	•
Senate Graduate Studies Committee (SGSC) Jeff Derksen	Signature	Date MAR 1 4 2019
ADMINISTRATIVE SECTION (for DGS office of Course Attribute:	If different Academic F	from regular units: Progress Units: id Progress Units:



Attach a separate document if more space is req	un eu.		
Course Subject/Number EDPR 577-580	Units 2-	5	Effective Term and Year Fall 2019
Course Title Advanced Field Studies in Educational Practice II			
Rationale for Change:			
French translation of GDE courses. Course content not changing. Courses taught in French.			
Proposed Changes (Check all that apply)			
Course number Units* Title	Description	F	Prerequisite Other
Complete only the fields to be changed		Γ	
FROM		TO	
Course Subject/Number		Course	Subject/Number
Units		Units*	
Course Title		Course	Title (max 100 characters)
Advanced Field Studies in Educational Prac	ctice II	Études	s de terrain avancées en pratique éducative II
Course Short Title		Course	Short Title (max 30 characters)
Adv.Field Studies/Educ Prac II		Terrair	n Pratique Éducative II
Description		Descri	ption
Prerequisite		Prereq	uisite
Other		Other	
1		1	

* 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 Contact email Contact name Field Programs - Fac of Education Dr. Lucy Le Mare lemare@sfu.ca DEPARTMENTAL APPROVAL Department Graduate Program Committee Signature Date Date Signature Department Chair ■ FACULTY APPROVAL Faculty Graduate Studies Committee (FGSC) Sidnature Lucy Le Mare SENATE GRADUATE STUDIES COMMITTEE APPROVAL Senate Graduate Studies Committee (SGSC)

Jeff Derksen Date Signature MAR 1 4 2019

If different from regular units:

Financial Aid Progress Units:

Academic Progress Units:

ADMINISTRATIVE SECTION (for DGS office only)

Course Attribute:

Instruction Mode: ______Attendance Type: ____

Course Attribute Value: _



Attach a separate document if more space is req	uirea.		
Course Subject/Number EDPR 587-590	Units 2-5		Effective Term and Year Fall 2019
Course Title Advanced Field Studies in Collaborative Inq			
Rationale for Change:			
French translation of GDE courses. Cou	rse content	not ch	anging. Courses taught in French.
Proposed Changes (Check all that apply)			
☐ Course number ☐ Units* ✓ Title ☐	Description	P	rerequisite Other
Complete only the fields to be changed			
FROM		0	
Course Subject/Number	C	Course	Subject/Number
Units	U	Jnits*	
Course Title	C	Course	Title (max 100 characters)
Advanced Field Studies in Collaborative Inq			de terrain avancées en approche par te collaborative l
Course Short Title	- 0	Course	Short Title (max 30 characters)
Adv.Field Studies/Collab Inq I	E	Enquê	e Collaborative I
Description	[Descrip	tion
,	100		
Prerequisite	F	Prerequ	iisite
		211	
Other	. 0	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 Contact name Contact email Field Programs - Fac of Education Dr. Lucy Le Mare lemare@sfu.ca DEPARTMENTAL APPROVAL Department Graduate Program Committee Signature Date Department Chair Signature Date ► FACULTY APPROVAL Faculty Graduate Studies Committee (FGSC) | Signature Lucy LeMare SENATE GRADUATE STUDIES COMMITTEE APPROVAL Senate Graduate Studies Committee (SGSC) **Jeff Derksen** Signature Date MAR 1 4 2019 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:



Attach a separate document if more space is requ	uirea.			
Course Subject/Number EDPR 597-599	Units 2-5	5	Effective Term and Year Fall 2019	
Course Title Advanced Field Studies in Collaborative Inquiry II				
Rationale for Change:	Rationale for Change:			
French translation of GDE courses. Course content not changing. Courses taught in French.				
Proposed Changes (Check all that apply)				
Course number Units* Title	Description	F	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)	
Advanced Field Studies in Collaborative Inqu	uiry II		s de terrain avancées en approche par ête collaborative II	
Course Short Title		Course	Short Title (max 30 characters)	
Adv.Field Studies/Collab Inq II		Enquê	te Collaborative II	
Description		Descrip		
Prerequisite		Prerequ	uisite	
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 Contact name Contact email Field Programs - Fac of Education Dr. Lucy Le Mare lemare@sfu.ca DEPARTMENTAL APPROVAL **Department Graduate Program Committee** Signature Date **Department Chair** Signature Date FACULTY APPROVAL Faculty Graduate Studies Committee (FGSC) Signature Lucy Le Mare ▶ SENATE GRADUATE STUDIES COMMITIEE APPROVAL Senate Graduate Studies Committee (SGSC)

