

8888 University Drive, TEL: 778.782.6654 avpacad@sfu.ca
 Burnaby, BC FAX: 778.782.5876 www.sfu.ca/vpacademic
 Canada V5A 1S6

MEMORANDUM

ATTENTION	Senate	DATE	March 8, 2019
FROM	Elizabeth Elle, Vice-Chair	PAGES	1/3
RE:	Senate Committee on Undergraduate Studies New Course Proposals		



For information:

Acting under delegated authority at its meeting of March 7, 2019 SCUS approved the following curriculum revisions effective Fall 2019.

a. Faculty of Arts and Social Sciences (SCUS 19-14)**1. School of Criminology**

(i) New Course Proposal: CRIM **406-3** Family Violence and Criminal Justice

2. Department of Economics

(i) New Course Proposals:

- ECON 222-3, Introduction to Game Theory
- ECON 329-3, Experimental Economics
- ECON 370-3, Health Economics
- ECON 422-3, Seminar in Game Theory
- ECON 470-3, Seminar in Health Economics

3. Department of First Nations Studies

(i) New Course Proposal:

- FNST 111-3, Introduction to Participatory Indigenous Research Methods
- FNST 186-3, Coast Salish Studies
- FNST 232-3, Introduction to Ethnoecology in First Nations Studies
- FNST 333-3, Ethnozoology of British Columbia First Nations

4. Department of Gender, Sexuality and Women's Studies

(i) New Course Proposal: GSWS 414-4, *Dude, Where's My Body? Biopolitics, Biotechnologies, Bioecologies*

5. Hellenic Studies

(i) New Course Proposals:

- GRK 191-3, Modern Greek for Beginners Level I
- GRK 192-3, Modern Greek for Beginners Level II
- GRK 291-3, Modern Greek Intermediate Level I
- GRK 292-3, Modern Greek Intermediate Level II

6. School of International Studies

(i) New Course Proposals:

- IS 105-3, Around the World Through Film (with B-Hum and B-Soc designations)
- IS 221-3, Workers in the Global Economy: Globalization, Labour and Uneven Development (cross-listed with LBST 201; with B-Soc designation)
- IS 306-4, State Failure and Reconstruction
- IS 444-4, Inside Diplomacy: A Practitioner's Perspective

7. Language Training Institute

(i) New Course Proposal: ARAB 101-3, Introduction to Arabic II

8. Department of Philosophy

(i) New Course Proposal: PHIL 326-3, Topics in Law and Philosophy

b. Faculty of Communication, Art and Technology (SCUS 19-15)

1. School of Communication

(i) New Course Proposal: CMNS 355-4, Technologies of Gender and Sexuality

c. Faculty of Environment (SCUS 19-16)

1. Department of Geography

(i) New Course Proposal: GEOG 492-4, Advanced Theory and Methods for Human Geographers

d. Faculty of Science (SCUS 19-17)

1. Department of Molecular Biology and Biochemistry

(i) New Course Proposal: MBB 343-2, Data Science Laboratory for Molecular Biology and Biochemistry with Q designation

2. Department of Statistics and Actuarial Science

(i) New Course Proposals:

- STAT 260-2, Introductory R for Data Science
- STAT 261-1, Laboratory for Introductory R for Data Science
- STAT 320-2, Introduction to Data Science for the Life Sciences with Q designation
- STAT 360-2, Advanced R for Data Science
- STAT 361-1, Laboratory for Advanced R for Data Science

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>.

COURSE SUBJECT Criminology NUMBER CRIM 406

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation
Family Violence and Criminal JusticeCOURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation
Family ViolenceCAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus

COURSE DESCRIPTION — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

Examines the social and cultural context of family violence and legal and social service interventions to prevent this violence. Topics may include: child and elder abuse and neglect, sibling abuse, violence against women, victimization of men, violence in same-sex couples, the police response, courts and corrections.

REPEAT FOR CREDIT YES NO Total completions allowed Within a term? YES NO**LIBRARY RESOURCES**NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.**RATIONALE FOR INTRODUCTION OF THIS COURSE**

This course will be an elective within our programs and is a central research area for one of our new tenure-track faculty members, allowing students access to this faculty members expertise.

This seminar will specifically focus on the issue of family violence, which is a notable void in our offerings of Criminology courses. The strength of this course is that it discusses family violence across the life span and uses a life-course perspective. This course differs from other courses that focus exclusively on violence against women or violence against children. Students will discuss various forms of abuse, including dating violence, sibling abuse, child and elder abuse/neglect, male and female battering, and family violence in same-sex relationships. The high relevance of this course to criminology students is attributed to the extensive discussion of the criminal justice system's responses to family violence. Students will discuss proactive arrest policies, restraining orders, and the collaborative response between different agencies to address domestic violence in Canada, the United States and other countries. This course has been offered successfully three times now as a special topics course, with almost full enrollments and there is strong student interest in regularizing it.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **25****UNITS**Indicate number of units: **3**Indicate no. of contact hours: Lecture **3** Seminar Tutorial Lab Other; explain below**OTHER**

FACULTY

Which of your present CFL faculty have the expertise to offer this course?

Dr. Alexandra Lysova, Dr. Sheri Fabian, Dr. Maaike Helmus, Dr. Bryan Kinney**WQB DESIGNATION**

(attach approval from Curriculum Office)

N/A**PREREQUISITE AND / OR COREQUISITE****CRIM 101**

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]**1. SEQUENTIAL COURSE** [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* first may not then take this course for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

Students who have taken CRIM 416 in Fall 2017, CRIM 319 in Spring 2018, CRIM 416 in Fall 2018, under the title "Family Violence & Criminal Justice" may not take this course for further credit

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE – LEVEL EDUCATIONAL GOALS (OPTIONAL)

Upon completion of this course students should be able to:

- Understand the dynamics of domestic violence from at least one theoretical perspective, including risk and protective factors.
- Know how domestic violence is experienced within different populations.
- Describe the main methods used to study family violence empirically.
- Explain the core aspects and also strengths and weaknesses of the major micro and macro theories of family violence.
- Demonstrate a substantive understanding (background, research, theory, and intervention) of a particular type of domestic violence.
- Understand how domestic violence research is interrelated with development and implementation of violence prevention program and criminal justice responses.
- Know the roles of the criminal justice system and how it protects victims of domestic violence.
- Critically analyze the issues associated with domestic violence.

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

No

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Alexandra Lysova

COURSE SUBJECT NUMBER **COURSE TITLE LONG** — for Calendar/schedule, no more than 100 characters including spaces and punctuation**COURSE TITLE SHORT** — for enrollment/transcript, no more than 30 characters including spaces and punctuation**CAMPUS** where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus**COURSE DESCRIPTION** — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

An introduction to game theory and strategic thinking. Covers the core concepts and tools for analyzing strategic interactions, as well as various applications in economics and other fields such as business, political science, history, sports, and biology.

REPEAT FOR CREDIT YES NO Total completions allowed Within a term? YES NO**LIBRARY RESOURCES**

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

Former ST course, taught regularly by existing faculty. Will be incorporated as elective. Projected enrolment 120 students.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **120****UNITS**Indicate number of units: **3**Indicate no. of contact hours: **2** Lecture **1** Seminar **1** Tutorial **1** Lab **1** Other; explain below**OTHER****FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

Shih En Lu, David Freeman, Songzi Du

WQB DESIGNATION

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE**ECON 103 or MATH 157**

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* first may not then take this course for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

Students who have taken ECON 282 Selected Topics - Intro Game Theory in Fall 2011, Fall 2016, Spring 2017, or Spring 2019 may not take this course for further credit.

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE - LEVEL EDUCATIONAL GOALS (OPTIONAL)

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Anke Kessler (Undergraduate Chair)

COURSE SUBJECT

Econ

NUMBER

329

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation

Experimental Economics

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation

Experimental Econ

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus**COURSE DESCRIPTION** — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

Covers experimental methods that are used to test existing theories of rational and behavioural economic decision making in a number environments related to markets, different institutions, as well as strategic situations. Introduces and discusses methodological tools needed to design, run and analyze experiments.

REPEAT FOR CREDIT

YES

NO

Total completions allowed

Within a term?

YES

NO

LIBRARY RESOURCES

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

Former ST course, taught regularly by existing faculty. Will be incorporated as elective. Projected enrolment 120 students.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **120****UNITS**Indicate number of units: **3**Indicate no. of contact hours: **2** Lecture **1** Seminar **1** Tutorial **1** Lab **1** Other; explain below**OTHER****FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

Jasmina Arifovic, David Freeman, Luba Petersen**WQB DESIGNATION**

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE

Prerequisite: ECON 103 and ECON 105.

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* first may not then take this course for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

Students who have taken Econ 383 ST: Experimental Economics in Fall 2011, Fall 2012, Summer 2013, Spring 2014, Summer 2014, Fall 2018, or Spring 2019 may not take this course for further credit.

