SENATE OF SIMON FRASER UNIVERSITY
AGENDA – OPEN SESSION

Monday, October 2, 2017 – 5:30 pm
Room 3210 West Mall Complex

1. Approval of the Agenda

2. Minutes of the Open Session of September 11, 2017 will be considered for approval at the Senate meeting on November 6, 2017

3. Business Arising from the Minutes

4. Report of the Chair

5. Question Period *

6. Invited Presenter: Ali Dastmalchian, Dean – Beedie School of Business

7. Reports of Committees

   A) Senate Committee on University Priorities (SCUP)
      i) Suspension of Admission and Dissolution of the Biomedical Physiology and Kinesiology MSc (Course Option) S.17-92

   B) Senate Graduate Studies Committee (SGSC)
      i) Course Changes (For Information) S.17-93
      ii) New Course Proposals (For Information) S.17-94
      iii) Program Changes (For Information) S.17-95

   C) Senate Nominating Committee (SNC)
      i) Senate Committee Elections (For Information) S.17-96

8. Other Business

9. Information
   i) Date of the next regular meeting – Monday, November 6, 2017.
Agenda items and papers for the November meeting will be required by the Secretary at noon on Thursday, October 19, 2017. Submissions may be emailed to senate@sfu.ca, but must be followed up by a signed paper submission. These items will be considered by the Senate Committee on Agenda and Rules on Tuesday, October 24, 2017 with Senate distribution on Friday, October 27, 2017.

The Senate agenda and papers for this meeting are available on the Senate website at http://www.sfu.ca/senate/agenda.html.

Detailed curriculum papers can be found on Docushare at https://docushare.sfu.ca/dsweb/View/Collection-12682

Rummana Khan Hemani
Registrar

*Questions should be submitted in writing to Rummana Khan Hemani (email khan@sfu.ca) with “Senate Question” in the subject line by Wednesday, September 27th at 9:00 am.
MEMORANDUM

ATTENTION: Senate

FROM: Peter Keller, Vice-President, Academic and Provost, and Chair, SCUP

RE: Suspension of Admission and Dissolution of the Biomedical Physiology and Kinesiology MSc (Course Option) (SCUP 17-31)

DATE: September 8, 2017

At its September 6, 2017 meeting, SCUP reviewed and approved the proposal to suspend admission and to dissolve the Biomedical Physiology and Kinesiology Master of Science (Course Option) in the Department of Biomedical Physiology and Kinesiology within the Faculty of Science, effective Summer 2018.

Motion 1:
That Senate approve the suspension of admission to the Biomedical Physiology and Kinesiology Master of Science (Course Option) in the Department of Biomedical Physiology and Kinesiology within the Faculty of Science, effective Summer 2018.

Motion 2:
That Senate approve and recommend to the Board of Governors the dissolution of the Biomedical Physiology and Kinesiology Master of Science (Course Option) in the Department of Biomedical Physiology and Kinesiology within the Faculty of Science, effective Summer 2018.

c: T. Claydon
MEMORANDUM

ATTENTION Senate Committee on University Priorities (SCUP) DATE June 22, 2017
FROM Jeff Derksen, Acting Chair of Senate Graduate Studies Committee (SGSC)
RE: Suspension of Admission and Termination of Biomedical Physiology and Kinesiology MSc (Course Option)

For approval:
At its meeting of June 5, 2017, SGSC approved the suspension of admission and termination of Biomedical Physiology and Kinesiology MSc (Course Option) within the Faculty of Science, which gives rise to the following recommendations:

Motion 1:
That SCUP approve and recommend to Senate the suspension of admission to the Biomedical Physiology and Kinesiology MSc (Course Option) within the Faculty of Science.

Motion 2:
That SCUP approve and recommend to Senate the termination of the Biomedical Physiology and Kinesiology MSc (Course Option) within the Faculty of Science.
MEMO
Faculty of Science

ATTENTION Wade Parkhouse, Dean, Graduate Studies

FROM Peter Ruben, Associate Dean, Faculty of Science

RE Biomedical Physiology and Kinesiology MSc Course Option Termination

DATE May 15, 2017

TIME 11:38 AM

The graduate program in the Department of Biomedical Physiology and Kinesiology seeks approval to suspend admission and terminate the Master of Science (course option).

The Faculty Graduate Program Committee reviewed and approved the proposed changes. The proposed changes have my approval.