Jeff Derksen Signature Date MAR 1 4 2019

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



TASC II 9900

TEL 778.782.5530 FAX 778.782.3424 www.sfu.ca/science

8888 University Drive, Burnaby, BC

Canada V5A 1S6

MEMORANDUM

Senate Graduate Studies Committee

DATE

February 13, 2019

FROM

ATTENTION

Michael Silverman, Associate Dean of Research

PAGES

and Graduate Studies

RE:

Calendar Entry for Translational and Integrative Neuroscience Specialization

The following curriculum items have been approved by the Faculty of Science and are forwarded to the Senate Graduate Studies Committee for approval. These curriculum items should be effective for Fall 2019. Please include them on the next SGSC agenda.

Faculty of Science

Department of Biomedical Physiology and Kinesiology

- -1) Motion to create a new acronym: NEUR
- 2) New courses: NEUR 800 Foundations of Cellular and Molecular Neuroscience

NEUR 801 - Foundations of Systems Neuroscience

NEUR 802-Translational and Integrative Neuroscience Workshop

- 3) Calendar Entry (standalone): Translational and Integrative Neuroscience Specialization
- 4) Calendar revisions: Biomedical Physiology and Kinesiology MSc and PhD
- 5) Course changes (deletion): BPK 825

BPK 861

BPK 865

Department of Biological Sciences

1) Calendar revisions: Biological Sciences MSc and PhD

Michael Silverman, Ph.D. Faculty Graduate Chair

Enclosure



Cover Memo to FSGC

To: Faculty of Science Graduate Studies Committee

From: Tom Claydon, Graduate Program Committee Chair BPK

Re: new TRAIN graduate specialization

Date: June 27th, 2018

The following new Translational and Integrative (TRAIN) graduate specialization with associated new courses and course deletions have been approved by the Department of Biomedical Physiology and Kinesiology and are forwarded to the Senate Graduate Studies Committee for approval. These curriculum items should be effective for Fall 2019. Please include them on the next SGSC agenda.

Department of Biomedical Physiology and Kinesiology

New calendar entry to create the TRAIN specialization

New courses: NEUR 800 (3), NEUR 801 (3), NEUR 802 (0)

Course deletions: BPK 861 (3), BPK 865 (3), BPK 825 (3)

The proposal includes the generation of a new specialization (TRAIN), which is similar in structure to the current existing Interdisciplinary Oncology Graduate Specialization (IOGS). The new specialization will be taught by instructors from multiple departments and faculties at SFU and offers courses to graduate students in different units. It is expected that the specialization will be attractive to students working in multiple areas within the neuroscience field and will provide a rich and stimulating graduate education experience. Interested students will be admitted to a home department and will then register in the specialization, which will be overseen by a steering committee. Listing the specialization in the calendar as a separate entry, outside of departmental entries, allows the description to appear (and be managed) in a single place in the calendar. The attached proposed new calendar entry describing the TRAIN specialization and new courses have been approved by the Department of Biological Sciences and the Department of Physchology, both of whom see enrollment interest from graduate students in their own programs.

Tom Claydon

Graduate Program Committee Chair, BPK



SIMON FRASER UNIVERSITY GRADUATE STUDIES & POSTDOCTORAL FELLOWS

Graduate Course Deletion

A course can be deleted if it has not been offered in the previous seven years or if there is no chance of it being offered again. Once a course has been deleted for a minimum of 10 years, the course subject and number can be re-used.