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE – LEVEL EDUCATIONAL GOALS (OPTIONAL)

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Anke Kessler (Undergraduate Chair)

**SIMON FRASER UNIVERSITY
DEPARTMENT OF ECONOMICS**

Course: ECON 329 D100

Title: Experimental Economics

Semester

Instructor: Jasmina Arifovic

Description:

This course uses experimental economics methods to study economic decision-making in a variety of interesting economic environments. The objective of experimental economics is to test the predictions of the existing theories and models and study human behavior in settings that involve markets, different institutions as well as strategic behavior. Furthermore, we will discuss the methodological tools needed to design, run and analyze experiments.

Each week you will participate in one or more sample experiments during the class or tutorial session, and your performance on these experiments will contribute to your final grade. At the beginning of each class, there will also be a quiz related to the material covered in the previous class. The final project (in groups of 3-5) will be the design and preliminary implementation of your own economics experiment on a research question you find interesting along with a paper and a presentation describing the experiment and your findings. The class requires a lot of reading, writing and in-class discussion. Thus, regular attendance is essential for good performance.

Grading:

40% Group Project (30% Paper, 10% Presentation)
20% 1 Page Paper Reviews/ problem sets
10% Experimental Instructions
10% Project Proposal
10% Class Participation (including performance on in-class experiments)
10% In-class quizzes (will take place at the beginning of each class)

Required Text: Experimental Methods: A Primer for Economists. D Friedman and S. Sunder 1994. Cambridge Press

Supplemental Text: Markets, Games, & Strategic Behavior, C. Holt, 2007, Pearson Education, pdf available online

Reading list:

Every week we will study one of the topics from the following list by reading published articles and research working papers:

1. Ultimatum Games, Bargaining
2. Finite and Infinite Prisoner's Dilemma Games
3. Coordination Games:
 Minimum Effort Game
 Battle of the Sexes, Chicken
4. Learning and Adaptation :comparison with results from the experiments with human subjects
5. Markets and aggregation (auctions, call markets)
6. Asset markets and bubbles
7. Behavioral economics - fairness, social preferences
8. Voluntary contribution mechanisms, Tragedy of Commons
9. Beauty Contest Game and Levels of Reasoning
10. Monty Hall Problem
11. Bank Runs and Sunspots
12. Cournot games
13. Macroeconomics and coordination

The required readings will be published on Canvas. We will use the readings to examine the results of experiments in a variety of economic environments and to learn about the important issues about experimental design, conduct of the experiments and the analysis of the data. These readings will be supplemented by the sections from the textbook that deal with these questions.

We will also choose a set of the readings to take them as examples of how the research papers should be presented and how the experimental instructions should be written.

Important Dates:

Week 3 -- Send an email with the names and email addresses of group members. (3-5 members per group, all in the same tutorial session.)

Week 8 -- Turn in 3 page project proposal. (This should contain a clear statement of your research question and your proposed method of answering that question.)

Week 9 -- Turn in experiment instructions. (Exactly as you plan to present them to your subjects.)

Week 13 -- Final papers due **IN CLASS.**

Weeks 12, 13 -- Final presentations. (15-20 minutes per group.) 103 and ECON 105

From: Megan Crouch mcrouch@sfu.ca
Subject: Library Report: ECON 222, 329, 370, 422, 470
Date: January 22, 2019 at 12:08 PM
To: Economics Undergrad Chair econ_undergradchair@sfu.ca
Cc: lib-courseassessment@sfu.ca, Mark Bodnar mbodnar@sfu.ca, Lorraine Kwan lkwan@sfu.ca



Dear Anke,

I've reviewed the proposals for the following courses:

- ECON 222: Introduction to Game Theory,
- ECON 329: Experimental Economics,
- ECON 370: Health Economics,
- ECON 422: Seminar in Game Theory, and
- ECON 470: Seminar in Health Economics.

No additional resources will be required to support them.

This email will serve as your record that the Library has conducted the assessment of the proposals as they move through the approval process. Once the courses have been approved by Senate, they will appear on this list:
<http://www.lib.sfu.ca/about/overview/collections/course-assessments/arts-social-sciences>

Please let me know if you have any questions.

Best,
Megan

Megan Crouch
Collections Librarian
Simon Fraser University Library
Located on the unceded traditional territories of the xʷməθkʷəy̓əm (Musqueam), Sḵwx̱wú7mesh Úxwumixw (Squamish), Səl̓ílwətaɬ (Tsleil-Waututh) First Nations.
I work from home on Mondays. I am on campus Tuesday through Friday.

Begin forwarded message:

From: Economics Undergrad Chair <econ_undergradchair@sfu.ca>
Subject: Library Review for Econ new course proposals
Date: January 3, 2019 at 5:31:16 PM PST
To: "lib-courseassessment@sfu.ca" <lib-courseassessment@sfu.ca>

Hello Megan,

See attached for a number of Econ new course proposals for library review. I have included both the new course proposals and sample syllabi. All of these are Selected Topics courses that have been taught for a few terms and are now being integrated into our regular curriculum. Let me know if you need more information.

I plan to submit the proposals to the Feb 7th 2019 FASSCC meeting.

Thank you, and Happy New Year

Anke

COURSE SUBJECT Econ

NUMBER 370

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation

Health Economics

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation

Health Economics

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus**COURSE DESCRIPTION** — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

Presents key concepts of health economics as a basis to understand the current debates on health policy issues. Topics covered include demand and supply for medical care, the demand and supply for health insurance, universal insurance, and externalities in health and medical care. Discusses recent health policy issues.

REPEAT FOR CREDIT YES NO Total completions allowed Within a term? YES NO**LIBRARY RESOURCES**

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

Former ST course, taught regularly by existing faculty. Will be incorporated as an elective. Projected enrollment 120 students.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **120****UNITS**Indicate number of units: **3**Indicate no. of contact hours: **2** Lecture **1** Seminar **1** Tutorial **1** Lab **1** Other; explain below**OTHER****FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

Hitoshi Shigeoka, Kevin Schnepel**WQB DESIGNATION**

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE**ECON 103 and Econ 105**

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* **first** may not then take this course for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

Students who have taken Econ 383 Selected Topics: Economics & Health in Fall 2012, Fall 2013, Spring 2014, Fall 2014, Summer 2016, Summer 2017, or Spring 2018 cannot take this course for further credit.

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE – LEVEL EDUCATIONAL GOALS (OPTIONAL)

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Anke Kessler (Undergraduate Chair)

COURSE SUBJECT Econ**NUMBER** 422**COURSE TITLE LONG** — for Calendar/schedule, no more than 100 characters including spaces and punctuation
Seminar in Game Theory**COURSE TITLE SHORT** — for enrollment/transcript, no more than 30 characters including spaces and punctuation
Sem Game Theory**CAMPUS** where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus**COURSE DESCRIPTION** — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

Seminar in game theory and its applications. Covers equilibrium and non-equilibrium concepts for studying strategic interactions for static and/or dynamic games with complete and/or incomplete information. Applications will be drawn from human cooperation, market structure and design, strategic communication, politics, business strategy, collective bargaining, psychology, and environmental issues.

REPEAT FOR CREDIT YES NO Total completions allowed Within a term? YES NO**LIBRARY RESOURCES**

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

Former ST course, taught regularly by existing faculty. Will be incorporated as an elective. Projected enrollment is 20 students.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **20****UNITS**Indicate number of units: **3**Indicate no. of contact hours: **3** Lecture **3** Seminar **0** Tutorial **0** Lab **0** Other; explain below**OTHER****FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

Shih En Lu, David Freeman, Anke Kessler**WQB DESIGNATION**

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE

Prerequisite: ECON 302

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* **first** may not then take this course for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

Students with credit for ECON 482 ST: Applied Game Theory in Fall 2014 or Fall 2016 may not take this course for further credit.

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE - LEVEL EDUCATIONAL GOALS (OPTIONAL)

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Anke Kessler (Undergraduate Chair)

COURSE SUBJECT

Econ

NUMBER

470

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation

Seminar in Health Economics

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation

Sem Health Econ

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus

COURSE DESCRIPTION — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

Studies key empirical methods in economics and applies them to the topics in health economics. Covers basic concepts such as demand and supply for medical care and health insurance as well as some emerging issues.

REPEAT FOR CREDIT

 YES NO

Total completions allowed

Within a term?

 YES NO**LIBRARY RESOURCES**

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

Former ST course, taught regularly by existing faculty. Will be incorporated at as elective. Projected enrollment is 20 students.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **20****UNITS**Indicate number of units: **3**Indicate no. of contact hours: **3** Lecture **3** Seminar **0** Tutorial **0** Lab **0** Other; explain below**OTHER****FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

Hitoshi Shigeoka, Kevin Schnepel**WQB DESIGNATION**

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE**ECON 201, BUEC 333**

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* **first** may not then take this course for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

Students who have taken Econ 483 Selected Topics: Topics in Health Economics in Spring 2013, Spring 2014, Summer 2016, Spring 2017, Summer 2017, or Summer 2018 cannot not take this course for further credit.

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE – LEVEL EDUCATIONAL GOALS (OPTIONAL)

The course aims to

1. enhance understanding of the economic principles that drive the health care system such as supply and demand for health care and health insurance
2. introduce students to the use of economic analysis for evaluating reforms and proposals in health-care policy making
3. familiarize students with the basic analytical and empirical skills to critically read the non-technical academic papers. Upon completion of the course, participants should be able to analyze a study described in the newspaper and ascertain its credibility.