P. Ruben
Proposal to Terminate a Program

1. All impacted credentials, levels and categories of the degree, and specific discipline or field of study
   - Biomedical Physiology and Kinesiology (course option) Master of Science.

2. Location of the program
   - Burnaby.

3. Faculty(ies), Department(s), or School(s) offering the program
   - Biomedical Physiology and Kinesiology.

4. Anticipated final dissolution date
   - Immediate.

5. Reasons for termination of the program, such as:
   - Insufficient financial resources
   - Lack of enrollment demand
   - Curricular issues

   - Admission to the course option MSc in BPK was put on hold in 2010. The last student enrolled completed in 2013. The program did not succeed for a number of reasons. Limited resources, curricular issues and an inability to provide an appropriate educational environment or support were the main factors. Students found course availability a continual challenge, admitted students often found it difficult getting mentorship from Faculty members due to lack of engagement, and because the students in the program were perceived to be weaker than those in the thesis option MSc program.

6. Plan for phasing-out of program, including
   a) Steps taken to consult with students
   b) Steps taken to consult with impacted instructors and staff
   c) Steps taken to ensure students in the program have the opportunity to
   d) complete the program
e) Description of the reallocation of any remaining program and
f) associated resources when program is terminated

g) Confirmation of consultation with other impacted departments and
h) Faculties

i) Impacts on and/or reorganization of curriculum in cognate disciplines

j) Timeline of activities

- admissions to the program were put on hold in 2010. The last student in the program completed in 2013. No SFU students will be affected by the termination of this program.

7. Name, title, phone number and email address of the institutional contact person in case more information is required (normally, the Dean of the Faculty in which the program is housed)

- Thomas Claydon, Associate Professor, Graduate Program Chair, Biomedical Physiology and Kinesiology (thomas_claydon@sfu.ca).
MEMORANDUM

ATTENTION: Senate

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

RE: Course Changes

DATE: September 12, 2017

For information:
Acting under delegated authority and at its meeting of September 11, 2017 SGSC approved the following course changes effective summer 2018:

Faculty of Health Sciences
1) Description and prerequisites change HSCI 821
2) Course temporary withdrawal HSCI 858
The Faculty of Health Sciences would like to request that attached calendar changes to HSCI 821(3) to become effective Summer 2018. The changes are proposed to avoid confusion with HSCI 822 (change already approved) and HSCI 870. Confusion about these courses has historically impacted enrollment.

Sincerely,

Timothy Beischlag
Director, Graduate Programs
Graduate Course Change

Attach a separate document if more space is required.

<table>
<thead>
<tr>
<th>Course Subject/Number</th>
<th>Units</th>
<th>Effective Term and Year</th>
</tr>
</thead>
<tbody>
<tr>
<td>HSCI 821</td>
<td>3</td>
<td>Summer 2018</td>
</tr>
</tbody>
</table>

Course Title: Introduction to Global Health

Rationale for Change:
This change is to remove confusion among the content of three courses (821, 822, 870) and to provide a more accurate description for 821 which will enable students to understand it as a distinct course.

Proposed Changes (Check all that apply)

- [ ] Course number
- [ ] Units*
- [ ] Title
- [x] Description
- [x] Prerequisite
- [ ] Other

Complete only the fields to be changed

<table>
<thead>
<tr>
<th>FROM</th>
<th>TO</th>
</tr>
</thead>
<tbody>
<tr>
<td>FROM</td>
<td>TO</td>
</tr>
<tr>
<td>Course Subject/Number</td>
<td>Course Subject/Number</td>
</tr>
<tr>
<td>Units</td>
<td>Units*</td>
</tr>
<tr>
<td>Course Title</td>
<td>Course Title (max 100 characters)</td>
</tr>
<tr>
<td>Course Short Title</td>
<td>Course Short Title (max 30 characters)</td>
</tr>
<tr>
<td>Description</td>
<td>Description</td>
</tr>
<tr>
<td>Problem-focused introduction to global health. Critical appraisal of current global health problems in the context of processes of globalization. Understanding and addressing health inequities, within and between countries. A case approach. Graded.</td>
<td>This is a survey course in global health. The course introduces students to fundamental concepts, frameworks and vocabulary that underwrite the logics of global health, as well as important histories and milestones in the field. A survey will be conducted of the most significant topic areas in the field, considering epidemiological patterns, etiology, approaches to improving health outcomes and the policy ramifications of our knowledge.</td>
</tr>
<tr>
<td>Prerequisite</td>
<td>Prerequisite</td>
</tr>
<tr>
<td>Admission to the graduate program or permission of the instructor.</td>
<td></td>
</tr>
<tr>
<td>Other</td>
<td>Other</td>
</tr>
</tbody>
</table>

* Program requirements may need to be revised when course units are changed. Please review the calendar and submit any relevant program revisions resulting from this course change.
REMINDER: All course changes must be identified on a cover memo and confirmed as approved when submitted to FGSC and SGSC.