Course Subject/Number BPK 825		Units 3	
Course Title Behavioural Neuroscience			
Reason for Deletion	9		
Course has not been taught in over 10 years. In addition, a new neuroscience course (NEUR 801) that is part of the proposed Translational and Integrative Neuroscience (TRAIN) graduate specialization will be used instead.			
Effective Term and Year: Fall 2019			
Before Submission to SGSC check the foll	owing:		
Is this course required for degree comp	oletion?	☐ YES ☑ NO	
Do any program calendar entries need	to be changed as a result of this deletion?	UYES ₩NO	
Does the departmental website need to	be updated?	∐ YES 🗹 NO	
Additional information for any YES responses: Program calendar entry changes: just to remove BPK 825 from calendar.			
REMINDER: All course deletions must be identified on a cover memo and confirmed as approved when submitted to FGSC and SGSC. CONTACT PERSON			
Department / School / Program	Contact name	Contact email	
ВРК	Dan Marigold	daniel_marigold@sfu.ca	
DEPARTMENTAL APPROVAL			
Department Graduate Program Committee Tom Claydon	Signature T. C.	June 27th 2018	
Department Chair Angela Brooks—Wilson	Signature	June 28, 2018	
FACULTY APPROVAL			
Faculty Graduate Studies Committee (FGSC)	Signature	Date IIII 0 F 2010	
Brent Ward for Claire Cipples / Sout War			
SENATE GRADUATE STUDIES COMMITTEE APPROVAL			
Senate Graduate Studies Committee (SGSC) Jeff Derksen	Signature	MAR 1 4 2019	
Foreign Marie (Section 1997)	//	Revised August 2015	



SIMON FRASER UNIVERSITY GRADUATE STUDIES & POSTDOCTORAL FELLOWS

Graduate Course Deletion

A course can be deleted if it has not been offered in the previous seven years or if there is no chance of it being offered again. Once a course has been deleted for a minimum of 10 years, the course subject and number can be re-used.

Course Subject/Number BPK 861	-	Units 3	
Course Title Neuroscience			
Reason for Deletion			
Course is being replaced by a new neuroscience course (NEUR 800) this is part of the Translational and Integrative Neuroscience (TRAIN) graduate specialization.			
Effective Term and Year: Fall 2019	a a		
Before Submission to SGSC check the fol	lowing:		
Is this course required for degree com	pletion?	YES NO	
Do any program calendar entries need	to be changed as a result of this deletion?	YES NO	
Does the departmental website need t	o be updated?	YES NO	
Additional information for any YES responses: Program calendar entry changes: just to remove BPK 861 from calendar.			
REMINDER: All course deletions must be identified on a cover memo and confirmed as approved when submitted to FGSC and SGSC. CONTACT PERSON			
Department / School / Program	Contact name	Contact email	
ВРК	Dan Marigold	daniel_marigold@sfu.ca	
DEPARTMENTAL APPROVAL			
Department Graduate Program Committee Tom Claydon	Signature T.C.A.	Date	
•	A	June 28th 2018	
Department Chair Angela Brooks-Wilson	Signature	Date Jue 28, 2018	
FACULTY APPROVAL			
Faculty Graduate Studies Committee (FGSC)	Signature Mons	Date JUL 0.5 2018	
Brent Word for Claire Cypples / North Word			
SENATE GRADUATE STUDIES COMMITTEE APPROVAL			
Senate Graduate Studies Committee (SGSC) Left Derksen	Signature	MAR 1 4 2019	
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Revised August 2015



SIMON FRASER UNIVERSITY GRADUATE STUDIES & POSTDOCTORAL FELLOWS

Graduate Course Deletion

A course can be deleted if it has not been offered in the previous seven years or if there is no chance of it being offered again. Once a course has been deleted for a minimum of 10 years, the course subject and number can be re-used.

Course Subject/Number		ct and number can be re-used.	
BPK 865		Units 3	
Course Title			
Neural control of movement Reason for Deletion			
The state of the s	M pourossiones source (NELID 004)	0	
Translational and Integrative Neu	w neuroscience course (NEUR 801) rroscience (TRAIN) graduate special	that is part of the proposed	
	, , ,		
Effective Term and Year: Fall 2019			
Before Submission to SGSC check the fo	llowing.		
ls this course required for degree con	2 7	∏YES √NO	
	d to be changed as a result of this deletion?		
Does the departmental website need	to be updated?	YES NO	
Additional information for any YES responses	2.		
Program calendar entry	changes: just to remove B	PK 865 from calendar	
Program calendar entry changes: just to remove BPK 865 from calendar. REMINDER: All course deletions must be identified on a cover memo and confirmed as approved when submitted to FGSC and SGSC.			
FGSC and SGSC.	The state of the seven memoral and committee	as approved when submitted to	
CONTACT PERSON			
Department / School / Program	Contact name	Contact email	
BPK	Dan Marigold	daniel_marigold@sfu.ça	
DEPARTMENTAL APPROVAL			
Department Graduate Program Committee	Signature	Date	
Tom Claydon	1.6/	June 27th 2018	
Department Chair	Signature	Date Sun & 2018	
Argela Brooks-Wilson		June 88, 2018	
FACULTY APPROVAL	COPAGO		
Faculty Graduate Studies Committee (FGSC)	Signature	Date JUL 0.5 2018	
Brent Word for Claire Cupples	Kest Word	300 0.3 2010	
SENATE GRADUATE STUDIES COMMITTEE APPROVAL			
Senate Graduate Studies Committee (SGSC) Jeff Derksen	Signature (Date	
		MAR 1 4 2019	
	//	Revised August 2015	