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Anke Kessler (Undergraduate Chair)



COURSE SUBJECT FNST

NUMBER 111

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation

Introduction to participatory Indigenous Research Methods

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation

Participatory Digital and Visual Methods

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus**COURSE DESCRIPTION** — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

Chronologically analyses the use of photography to research Indigenous peoples from the 19th Century anthropological methods to contemporary participatory action methods. Highlights how Indigenous peoples are adapting research methods to benefit and empower their communities.

REPEAT FOR CREDIT YES NO Total completions allowed Within a term? YES NO

LIBRARY RESOURCES

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

The course will analyze how photography and other visual accounts of Indigenous peoples have been conducted to highlight their communities and families from the view points of anthropology, sociology, and public health. Students will be introduced to Participatory Action Research and other qualitative methods, and learn the applications for Photovoice. Students will learn basic protocols and knowledge about research with Indigenous peoples. Students will be introduced to issues around the ethics and application of participatory digital and visual methods. Students will learn basic NVivo analysis, how to work together as a team to create thematic codes, and how to evaluate their photographs as a group.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **20****UNITS**Indicate number of units: **3**Indicate no. of contact hours: **2** Lecture **2** Seminar **1** Tutorial **1** Lab **1** Other; explain below**OTHER****FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

Natahnee Winder**WQB DESIGNATION**

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE**FNST 101 or 201W**

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* first may not then take this course for further credit.

n/a

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

n/a

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

n/a

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE – LEVEL EDUCATIONAL GOALS (OPTIONAL)

1. Discuss the history of research on Indigenous peoples from their own perspectives
2. Identify, analyze, and assess contemporary critical research issues impacting Indigenous peoples and critique assumptions about Indigenous peoples in text, research, and media
3. Use modern library research and hand-on participatory research methods to access and evaluate information about specific topics related to First Nations and Indigenous peoples.
4. Effectively communicate research and knowledge, orally, in writing and through various forms of arts and media
5. Understand and conduct the ethical processes and communication of research, including Indigenous ethics and protocols.
6. Learn and implement the goals of Participatory Research.

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

Need advance booking for computer laboratory with Nvivo for analyzing the pictures

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Natahnee Winder

COURSE SUBJECT	First Nations Studies	NUMBER	186
----------------	-----------------------	--------	-----

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation
Coast Salish Studies

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation
Coast Salish Studies

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus

COURSE DESCRIPTION — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

An introduction to Coast Salish nations, lands, and cultures from historical and contemporary perspectives. Study of similarities and diversities between Coast Salish communities, and their connections to their shared homelands on which SFU is located.

REPEAT FOR CREDIT YES NO Total completions allowed Within a term? YES NO

LIBRARY RESOURCES

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

While this course was initially taught by a sessional instructor, it is the desire by current tenured faculty to have it as part of our regular undergraduate course offerings. Offers students the chance to learn deeply about the Indigenous nations on whose homelands they reside while they are studying at SFU. This can promote the spirit of reconciliation at SFU and deepen connections between the institution and local Coast Salish communities. This course can be offered in the classroom or as part of an upcoming field school.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **30****UNITS**Indicate number of units: **3**Indicate no. of contact hours: **3** Lecture **0** Seminar **0** Tutorial **0** Lab **0** Other; explain below**OTHER****FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

Rudy Reimer, Marianne Ignace, Deanna Reder**WQB DESIGNATION**

(attach approval from Curriculum Office)

none

PREREQUISITE AND / OR COREQUISITE

none

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken (*place relevant course(s) in the blank below (ex: STAT 100)*) **first** may not then take this course for further credit.

none

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(*Place relevant course(s) in the blank below (ex: STAT 100)*) will be accepted in lieu of this course.

none

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for (*place relevant course(s) in the blank below (ex: STAT 100)*) may not take this course for further credit.

none

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

Students who have taken this as a Special Topics FNST 222 course are not allowed to take NFST 186 for further credit.

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE - LEVEL EDUCATIONAL GOALS (OPTIONAL)

Students will be able to:

- discuss, in detail, the histories and cultures of Coast Salish peoples, from their own perspectives
- identify, analyze and assess contemporary critical issues facing Coast Salish people, and critique assumptions about them people in texts and media
- use modern library / archival research and retrieval methods to access information about specific topics related to Coast Salish peoples and related cultures
- effectively communicate research and knowledge orally, in writing, and through various forms of arts and media

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

not applicable

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Maddie Knickerbocker and Deanna Reder

COURSE SUBJECT

FNST

NUMBER

232

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation

Introduction to Ethnoecology in First Nations Studies

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation

Ethnoecology in FNST

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus

COURSE DESCRIPTION — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

Through the interdisciplinary lens of ethnoecology, this course is an exploration of ongoing, hard-earned and reciprocal relationships between people and their environment. This course considers the cultural underpinnings of perception and interaction with landscape and ecologies – as one way to appreciate issues of sustainability and diversity in a global context.

REPEAT FOR CREDIT

 YES NO

Total completions allowed

Within a term?

 YES NO**LIBRARY RESOURCES**

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

This course introduces students to the foundational principles, concepts and mechanisms in the reciprocal interactions between human cultures and the natural environment.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **30****UNITS**Indicate number of units: **3**Indicate no. of contact hours: **3** Lecture **0** Seminar **0** Tutorial **0** Lab **0** Other; explain below**OTHER****FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

Rudy Reimer**WQB DESIGNATION**

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE**FNST 101 or 201W**

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]**1. SEQUENTIAL COURSE** [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* first may not then take this course for further credit.

n/a

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

n/a

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

n/a

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]**FEES**

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE – LEVEL EDUCATIONAL GOALS (OPTIONAL)

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

None

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Rudy Reimer

COURSE SUBJECT FNST

NUMBER 333

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation
Ethnozoology of British Columbia First Nations

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation
Ethnozoology of BC First Nations

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus

COURSE DESCRIPTION — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

This course explores the unique relationship that the First Nations peoples of North America have with animals. It examines how they named, classified, used and managed animals and compares this to western science.

REPEAT FOR CREDIT YES NO Total completions allowed Within a term? YES NO

LIBRARY RESOURCES

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

Course already exists, this proposal is to change the course from FNST 222 ST to a regular course FNST 322 level course. This and FNST 232 and FNST 332 will offer a range of courses for student with a interest in how First Nations peoples used, managed and modified thier environments.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **30****UNITS**Indicate number of units: **3**Indicate no. of contact hours: **3** Lecture **1** Seminar **1** Tutorial **1** Lab **1** Other; explain below**OTHER****FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

Rudy Reimer**WQB DESIGNATION**

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE

Either FNST 101 or 201W and FNST 232

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]**1. SEQUENTIAL COURSE** [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* **first** may not then take this course for further credit.

n/a

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

n/a

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

n/a

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

This course has already been offered as a Special Topics course FNST 222. Students who have taken this course as FNST 222 may not take FNST 333 for further credit.

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE – LEVEL EDUCATIONAL GOALS (OPTIONAL)

Under development

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

None

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Rudy Reimer



COURSE SUBJECT

GSWS

NUMBER

414

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation
 Dude, Where's My Body?": Biopolitics, Biotechnologies, Bioecologies

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation
 "Dude, Where's My Body?"

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus

COURSE DESCRIPTION — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

Bodies are composed of matter and are given to matter. This course situates embodiment socially, historically, technologically, biologically, politically, and economically.

REPEAT FOR CREDIT

 YES NO

Total completions allowed

Within a term?

 YES NO**LIBRARY RESOURCES**

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

In her 1991 "Cyborg Manifesto," feminist science studies scholar Donna Haraway asked, "Why should our bodies end at the skin?" In a historical moment in which cells are technologies, genes can be edited, organs and tissues are exchangeable, plastic molecules and industrial chemicals are laced through our bodies, and our limbs, senses, sex, looks, and lives are technologically transformable, the question of where our bodies begin and end takes on a renewed urgency. This course offers students a robust framework for situating our bodies in the world and for asking how this world is situated in our bodies, from the political categorization and management of bodies in the 18th century clinic to the technological manipulation and distribution of biological materials in the 21st century lab. Through a range of interdisciplinary perspectives and case studies ranging from genetics and ecology to Afrofuturism and body hacking, the course asks students to take the body as a key site of knowledge and power and gives them a theoretical toolkit to consider how different definitions of and approaches to the body enable or foreclose possibilities for seeing and acting on entanglements of matter and meaning in our worlds.

This course will be run as an advanced upper-level undergraduate seminar. It is offered as an elective, but meets the upper-level program requirement for GSWS majors and minors. While large undergraduate survey courses like "Disciplining Sex" offer a broad introduction for non-majors to questions around the study and regulation of bodies, this course offers advanced GSWS undergraduate student learning in an intimate and challenging theoretically-driven in-depth seminar structure.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **20****UNITS**Indicate number of units: **4**Indicate no. of contact hours: Lecture **4** Seminar Tutorial Lab Other; explain below**OTHER****FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

Coleman Nye, Assistant Professor
Tiffany Muller Myrdahl, Senior Lecturer**WQB DESIGNATION**

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE

45 units, including 6 units in GSWS

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* **first** may not then take this course for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

Students who have taken GSWS411 or GSWS831 in Fall 2018 or Fall 2017, or GSWS320 or GSWS830 in Spring 2016 under the title "Dude, Where's My Body?" may not take this course for further credit.