CONTACT PERSON

<table>
<thead>
<tr>
<th>Department / School / Program</th>
<th>Contact name</th>
<th>Contact email</th>
</tr>
</thead>
<tbody>
<tr>
<td>Faculty of Health Sciences</td>
<td>Kellie Smith</td>
<td><a href="mailto:kellie@sfu.ca">kellie@sfu.ca</a></td>
</tr>
</tbody>
</table>

DEPARTMENTAL APPROVAL

<table>
<thead>
<tr>
<th>Department Graduate Program Committee</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malcolm Steinberg</td>
<td></td>
<td>June 14/17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Department Chair</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Malcolm Steinberg</td>
<td></td>
<td>June 14/17</td>
</tr>
</tbody>
</table>

FACULTY APPROVAL

<table>
<thead>
<tr>
<th>Faculty Graduate Studies Committee (FGSC)</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Timothy Beischlag</td>
<td></td>
<td>June 14/17</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Senate Graduate Studies Committee (SGSC)</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Jeff Derksen</td>
<td></td>
<td>SEP 1 2 2017</td>
</tr>
</tbody>
</table>

ADMINISTRATIVE SECTION (for DGS office only)

If different from regular units:

- Academic Progress Units: __________
- Financial Aid Progress Units: __________

Course Attribute:

Course Attribute Value:

Instruction Mode:

Attendance Type:
MEMORANDUM

ATTENTION Senate Graduate Studies Committee

FROM Timothy Beischlag, Director, Graduate Programs

RE: HSCI 858 (3) Graduate Course Change

DATE August 16, 2017

PAGES 1/1

The Faculty of Health Sciences would like to request a temporary withdrawal of HSCI 858 (3) effective summer 2018. The withdrawal is proposed because the course has been offered twice with no enrolment and most recently has been canceled because the slashed undergraduate course needs major revisions and was also canceled.

Sincerely,

Timothy Beischlag
Director, Graduate Programs
Graduate Course Temporary Withdrawal

When a course has not been offered in the previous four academic years (or more), it should be considered for temporary withdrawal. The purpose of this policy is to keep the SFU Calendar accurate for prospective and current students. Temporarily withdrawn courses can be reinstated, without going through the regular approval process, by sending a memo to the Graduate Studies office (gscurric@sfu.ca).

<table>
<thead>
<tr>
<th>Course Subject/Number</th>
<th>HSCI 858</th>
<th>Units</th>
<th>3</th>
</tr>
</thead>
</table>

Course Title
Prevention and Management of Cardiovascular Disease

Reason for Temporary Withdrawal
The withdrawal is proposed because the course has been offered twice with no enrolment and most recently has been canceled because the slashed undergraduate course needs major revisions and was also canceled. It is also cross-listed with BPK as an undergrad and grad course and we have notified them that we intend to withdraw the grad version.

Effective Term and Year: Summer 2018

Before Submission to SGSC check the following:
- Is this course required for degree completion?  □ YES  □ NO
- Do any program calendar entries need to be changed as a result of this withdrawal?  □ YES  □ NO
- Does the departmental website need to be updated?  □ YES  □ NO

Additional information for any YES responses:

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

CONTACT PERSON

Department / School / Program: Faculty of Health Sciences
Contact name: Kellie Smith
Contact email: kellie@sfu.ca

DEPARTMENTAL APPROVAL

Department Graduate Program Committee: Zabrina Brumme
Signature: [Signature]
Date: Aug 16/2017

Department Chair: N/A
Signature: [Signature]
Date: [Date]

FACULTY APPROVAL

Faculty Graduate Studies Committee (FGSC): Timothy Beischlag
Signature: [Signature]
Date: Aug 16/17