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FAX 778.782.3424

Canada V5A 1S6

MEMORANDUM

Senate Graduate Studies Committee

DATE

February 10, 2019

FROM

RE:

ATTENTION

Michael Silverman, Associate Dean of Research

PAGES

and Graduate Studies

Unit number changes for the PhD Thesis course, PHYS 899 - Physics

The following calendar changes have been approved by the Faculty of Science and are forwarded to the Senate Graduate Studies Committee for approval. These curriculum items should be effective for Fall 2019. Please include them on the next SGSC agenda.

Department of Physics

The change is to the number of units associated with the PhD thesis course, PHYS 899, from 6 units to units. Please see the next page for an explanation regarding the number of units for the MSc thesis course, PHYS 898 vis-à-vis PHYS 899. This change is purely cosmetic and has no implications for the students currently enrolled in the graduate program in Physics.

> Michael Silverman, Ph.D. Faculty Graduate Chair

Enclosure: Rational, M. Kennett; Graduate Course Change Form

cc: D. Babeshko



TEL +1 778 782 4826 FAX +1 778 782 3592

Simon Fraser University Department of Physics 8888 University Drive Burnaby BC Canada V5A 1S6

January 24, 2019

Dear Michael,

I am writing to inform you of a course change form and program change form that I am submitting to you. The substance of the change is to change the units associated with the Ph.D Thesis course, PHYS 899, from 6 units to 18 units. The rationale for this change is that several years ago the M.Sc Thesis course, PHYS 898, was changed to be an 18 unit course, and given that the Ph.D Thesis requires considerably more work than an M.Sc Thesis, the department of Physics considers it appropriate that the units allocated to the course be larger—than that of the M.Sc Thesis. This change is purely cosmetic and has no implications for students currently enrolled in the graduate program in Physics. I would appreciate it if you could bring this matter to the committee of Science Graduate Chairs for approval.

Yours sincerely,

Malcolm Kennett

Associate Professor and Graduate Chair Department of Physics Simon Fraser University



SIMON FRASER UNIVERSITY GRADUATE STUDIES & POSTDOCTORAL FELLOWS

Attach a separate document if more space is required.				
Course Subject/Number PHYS 899	Units 6	Effective Term and Year	Fall 2019	
Course Title Ph.D Thesis				
Rationale for Change:				
The M.Sc Thesis course in Physics is an 18 unit course. The change is to reflect the expectation that the Ph.D thesis involves considerably more work than the M.Sc thesis.				
Proposed Changes (Check all that apply)				
Course number Units* Title Description Prerequisite Other				
Complete only the fields to be changed	ТО			
FROM		Subject/Number		
Course Subject/Number	Course Subject/Number Course Subject/Number			
Units 6	Units*	18		
Course Title	Course	Title (max 100 characters)	(*)	
Course rice	-	¥	940	
	2	ž	•	
Course Short Title	Course	Short Title (max 30 character	sì	
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Description	Descri	ption		
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	-			
Prerequisite	Prerec	quisite	•	
		•		
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.

CONTACT PERSON		
Department / School / Program	Contact name	Contact email
Physics	Malcolm Kennett	physgchr@sfu.ca
DEPARTMENTAL APPRO	VAL	
Department Graduate Program Committee	Signature	- Date
Malcolm Kennett	MP Connell	24th January 2019 Date 24th January 2019
Department Chair	Signature /// -	Date
Jeff Sonier		24th January 2019
FACULTY APPROVAL Faculty Graduate Studies Committee (FGSC) Michael Silverman	Signature Michael A. Siland	Date 2.10.2019
SENATE GRADUATE STU	IDIES COMMITTEE APPRO	OVAL
Senate Graduate Studies Committee (SGSC) Jeff Derksen	Signature	Date MAR 1 4 2019
ADMINISTRATIVE-SECTION (for DGS office		ferent from regular units:
Course Attribute:	Acad	lemic Progress Units:
Instruction Mode:	Pragastadum i prakultu Fina	ncial Aid Progress Units:
Attendance Type:		