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE – LEVEL EDUCATIONAL GOALS (OPTIONAL)

- * I. Display disciplinary knowledge of core concepts of gender and sexuality.
- * II. Develop Transferable Skills and Information Literacy.
- * III. Analyze and assess the concept of gender with an intersectional focus.
- * IV. Analyze, assess, and apply interdisciplinary approaches to gender and sexuality.

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Coleman Nye

COURSE SUBJECT **GRK**NUMBER **191**

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation
Modern Greek for Beginners Level I

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation
Modern Greek Beginners I

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus

COURSE DESCRIPTION — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

Basic online introduction to the Greek language for students with no prior experience in studying it. Introduces basic grammar and students will develop their ability to interact in basic communicative events. Writing, speaking, and the cultural context of the language are also covered.

REPEAT FOR CREDIT YES NO Total completions allowed Within a term? YES NO

LIBRARY RESOURCES

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

The course will be replacing GRK 110. It includes new assessment metrics for the assignments, in-class supervised midterm and final exam to further protect the academic integrity of the course which is to be delivered online.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **30****UNITS**Indicate number of units: **3**Indicate no. of contact hours: Lecture Seminar Tutorial Lab X Other; explain below**OTHER****Online course****FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

Dr. Eirini Kotsovili**WQB DESIGNATION**

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE**None.**

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course/s) in the blank below (ex: STAT 100)* **first** may not then take this course for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course/s) in the blank below (ex: STAT 100) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course/s) in the blank below (ex: STAT 100)* may not take this course for further credit.

GRK110 and LANG110

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE - LEVEL EDUCATIONAL GOALS (OPTIONAL)

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

None.

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Dr. Eirini Kotsovili

COURSE SUBJECT GRK

NUMBER 192

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation
Modern Greek for Beginners Level II**COURSE TITLE SHORT** — for enrollment/transcript, no more than 30 characters including spaces and punctuation
Modern Greek Beginners II**CAMPUS** where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus**COURSE DESCRIPTION** — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

Basic introduction to the Greek language for students who have developed the necessary foundations from GRK 191. Continues to introduce basic grammar and students will develop their ability to interact in basic communicative events. Writing, speaking, and the cultural context of the language are also covered.

REPEAT FOR CREDIT YES NO Total completions allowed Within a term? YES NO**LIBRARY RESOURCES**

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

The course will be replacing GRK 160. It includes new assessment metrics for the assignments, in-class supervised midterm and final exam to further protect the academic integrity of the course which is to be delivered online.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer FallOther (*describe*)Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **20****UNITS**Indicate number of units: **3**Indicate no. of contact hours: Lecture Seminar Tutorial Lab X Other; explain below**OTHER****Online course****FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

Dr. Eirini Kotsovili**WQB DESIGNATION**

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE**GRK191 or equivalent**

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* **first** may not then take this course for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

GRK160 and LANG160

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE – LEVEL EDUCATIONAL GOALS (OPTIONAL)

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

None.

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Dr. Eirini Kotsovili

COURSE SUBJECT **GRK**NUMBER **291****COURSE TITLE LONG** — for Calendar/schedule, no more than 100 characters including spaces and punctuation
Modern Greek Intermediate Level I**COURSE TITLE SHORT** — for enrollment/transcript, no more than 30 characters including spaces and punctuation
Modern Greek Intermediate I**CAMPUS** where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus**COURSE DESCRIPTION** — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

This course will continue developing students' Greek language skills so that they can communicate in situations that extend beyond the basic level. The course will cover various intermediate-level grammatical structures, including the mediopassive voice for verbs, irregular classes of nouns, and the structure of subordinate sentences. Students will also receive training in speaking, reading and writing.

REPEAT FOR CREDIT YES NO Total completions allowed Within a term? YES NO**LIBRARY RESOURCES**

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

The course will be replacing GRK 210. It includes redesigned assessment metrics for written assignments on randomly selected topics specifically prepared for each student and new in-class supervised final exam to further protect the academic integrity of the course which is to be delivered online.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer FallOther (*describe*)Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **15****UNITS**Indicate number of units: **3**Indicate no. of contact hours: Lecture Seminar Tutorial Lab X Other; explain below**OTHER****Online course****FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

Dr. Eirini Kotsovili**WQB DESIGNATION**

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE**GRK 192 or equivalent**

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken (*place relevant course(s) in the blank below (ex: STAT 100)*) **first** may not then take this course for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(*Place relevant course(s) in the blank below (ex: STAT 100)*) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for (*place relevant course(s) in the blank below (ex: STAT 100)*) may not take this course for further credit.

GRK210 and LANG210

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE - LEVEL EDUCATIONAL GOALS (OPTIONAL)

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

None.

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Dr. Eirini Kotsovili

COURSE SUBJECT

GRK

NUMBER

292

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation

Modern Greek Intermediate Level II

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation

Modern Greek Intermediate II

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus**COURSE DESCRIPTION** — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

This course will build on the Greek language skills acquired from GRK 291. Students will receive extensive training in speaking, reading and writing. There is no textbook. Other than this course introduction, all the materials students need for learning the basics of Greek are available through the online platform Odysseas.

REPEAT FOR CREDIT YES NO

Total completions allowed

Within a term?

 YES NO**LIBRARY RESOURCES**

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

The course will be replacing GRK 260. It includes redesigned assessment metrics for written assignments on randomly selected topics specifically prepared for each student and new in-class supervised final exam to further protect the academic integrity of the course which is to be delivered online.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **15****UNITS**Indicate number of units: **3**Indicate no. of contact hours: Lecture Seminar Tutorial Lab X Other; explain below**OTHER****Online course****FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

Dr. Eirini Kotsovili**WQB DESIGNATION**

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE**GRK 291 or equivalent**

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* **first** may not then take this course for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

GRK260 and LANG260

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE - LEVEL EDUCATIONAL GOALS (OPTIONAL)

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

None.

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Dr. Eirini Kotsovili



COURSE SUBJECT NUMBER

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus

COURSE DESCRIPTION — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

Explores social, economic, and political change around the globe, through documentaries and feature films. Examines pressing issues that shape and reflect people's lives in diverse countries and regions, from Asia and Latin America, to Africa, Europe, and the Middle East.

REPEAT FOR CREDIT YES NO Total completions allowed Within a term? YES NO

LIBRARY RESOURCES

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

This course contributes to the five year plans for the School, FASS, and the University to internationalize the curriculum. The course aims to awaken and inspire students' interest in countries and regions beyond North America and, in doing so, it serves the core mission of the School for International Studies. Finally, we are expanding our 100-level offerings, since we currently have only one 100-level course. This additional course will bring IS closer to the norm for first year offerings across units.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **FALL 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **75-100****UNITS**Indicate number of units: **3**Indicate no. of contact hours: **2** Lecture **1** Seminar **1** Tutorial **1** Lab **1** Other; explain below**OTHER****FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

Elizabeth Cooper, Brenda Lyshaug, Tamir Moustafa, Irene Pang

WQB DESIGNATION

(attach approval from Curriculum Office)

B-SOC, B-HUM

PREREQUISITE AND / OR COREQUISITE

N/A

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]**1. SEQUENTIAL COURSE** [is not hard coded in the student information management system (SIMS).]

Students who have taken (*place relevant course(s) in the blank below (ex: STAT 100)*) **first** may not then take this course for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(*Place relevant course(s) in the blank below (ex: STAT 100)*) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for (*place relevant course(s) in the blank below (ex: STAT 100)*) may not take this course for further credit.

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]**FEES**

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE – LEVEL EDUCATIONAL GOALS (OPTIONAL)

After completing this course, students will have developed:

- An ability to describe and analyze key aspects of the societies, histories, economies, and/or political systems of specific countries in regions outside North America
- An understanding of some of the key social, economic, and political issues that people living in these countries confront and address
- An ability to combine information and insights from various disciplines in order to gain a more comprehensive understanding of these issues
- Improved analytical and critical skills
- Improved communication skills that are needed to convey ideas clearly and persuasively

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Elizabeth Cooper

8888 University Drive, Burnaby, BC
Canada V5A 1S6TEL: 778.782.3312
FAX: 778.782.5876slrhodes@sfu.ca
www.sfu.ca/ugcr**MEMORANDUM****ATTENTION** Catherine Murray, Associate Dean, FASS**DATE** January 16, 2019**FROM** Susan Rhodes, Director
University Curriculum & Institutional Liaison**PAGES** 1**RE:** FASS IS Breadth designation approvals

The University Curriculum Office has approved **Breadth** designations for the following new International Studies course, effective Fall 2019 (1197):

IS 105 Around the World Through Film - **B-Hum/Soc**

Please forward this memo to your Faculty Curriculum Committee, SCUS and Senate for further approvals.

cc: Brenda Lyshaug, UGC Chair, School of International Studies

COURSE SUBJECT

IS

NUMBER

221

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation

Workers in the Global Economy: Globalization, Labour and Uneven Development

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation

Workers in the Global Economy

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus**COURSE DESCRIPTION** — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

Explores how people experience paid and unpaid work in the global economy. Focuses on processes such as migration and economic structuring, and applies critical development studies and critical geopolitics to study labour and employment. Explores links between capitalism, urbanization and labour struggles. Examines labour internationalism and global labour rights.