SENATE GRADUATE STUDIES COMMITTEE APPROVAL

Senate Graduate Studies Committee (SGSC): Jeff Derksen
Signature: [Signature]
Date: Aug 24/2017

Revised November 2014
MEMORANDUM

ATTENTION Senate

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

RE: New Course Proposals

DATE September 12, 2017

For information:
Acting under delegated authority and at its meeting of September 11, 2017 SGSC approved the following new course proposals effective summer 2018:

Faculty of Arts and Social Sciences
1) PLCY 830 Law, Public Policy and Dispute Resolution

Faculty of Communications, Art and Technology
2) IAT 890 PhD Comprehensive Exam

Faculty of Science
3) STAT 602 Analysis of Experimental and Observational Data
4) STAT 605 Biostatistical Methods
MEMO
Faculty of Arts and Social Sciences
Office of the Dean

ATTENTION: Wade Parkhouse, Dean
Graduate Studies

FROM: Lisa Shapiro, Chair
Faculty of Arts and Social Sciences Graduate Studies Committee

RE: Curricular Revisions: School of Public Policy

DATE: February 3, 2016

At its meeting of January 29, 2015, the Faculty of Arts and Social Sciences Graduate Studies Committee approved the curricular revisions, as submitted by the School of Public Policy (FASSGSC 14-15):

- New course proposals for PLCY 643 and PLCY 840

Would you please place these items on the agenda of the next SGSC meeting.

LS:jsh
Att.
MEMO

To: Jane Pulkingham, Associate Dean FASS
From: Doug McArthur, Director
Date: 16 December 2014
Re: Curriculum changes for the School of Public Policy in support of the proposal
For two new courses

At its meeting of 31 October 2014 all the members of the School of Public Policy approved the
attached new course proposal for PLCY 815.

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

Thank you,

Doug McArthur
# New Graduate Course Proposal

Please save the form before filling it out to ensure that the information will be saved properly.

<table>
<thead>
<tr>
<th>Course Subject (eg. PSYC)</th>
<th>PLCY</th>
<th>Number (eg. 810)</th>
<th>Units (eg. 4)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Law, Public Policy and Dispute Resolution</td>
<td>8101 830</td>
<td>5</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Course title (max 100 characters including spaces and punctuation)</th>
<th>Law, Public Policy and Dispute Resolution</th>
</tr>
</thead>
<tbody>
<tr>
<td>Short title (for enrollment/transcript - max 30 characters)</td>
<td>Law &amp; Dispute Resolution</td>
</tr>
</tbody>
</table>

**Course description for SFU Calendar**

A range of contemporary public policy issues in law and governance are examined in this course. Students will explore different methodologies employed in resolving major policy conflicts including: environmental, family and criminal justice, aboriginal land claims and treaties. Case studies and role plays are used extensively throughout the course.

**Rationale for introduction of this course**

For three years the School of Public Policy has offered this course as a special topics course. It has proved popular among our students. Given the importance of law in public policy issues and the increasing pressure to manage disputes appropriately this will be of real assistance to our students in whatever field of public policy they enter.

**Effective term and year**

Summer 2018

<table>
<thead>
<tr>
<th>Course delivery (eg 3 hrs/week for 13 weeks)</th>
<th>4hrs/week for 13 weeks</th>
</tr>
</thead>
</table>

**Frequency of offerings/year**

1  

<table>
<thead>
<tr>
<th>Estimated enrollment/offer</th>
<th>capped at 15</th>
</tr>
</thead>
</table>

**Equivalent courses**

(These are previously approved courses that replicate the content of this course to such an extent that students should not receive credit for both courses.)

**Prerequisite and/or Corequisite**

**Criminal record check required?**

- Yes
- No  

If yes, then add this requirement as a prerequisite.

**Campus where course will be taught**

- Burnaby
- Surrey
- Vancouver
- Great Northern Way
- Off campus

**Course Components**

- Lecture  
- Seminar  
- Lab  
- Research  
- Practicum  
- Online

**Grading Basis**

- Letter grades
- Satisfactory/Unsatisfactory
- In Progress/Complete

<table>
<thead>
<tr>
<th>Capstone course?</th>
<th>Yes</th>
<th>No</th>
</tr>
</thead>
</table>

**Repeat for credit?**

- Yes
- No

**Total completions allowed?**

**Repeat within a term?**

- Yes
- No

**Required course?**

- Yes
- No

**Final exam required?**

- Yes
- No

**Additional course fees?**

- Yes
- No

**Combined with an undergrad course?**

- Yes
- No

If yes, identify which undergraduate course and what the additional course requirements are for graduate students:

---

* Course descriptions should be brief and should never begin with phrases such as “This course will...” or “The purpose of this course is...” If the grading basis is satisfactory/unsatisfactory include this in the description.