REPEAT FOR CREDIT YES NO

Total completions allowed

Within a term?

 YES NO**LIBRARY RESOURCES**

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

IS has a CFL with the expertise to teach this course and the LBST Director has agreed to crosslist the course with LBST 201 (see attached memo).

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **50****UNITS**Indicate number of units: **3**Indicate no. of contact hours: **2** Lecture **1** Seminar **1** Tutorial **1** Lab **1** Other; explain below**OTHER****FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

Irene Pang (IS). The following LBST CFLs can also teach this course: Kendra Strauss & John-Henry Harter.**WQB DESIGNATION**

(attach approval from Curriculum Office)

B-Soc**PREREQUISITE AND / OR COREQUISITE**

None

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken (*place relevant course(s) in the blank below (ex: STAT 100)*) **first** may not then take this course for further credit.

LBST 230: Workers and Global Capitalism

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(*Place relevant course(s) in the blank below (ex: STAT 100)*) will be accepted in lieu of this course.

LBST 230: Workers and Global Capitalism

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for (*place relevant course(s) in the blank below (ex: STAT 100)*) may not take this course for further credit.

LBST 201

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE - LEVEL EDUCATIONAL GOALS (OPTIONAL)

- To introduce students to the concept of global labour studies.
- To provide students with an understanding of theories and approaches for studying work in the global economy.
- To become competent in conducting research on regional, national or local case studies of labour issues outside North America.
- To be able to apply concepts from global labour studies to the analysis of globalization.
- To demonstrate competence in analysis through research and writing skills.

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

None

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Irene Pang (Course developer: Kendra Strauss, LBST)

8888 University Drive, Burnaby, BC
Canada V5A 1S6TEL: 778.782.3312
FAX: 778.782.5876slrhodes@sfu.ca
www.sfu.ca/ugcr**MEMORANDUM****ATTENTION** Catherine Murray, Associate Dean, FASS **DATE** January 17, 2019**FROM** Susan Rhodes, Director
University Curriculum & Institutional Liaison **PAGES** 1**RE:** FASS IS/LBST Breadth designation approval

The University Curriculum Office has approved **Breadth Social Science (B-Soc)** designations for the following proposed cross-listed International Studies/Labour Studies courses, effective Fall 2019 (1197):

IS 221/LBST 201 Workers in the Global Economy: Globalization, Labour and Uneven Development

Please forward this memo to your Faculty Curriculum Committee, SCUS and Senate for further approvals.

cc: Brenda Lyshaug, UGC Chair, School of International Studies
Kendra Strauss, Director, Labour Studies Program

COURSE SUBJECT

IS

NUMBER

306

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation

State Failure and Reconstruction

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation

State Failure & Reconstruction

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus**COURSE DESCRIPTION** — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

Examines the causes of state fragility and collapse, and assesses the challenges of reconstruction. Focusing on cases from different regions, we will explore the security dimensions of state fragility; the role of humanitarian intervention; the challenge of building democratic institutions in divided societies; and, the relationship between statebuilding and peacebuilding.

REPEAT FOR CREDIT YES NO

Total completions allowed

1

Within a term?

 YES NO**LIBRARY RESOURCES**

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

This course covers material that is central to our overall curriculum and it bridges two of our core streams (our conflict and security stream and our development stream). For this reason, we are regularizing the course. We have offered this class as a special topics seminar twice, at the 400 level. Both times it was combined with a graduate course and we limited access to undergraduates in order to ensure that the class would retain the quality of an advanced seminar for the graduate students. In the future, we would like to offer this with a higher cap at the 300 level as a stand alone course.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer FallOther (*describe*)Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **20****UNITS**Indicate number of units: **4**Indicate no. of contact hours: Lecture **4** Seminar Tutorial Lab Other; explain below**OTHER****FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

Brenda Lyshaug & Jeffrey T. Checkel**WQB DESIGNATION**

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE**45 units**

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]**1. SEQUENTIAL COURSE** [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* first may not then take this course for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

Students who have taken IS 409 with this topic may not take this course for further credit.

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE – LEVEL EDUCATIONAL GOALS (OPTIONAL)

At the end of this course, students will be able to:

- Describe the processes and conditions of state formation
- Analyze the causes of state break down and collapse
- Understand key security challenges associated with the breakdown of states and assess contending perspectives on how to address these challenges
- Analyze the role of international organizations in post-conflict reconstruction
- Understand and analyze the challenges of building democratic institutions in post conflict settings
- Evaluate contending perspectives on how to manage the challenges involved in building institutions in post-conflict settings
- Evaluate policies aimed at social reconciliation and reintegration
- Communicate ideas clearly and persuasively, orally and in writing

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

None.

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Brenda Lyshaug, Jeffrey T. Checkel

COURSE SUBJECT

IS

NUMBER

444

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation

Inside Diplomacy: A Practitioner's Perspective

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation

Inside Diplomacy

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus**COURSE DESCRIPTION** — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

Explores diplomacy in its bilateral and multilateral forms, from the perspective of practitioners. Examines how diplomatic principles and procedures have been applied in various areas of global policy (e.g. human rights, peacemaking, climate change, and disarmament). Focuses on the development of diplomatic skills, such as analysis, reporting, and negotiation.

REPEAT FOR CREDIT YES NO

Total completions allowed

1

Within a term?

 YES NO**LIBRARY RESOURCES**

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

This course covers material that is central to our overall curriculum and it bridges two of our core streams - our conflict and security stream and our development stream. With its focus on the development of practical skills, it provides our students with important training for careers in international affairs and fills an important curricular need in our program.

In the past, we have offered this course under a special topics rubric as a combined graduate/undergraduate course. Excluding graduate students, the course enrolled: 17 students in spring 2017; and 15 students in spring 2018.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **20****UNITS**Indicate number of units: **4**Indicate no. of contact hours: Lecture **4** Seminar Tutorial Lab Other; explain below**OTHER****FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

Jeffrey T. Checkel, Nicole J. Jackson**WQB DESIGNATION**

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE**45 units**

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken (*place relevant course(s) in the blank below (ex: STAT 100)*) **first** may not then take this course for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(*Place relevant course(s) in the blank below (ex: STAT 100)*) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for (*place relevant course(s) in the blank below (ex: STAT 100)*) may not take this course for further credit.

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

Students who have taken IS 409 with this topic may not take this course for further credit.

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE – LEVEL EDUCATIONAL GOALS (OPTIONAL)

Understand the key structures and practices of bilateral and multilateral diplomacy

Critically evaluate the international institutions and diplomacy relevant to key areas of global public policy (e.g. human rights, peacemaking, climate change, disarmament)

Develop and demonstrate the diplomatic skills of analysis, interviewing, reporting, and negotiation

Communicate information clearly and persuasively, both orally and in writing

Demonstrate the ability to work collaboratively (as part of a team)

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

None.

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Brenda Lyshaug

COURSE SUBJECT ARAB

NUMBER 101

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation

Introduction to Arabic II

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation

Introduction to Arabic II

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus**COURSE DESCRIPTION** — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

ARAB 101 is the continuation of ARAB 100. Continues to develop basic oral and written skills. Includes the study of Modern Standard Arabic language, including grammar, syntax and vocabulary. Also exposes students to the modern Arabic language and some major aspects of Middle Eastern/Arab culture.

REPEAT FOR CREDIT YES NO Total completions allowed Within a term? YES NO**LIBRARY RESOURCES**

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

Arabic is the largest member of the Semitic branch of the language family—itself a member of a larger Afro-Asiatic languages—and is closely related to ancient Akkadian, Hebrew, Aramaic (the language of Jesus) and Ethiopic. It is spoken throughout the Arab world and is widely studied and known throughout the greater Islamic world. Arabic has been the literary language of the Middle East and North Africa since the seventh century and is the liturgical language of Islam. The spread of the Arabic language is closely linked to the rise and spread of Islam as a world's major religion.

There are two forms of Arabic used daily: spoken and literary or written Arabic (also known as Modern Standard Arabic). Unlike literary Arabic, spoken Arabic varies greatly from one country or region to another. An Arabic-speaker in Beirut may find it difficult—if not impossible—to comprehend a fellow Arab from Morocco as their dialect are radically different. It is through literary or written Arabic, however, that all individuals are enabled to communicate with one another through the written form, provided that they are able to read and write.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **25****UNITS**Indicate number of units: **3**Indicate no. of contact hours: Lecture Seminar **4** Tutorial Lab Other; explain below**OTHER**

FACULTY

Which of your present CFL faculty have the expertise to offer this course?

Dr. Rastin Mehri**WQB DESIGNATION**

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE**ARAB 100 (or ARAB 134) or equivalent**

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* first may not then take this course for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

Students with credit for ARAB 148 or LANG 148 under the title "Introductory Arabic II" may not take this course for further credit.

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE - LEVEL EDUCATIONAL GOALS (OPTIONAL)

ARAB 101 will include the study of Arabic language, its grammar, syntax and vocabulary, and it will provide students with basic written and oral skills in Standard Arabic. This course will also provide students with a history of Arabic texts, Islamic history and expose them to the (modern) Arabic language and some major aspects of Middle Eastern/Arab culture.

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

None

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Dr. Rastin Mehri

COURSE SUBJECT **PHIL**NUMBER **326**

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation
Topics in Law and Philosophy

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation
Topics in Law and Philosophy

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus

COURSE DESCRIPTION — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

Explores in detail classic problems in the law using the methods and resources of philosophy. Topics may include: problems in professional ethics facing lawyers; philosophical issues in international law and human rights; constitutional interpretation and the philosophy of language; the assessment of evidence and formal epistemology; the intellectual origins of the theory of natural law and natural rights; or others.

REPEAT FOR CREDIT YES NO Total completions allowed **4** Within a term? YES NO

LIBRARY RESOURCES

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

The Philosophy Dept. has major and minor degree concentrations in Law and Philosophy. But it currently offers only one course dedicated to the philosophy of law (PHIL 329). The department's most recent faculty hire (Chelsea Rosenthal) is a JD/PhD with expertise in the philosophy of law. As such, the department is now able to offer a badly needed second course for students interested in pursuing these credential streams.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer FallOther (*describe*) **1-2 offerings/year; term will depend on faculty availability**Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **35****UNITS**Indicate number of units: **3**Indicate no. of contact hours: **3** Lecture Seminar Tutorial Lab Other; explain below**OTHER**

FACULTY

Which of your present CFL faculty have the expertise to offer this course?

Sam Black, Chelsea Rosenthal, Evan Tiffany, Endre Begby**WQB DESIGNATION**

(attach approval from Curriculum Office)

N/A**PREREQUISITE AND / OR COREQUISITE****One of PHIL 120W (or equivalent), 121, 220, 221, ENV 320W, or with permission of instructor.**

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* first may not then take this course for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE - LEVEL EDUCATIONAL GOALS (OPTIONAL)

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

N/A

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Dai Heide

COURSE SUBJECT CMNS NUMBER CMNS 355

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation
Technologies of Gender and Sexuality

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation
Technologies of Gender and Sexuality

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus

COURSE DESCRIPTION — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

The course takes an intersectional feminist perspective on exploring, critiquing and developing alternatives to dominant technologies of sexuality and gender. Topics may include: shifting notions of femininities and masculinities; (cyber)feminist methodologies in cultural studies; the body and subjectivity; gender and surveillance; post-feminism; work in the media and tech industries; gender and gaming.

REPEAT FOR CREDIT YES NO Total completions allowed 1 Within a term? YES NO

LIBRARY RESOURCES

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

The end of 'normal' gender and sexualities has been upon us for some time, with identity politics and intersectional analyses at the forefront of public conversations about gender. But, still, gender inequalities persist. What role do media play in constructing our shifting notions of gender and sexuality, of femininities and masculinities? How do technologies enable us to embody, police and even hack genders and sexualities? How can we think of gender itself as a technology that we operate and perform in everyday life? This course provides a foundation, in the context of critical communication studies, for an analysis of the different ways that "gender" and "technology" are understood and applied within the study of media and technology.

The course has been offered 3 times, and is scheduled for a fourth offering in Spring 2019. It has always been fully subscribed and the co-creators have received consistently positive feedback about the course's utility and appropriateness in the curriculum. Its format as a 300-level lecture class (approximately 50 students per offering) fills a gap in our curriculum to introduce large classes of students to gender theory in media and communication studies and prepare them for more advanced, upper level work. In lieu of exams, the course has extensively used smaller written assignments on current topics; it could potentially be designed to qualify for a W designation.

SCHEDULING AND ENROLLMENT INFORMATION

Effective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **60**

UNITS

Indicate number of units: **4**Indicate no. of contact hours: **3** Lecture **1** Seminar **1** Tutorial **1** Lab **1** Other; explain below

OTHER

The course has quite a bit of writing and could potentially be a W-course

FACULTY

Which of your present CFL faculty have the expertise to offer this course?

Zoë Druick, Milena Droumeva, Svitlana Matviyenko, Ellen Balka

WQB DESIGNATION

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE

60 credits.

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* **first** may not then take this course for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE - LEVEL EDUCATIONAL GOALS (OPTIONAL)

Learning goals

- To investigate an intersectional framework for considering gender (masculinity, femininity) in relation to sexuality, dis/ability, ethnicity/racialization, and socio-economic class.
- To develop a theoretical foundation for understanding gender and sexuality as intrinsic to the introduction and social operation of media and technologies.
- To consider feminism as a radical epistemology for understanding social constructions, including political and economic structures, media and technology.
- To apply conceptual knowledge to a topic of personal interest that either critiques or proposes ways of designing technology with an equitable, anti-patriarchial, liberatory framework in mind

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Milena Droumova, Zoë Druick

COURSE SUBJECT **GEOG** NUMBER **492****COURSE TITLE LONG** — for Calendar/schedule, no more than 100 characters including spaces and punctuation
Advanced Theory and Methods for Human Geographers**COURSE TITLE SHORT** — for enrollment/transcript, no more than 30 characters including spaces and punctuation
Theory and Methods**CAMPUS** where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus**COURSE DESCRIPTION** — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

Exploring the theoretical frameworks and methods for advanced human geography research.

REPEAT FOR CREDIT YES NO Total completions allowed Within a term? YES NO**LIBRARY RESOURCES**NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.**RATIONALE FOR INTRODUCTION OF THIS COURSE**

This course will create an avenue for particularly able senior undergraduate students to participate in the Department's seminar for M.A. students, GEOG 603 - Theory and Methods for Human Geographers. We anticipate this might be one or two students per year, and an undergraduate course number will allow those students to obtain upper division undergraduate credit for their participation. Since GEOG 603 runs every Fall, this new course requires no additional resources, as those undergraduates enrolled in GEOG 492 will simply join the existing graduate class.

We have added "Advanced" to the course title to signal that the course is very advanced relative to other undergraduate offerings.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **_____****UNITS**Indicate number of units: **4**Indicate no. of contact hours: **4** Lecture **4** Seminar **_____** Tutorial **_____** Lab **_____** Other; explain below**OTHER****_____****FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

Rosemary Collard; Eugene McCann; Nick Blomley; Paul Kingsbury; Geoff Mann**WQB DESIGNATION**

(attach approval from Curriculum Office)

_____**PREREQUISITE AND / OR COREQUISITE**

Students must have completed a minimum 45 upper division units and require permission of the Department's Undergraduate Studies Committee

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* **first** may not then take this course for further credit.

GEOG 603

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE - LEVEL EDUCATIONAL GOALS (OPTIONAL)

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

N/A

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Geoff Mann

COURSE SUBJECT MBB

NUMBER 343

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation
Data Science Laboratory for Molecular Biology and Biochemistry

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation
Data Science Lab for MBB

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus

COURSE DESCRIPTION — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

Hands-on application of modern tools and methods for data acquisition, management, visualization, and machine learning, capable of scaling to Big Data. No prior computer programming experience required. Examples will draw from the life sciences.

REPEAT FOR CREDIT YES NO Total completions allowed

Within a term? YES NO

LIBRARY RESOURCES

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

Data science methods for collecting, formatting, and analyzing (potentially big) data sets are used increasingly in the life sciences.

The proposed laboratory course is intended to accompany STAT 320: Introduction to Data Science for the Life Sciences, a proposed 2-unit course that will introduce life sciences students to data science with an emphasis on molecular biology and genomic data. Together, STAT 320 and MBB 343 will provide a gentle introduction to important tools in data science and will be tailored to students with no prior programming experience. The curriculum in this laboratory course will provide life sciences students with an opportunity to learn R, the most popular statistical programming language that is commonly used for data science. Each 3-hr lab will begin with a 1-hr lecture to explain the various types of genomic and genetic data and their biological contexts, followed immediately by a 2-hr practical session where students will apply the statistical analysis and visualization methods covered in theory in STAT 320 lectures to these data. The lecture component is important as students only have the introductory MBB course as a prerequisite. Most weeks, students will take a quiz at the beginning of the lab to reinforce their understanding of the preparatory material.

Initially, we will require that MBB 343 and STAT 320 be taken concurrently. However, other life sciences departments are being encouraged to develop their own discipline-specific laboratory courses that could substitute for MBB 343. This approach is consistent with the model created by Statistics and Actuarial Science for the first introductory data science courses for non-Statistics majors (STAT 310 and STAT 311).

SCHEDULING AND ENROLLMENT INFORMATION

Effective term and year (e.g. FALL 2016) Fall 2019

Term in which course will typically be offered Spring Summer FallOther (*describe*)Will this be a required or elective course in the curriculum? Required Elective

What is the probable enrollment when offered? Estimate: 30

UNITS

Indicate number of units: 2

Indicate no. of contact hours: Lecture Seminar Tutorial 3 Lab Other; explain below

OTHER**FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

Ryan Morin, Fiona Brinkman, Frederic Pio, Jack Chen

WQB DESIGNATION

(attach approval from Curriculum Office)

Q Designation

PREREQUISITE AND / OR COREQUISITE

Prerequisite: MBB 222 and one of STAT 201, STAT 203, STAT 205, or STAT 270 with a minimum grade of C- or permission of the instructor.

Corequisite: STAT 320



EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]**1. SEQUENTIAL COURSE** [is not hard coded in the student information management system (SIMS).]

Students who have taken (*place relevant course(s) in the blank below (ex: STAT 100)*) **first** may not then take this course for further credit.

STAT 240, STAT 310, STAT 440

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(*Place relevant course(s) in the blank below (ex: STAT 100)*) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for (*place relevant course(s) in the blank below (ex: STAT 100)*) may not take this course for further credit.

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]**FEES**

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE - LEVEL EDUCATIONAL GOALS (OPTIONAL)

With an emphasis on modern methods, this course will introduce students to tools for reproducible research (RStudio), data visualization (ggplot2), data acquisition through APIs, data cleaning, and exploratory analysis for gene expression and other genomic data types (e.g. genomic coordinates, annotations, genotype data).

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Ryan Morin/Lisa Craig

8888 University Drive, Burnaby, BC
Canada V5A 1S6TEL: 778.782.3312
FAX: 778.782.5876slrhodes@sfu.ca
www.sfu.ca/ugcr**MEMORANDUM****ATTENTION** David Hik, Associate Dean,
Faculty of Science**DATE** February 11, 2019**FROM** Susan Rhodes, Director
University Curriculum & Institutional Liaison**PAGES** 1**RE:** STAT/MBB Q designation approvals

The University Curriculum Office has approved **Q** designation for the following new STAT and MBB corequisite courses, effective Fall 2019 (1197):

STAT 320-2 Introduction to Data Science for the Life Sciences
MBB 343-2 Data Science Laboratory for Molecular Biology & Biochemistry

Please forward this memo to SCUS and Senate for further approval.

cc: Rachel Altman, UGC Chair, Department of Statistics
Lisa Craig, UGC Chair, Department of Molecular Biology & Biochemistry

COURSE SUBJECT STAT

NUMBER 260

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation

Introductory R for Data Science

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation

Intro R for Data Science

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus**COURSE DESCRIPTION** — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

An introduction to the R programming language for data science. Exploring data: visualization, transformation and summaries. Data wrangling: reading, tidying, and data types. No prior computer programming experience required.

REPEAT FOR CREDIT YES NO Total completions allowed Within a term? YES NO**LIBRARY RESOURCES**

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

The R programming language, a free, open-source platform for statistical computing, is being used ever more widely for managing, visualizing, and analyzing data. Use of R has spread outside of statistics to many other fields, including health sciences, molecular biology, economics, criminology, sociology, political science, and computer science.

We are proposing this 2-unit introduction to the R language. The course will be required for Statistics honours, major, and minor students but will be open to all. We have decided on minimal prerequisites, including no prior experience with computer programming, to make the course as accessible as possible.

We are simultaneously proposing a 1-unit laboratory course, STAT 261, that will be a corequisite to STAT 260 and will provide students with hands-on experience in applying their knowledge of R. However, following the "2+2 model" we created for the data science courses STAT 310/311, we will encourage other departments to create their own, discipline-specific versions of the laboratory course that could act as alternative corequisites to STAT 261. In this way, students will learn the utility of R in their subject of interest.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **150****UNITS**Indicate number of units: **2**Indicate no. of contact hours: **2** Lecture **0** Seminar **0** Tutorial **0** Lab **0** Other; explain below**OTHER****FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

David Campbell, Luke Bornn, Lloyd Elliott, Brad McNeney, Jinko Graham**WQB DESIGNATION**

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE

Prerequisite: One of STAT 201, STAT 203, STAT 205, STAT 270, BUS 232, or POL 201 with a grade of at least C- or permission of the instructor.

Corequisite: STAT 261

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* **first** may not then take this course for further credit.

STAT 341, STAT 360

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

STAT 341, STAT 360

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE - LEVEL EDUCATIONAL GOALS (OPTIONAL)

With an emphasis on modern methods, this course will introduce students to tools for reproducible research (RStudio and Markdown), data handling, data cleaning, visualization, and exploratory analysis.

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Rachel Altman

COURSE SUBJECT STAT

NUMBER 261

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation

Laboratory for Introductory R for Data Science

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation

Intro R Lab for Data Science

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus

COURSE DESCRIPTION — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

A hands-on application of the R programming language for data science. Using the R concepts covered in STAT 260, students will explore (visualize, transform, and summarize) and wrangle (read and tidy) data. No prior computer programming experience required.

REPEAT FOR CREDIT

 YES NO

Total completions allowed

Within a term?

 YES NO**LIBRARY RESOURCES**

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

The R programming language, a free, open-source platform for statistical computing, is being used ever more widely for managing, visualizing, and analyzing data. Use of R has spread outside of statistics to many other fields, including health sciences, molecular biology, economics, criminology, sociology, political science, and computer science.

STAT 261 is a 1-unit laboratory course that will provide students with hands-on experience in applying their knowledge of R from STAT 260 (a 2-unit introduction to the R language that we are simultaneously proposing). These courses are designed to reduce redundancy in R-based courses across campus. The courses will be required for Statistics honours, major, and minor students but will be open to all. We have decided on minimal prerequisites, including no prior experience with computer programming, to make the courses as accessible as possible.

STAT 261 is currently listed as a corequisite to STAT 260. However, following the "2+2 model" we created for the data science courses STAT 310/311, we will encourage other departments to create their own, discipline-specific versions of the laboratory course that could act as alternative corequisites to STAT 261. In this way, students will learn the utility of R in their subject of interest.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **150****UNITS**Indicate number of units: **1**Indicate no. of contact hours: Lecture Seminar Tutorial 1 Lab Other; explain below**OTHER****FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

David Campbell, Luke Bornn, Lloyd Elliott, Brad McNeney, Jinko Graham**WQB DESIGNATION**

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE

Prerequisite: One of STAT 201, STAT 203, STAT 205, STAT 270, BUS 232, or POL 201 with a grade of at least C- or permission of the instructor.

Corequisite: STAT 260

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course Components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* **first** may not then take this course for further credit.

STAT 341, STAT 360

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

STAT 341, STAT 360

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE - LEVEL EDUCATIONAL GOALS (OPTIONAL)

With an emphasis on modern methods, this laboratory will provide students with hands-on experience with tools for reproducible research (RStudio and Markdown), data handling, data cleaning, visualization, and exploratory analysis.

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

Statistics & Actuarial Science now offers 6 courses (including the newly proposed courses, STAT 261 and 361) with significant computing components. Given this demand, we require a dedicated room equipped with computers for our department.

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Rachel Altman

COURSE SUBJECT STAT

NUMBER 320

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation
Introduction to Data Science for the Life Sciences

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation
Data Science for Life Sciences

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus

COURSE DESCRIPTION — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

An introduction to modern tools and methods for data acquisition, management, visualization, and machine learning, capable of scaling to Big Data. No prior computer programming experience required. Examples will draw from the life sciences. This course may not be used to satisfy the upper division requirements of the Statistics honours, major, or minor programs.

REPEAT FOR CREDIT YES NO Total completions allowed Within a term? YES NO

LIBRARY RESOURCES

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

Data science methods for collecting, formatting, and analyzing (potentially big) data sets are used increasingly in the life sciences. Data Science is an interdisciplinary field focused on obtaining and extracting value from data. The proposed course is a gentle introduction to this field specially designed for students in the life sciences (MBB, BISC, FHS, BPK) who have a working understanding of molecular biology and genetics but do not necessarily have prior programming experience.

The proposed course is intended to accompany MBB 343: Data Science Laboratory for the Life Sciences (a proposed 2 unit laboratory course where students will apply data science methods to problems from the life sciences). Together, STAT 320 and MBB 343 will provide an introduction to data science tools and the topical insights that come from combining analytic skills and subject matter expertise, while tailoring content to students who have no programming experience.

Initially, we will require that STAT 320 and MBB 343 be taken concurrently. However, we will encourage other life sciences groups to develop their own, discipline-specific laboratory courses that could substitute for MBB 343. STAT 320 will cover the required statistical methods, while the complementary courses in life sciences would cover applications and context for these methods. In this way, we can facilitate life sciences students' exposure to the applications in their particular fields of interest, while preventing redundancy by teaching the statistical methods in a single course (STAT 320).

SCHEDULING AND ENROLLMENT INFORMATION

Effective term and year (e.g. FALL 2016) Fall 2019

Term in which course will typically be offered Spring Summer FallOther (*describe*)Will this be a required or elective course in the curriculum? Required Elective

What is the probable enrollment when offered? Estimate: 30

UNITS

Indicate number of units: 2

Indicate no. of contact hours: 2 Lecture Seminar Tutorial Lab Other; explain below

OTHER**FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

David Campbell, Luke Bornn, Lloyd Elliott, Brad McNeney

WQB DESIGNATION

(attach approval from Curriculum Office)

Q Designation

PREREQUISITE AND / OR COREQUISITE

Prerequisite: One of STAT 201, STAT 203, STAT 205, or STAT 270 with a grade of at least C- .

Corequisite: MBB 343

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* **first** may not then take this course for further credit.

STAT 240, STAT 310, STAT 440

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE - LEVEL EDUCATIONAL GOALS (OPTIONAL)

With an emphasis on modern methods, this course will introduce students to tools for reproducible research (RStudio), data visualization (ggplot2), data acquisition through APIs, common hypothesis tests, and supervised and unsupervised learning methods for gene expression and other genomic data types (e.g. genomic coordinates, annotations, genotype data).

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Rachel Altman

8888 University Drive, Burnaby, BC
Canada V5A 1S6TEL: 778.782.3312
FAX: 778.782.5876slrhodes@sfu.ca
www.sfu.ca/ugcr**MEMORANDUM****ATTENTION** David Hik, Associate Dean,
Faculty of Science**DATE** February 11, 2019**FROM** Susan Rhodes, Director
University Curriculum & Institutional Liaison**PAGES** 1**RE:** STAT/MBB Q designation approvals

The University Curriculum Office has approved **Q** designation for the following new STAT and MBB corequisite courses, effective Fall 2019 (1197):

STAT 320-2 Introduction to Data Science for the Life Sciences
MBB 343-2 Data Science Laboratory for Molecular Biology & Biochemistry

Please forward this memo to SCUS and Senate for further approval.

cc: Rachel Altman, UGC Chair, Department of Statistics
Lisa Craig, UGC Chair, Department of Molecular Biology & Biochemistry

COURSE SUBJECT STAT

NUMBER 360

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation

Advanced R for Data Science

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation

Advanced R for Data Science

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus

COURSE DESCRIPTION — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

Advanced R programming methods for data science. Tools for reproducible research. Version control. Data structures, subsetting, functions, environments, and debugging. Functional programming. Code performance: profiling, memory, integrating R and C++.

REPEAT FOR CREDIT YES NO Total completions allowed Within a term? YES NO**LIBRARY RESOURCES**

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

The R programming language, a free, open-source platform for statistical computing, is being used ever more widely for managing, visualizing, and analyzing data. Use of R has spread outside of statistics to many other fields, including health sciences, molecular biology, economics, criminology, sociology, political science, and computer science.

We are proposing a 2-unit, advanced course in the R language as a follow-up to the introductory R courses, STAT 260/261, that we are simultaneously proposing. The course will be recommended for Statistics honours and major students (who have need for more advanced training than is provided in our current R course, STAT 341*) but will be open to all.

We are also proposing a 1-unit laboratory course, STAT 361, that will be a corequisite to STAT 360 and will provide students with hands-on experience in applying their knowledge of R. However, following the "2+2 model" we created for the data science courses STAT 310/311, we will encourage other departments to create their own, discipline-specific versions of the laboratory course that could act as alternative corequisites to STAT 361. In this way, students will learn the utility of R in their subject of interest.

*STAT 341 will be deleted after 1-2 years.

SCHEDULING AND ENROLLMENT INFORMATIONEffective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **100****UNITS**Indicate number of units: **2**Indicate no. of contact hours: **2** Lecture **1** Seminar **1** Tutorial **1** Lab **1** Other; explain below**OTHER****FACULTY**

Which of your present CFL faculty have the expertise to offer this course?

David Campbell, Luke Bornn, Lloyd Elliott, Brad McNeney, Jinko Graham**WQB DESIGNATION**

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE

Prerequisite: One of STAT 260 or STAT 341 and one of STAT 302, STAT 305, STAT 350, or ECON 333. CMPT 125 or CMPT 129 is also recommended.

Corequisite: STAT 361

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* **first** may not then take this course for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE – LEVEL EDUCATIONAL GOALS (OPTIONAL)

With an emphasis on modern methods, this course will build on the basics of R covered in STAT 260. Students will learn tools for reproducible research (RMarkdown, Git); the foundations of R (including data structures, subsetting, functions, environments, exceptions, and debugging); functional programming; and code performance (including profiling, memory, and the integration of R and C++).

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Rachel Altman

COURSE SUBJECT STAT

NUMBER 361

COURSE TITLE LONG — for Calendar/schedule, no more than 100 characters including spaces and punctuation
Laboratory for Advanced R for Data Science

COURSE TITLE SHORT — for enrollment/transcript, no more than 30 characters including spaces and punctuation
Advanced R Lab for Data Sci

CAMPUS where course will be normally taught: Burnaby Surrey Vancouver Great Northern Way Off campus

COURSE DESCRIPTION — 50 words max. Attach a course outline. Don't include WQB or prerequisites info in this description box.

A hands-on application of advanced R programming methods for data science. Using the R concepts covered in STAT 360 and tools for reproducible research, students will work with different data structures, write functions, and debug and optimize the performance of their code.

REPEAT FOR CREDIT YES NO Total completions allowed Within a term? YES NO

LIBRARY RESOURCES

NOTE: Senate has approved (S.93-11) that no new course should be approved by Senate until funding has been committed for necessary library materials. Each new course proposal must be accompanied by the email that serves as proof of assessment. For more information, please visit www.lib.sfu.ca/about/overview/collections/course-assessments.

RATIONALE FOR INTRODUCTION OF THIS COURSE

The R programming language, a free, open-source platform for statistical computing, is being used ever more widely for managing, visualizing, and analyzing data. Use of R has spread outside of statistics to many other fields, including health sciences, molecular biology, economics, criminology, sociology, political science, and computer science.

STAT 361 is a 1-unit laboratory course that will provide students with hands-on experience in applying their knowledge of R from STAT 360 (a 2-unit, advanced course on the R language that we are simultaneously proposing). These courses are designed to reduce redundancy in R-based courses across campus. The courses will be recommended for Statistics honours and major students (who have need for more advanced training than is provided in our current R course, STAT 341*) but will be open to all.

STAT 361 is currently listed as a corequisite to STAT 360. However, following the "2+2 model" we created for the data science courses STAT 310/311, we will encourage other departments to create their own, discipline-specific versions of the laboratory course that could act as alternative corequisites to STAT 361. In this way, students will learn the utility of R in their subject of interest.

*STAT 341 will be deleted after 1-2 years.

SCHEDULING AND ENROLLMENT INFORMATION

Effective term and year (e.g. FALL 2016) **Fall 2019**Term in which course will typically be offered Spring Summer Fall

Other (describe)

Will this be a required or elective course in the curriculum? Required ElectiveWhat is the probable enrollment when offered? Estimate: **100**

UNITS

Indicate number of units: **1**Indicate no. of contact hours: Lecture Seminar Tutorial **1** Lab Other; explain below

OTHER

FACULTY

Which of your present CFL faculty have the expertise to offer this course?

David Campbell, Luke Bornn, Lloyd Elliott, Brad McNeney, Jinko Graham

WQB DESIGNATION

(attach approval from Curriculum Office)

PREREQUISITE AND / OR COREQUISITE

Prerequisite: One of STAT 260 or STAT 341 and one of STAT 302, STAT 305, STAT 350, or ECON 333. CMPT 125 or CMPT 129 is also recommended.

Corequisite: STAT 360

EQUIVALENT COURSES [For more information on equivalency, see Equivalency Statements under [Information about Specific Course components](#).]

1. SEQUENTIAL COURSE [is not hard coded in the student information management system (SIMS).]

Students who have taken *(place relevant course(s) in the blank below (ex: STAT 100))* **first** may not then take this course for further credit.

2. ONE-WAY EQUIVALENCY [is not hard coded in SIMS.]

(Place relevant course(s) in the blank below (ex: STAT 100)) will be accepted in lieu of this course.

3. TWO-WAY EQUIVALENCY [is hard coded and enforced by SIMS.]

Students with credit for *(place relevant course(s) in the blank below (ex: STAT 100))* may not take this course for further credit.

Does the partner academic unit agree that this is a two-way equivalency? YES NO

Please also have the partner academic unit submit a course change form to update the course equivalency for their course(s).

4. SPECIAL TOPICS PRECLUSION STATEMENT [is not hard coded in SIMS.]

FEES

Are there any proposed student fees associated with this course other than tuition fees? YES NO

COURSE - LEVEL EDUCATIONAL GOALS (OPTIONAL)

With an emphasis on modern methods, this laboratory will provide students with hands-on experience with tools for reproducible research (RStudio and Markdown); the foundations of R (including data structures, subsetting, functions, environments, exceptions, and debugging); functional programming; and code performance (including profiling, memory, and the integration of R and C++).

RESOURCES

List any outstanding resource issues to be addressed prior to implementation: space, laboratory equipment, etc:

Statistics & Actuarial Science now offers 6 courses (including the newly proposed courses, STAT 261 and 361) with significant computing components. Given this demand, we require a dedicated room equipped with computers for our department.

OTHER IMPLICATIONS

Final exam required YES NO

Criminal Record Check required YES NO

OVERLAP CHECK

Checking for overlap is the responsibility of the Associate Dean.

Each new course proposal must have confirmation of an overlap check completed prior to submission to the Faculty Curriculum Committee.

Name of Originator

Rachel Altman