** If a course is only available to students in a particular program, that should be stated in the prerequisite.

*** This mainly applies to a Special Topics or Directed Readings course.

Page 1 of 2 Revised January 2015
RESOURCES

If additional resources are required to offer this course, the department proposing the course should be prepared to provide information on the source(s) of those additional resources.

Faculty member(s) who will normally teach this course

Maureen Maloney

Additional faculty members, space, and/or specialized equipment required in order to offer this course

CONTACT PERSON

<table>
<thead>
<tr>
<th>Department / School / Program</th>
<th>Contact name</th>
<th>Contact email</th>
</tr>
</thead>
<tbody>
<tr>
<td>School of Public Policy</td>
<td>Maureen Maloney</td>
<td><a href="mailto:mmaloney@sfu.ca">mmaloney@sfu.ca</a></td>
</tr>
</tbody>
</table>

DEPARTMENTAL APPROVAL

REMINDER: New courses must be identified on a cover memo and confirmed as approved when submitted to FGSC/SGSC. Remember to also include the course outline.

Non-departmentalized faculties need not sign

<table>
<thead>
<tr>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dec 15, 2016</td>
</tr>
</tbody>
</table>

LIBRARY REVIEW

Library review done? ☑ YES

Course form, outline, and reading list must be sent by FGSC to lib-courseassessment@sfu.ca for a review of library resources.

OVERLAP CHECK

Overlap check done? ☑ YES

The course form and outline must be sent by FGSC to the chairs of each FGSC (fgsc-list@sfu.ca) to check for an overlap in content.

FACULTY APPROVAL

This approval indicates that all the necessary course content and overlap concerns have been resolved, and that the Faculty/Department commits to providing the required Library funds and any other necessary resources.

<table>
<thead>
<tr>
<th>Faculty Graduate Studies Committee (FGSC)</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>4 Feb 2015</td>
</tr>
</tbody>
</table>

SENATE GRADUATE STUDIES COMMITTEE APPROVAL

<table>
<thead>
<tr>
<th>Senate Graduate Studies Committee (SGSC)</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td>SEP 12, 2017</td>
</tr>
</tbody>
</table>

ADMINISTRATIVE SECTION (for DGS office only)

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

If different from regular units:

Academic Progress Units: __________
Financial Aid Progress Units: __________
Public Policy, Law and Dispute Resolution
PLCY 816 – S30

Instructor: Maureen Maloney
E Mail: mmaloney@sfu.ca
Phone: 778 782 9066
Office: Rm.3303 Harbour Centre

Required Texts:
- Coursepack – available at the SFU Bookstore

Course Description
The course examines a range of contemporary issues of governance and concentrates on different methodologies utilized in resolving public policy conflicts. It focuses on the interaction of legislative, judicial, and administrative institutions and processes as they respond to such pressures as the demand for enhanced representation; public participation and direct democracy; access to justice and alternative dispute resolution; aboriginal self-government; fiscal restraint; public accountability; and ethics. The course draws from a wide array of research and experiences in using different methods of resolving public policy conflicts drawn from a variety of areas including: environmental disputes, residential school issues, family conflicts, criminal matters and aboriginal land claims and treaties.

Methodology
Seminar-style discussions and lectures, student participation and in role plays with student presentations. Expert guests may also be invited.

Evaluation Criteria
- No final examination
- 65% Research paper: 4,000-5,000 words;
  - Marks deducted for excess words. In addition, words in excess of 5,000 will not be marked.
  - Research paper is due MONDAY April 16 no later than 3 p.m.,
  - Grade reduced by four percentage points for each day (or part thereof) that paper is late. Days include Sat, Sun, and holidays. NB. Papers must be submitted both in Hard Copy and Electronic Copy. Fax transmittal of papers is not permitted.
- 25% Class presentations
  - Each student must prepare a seminar of 30 minutes on a topic allotted by the professor plus prepare:
    (a) three – four questions on the topic; or
    (b) prepare one – short role play around that topic. (Maximum 15 minutes)
- 10% Participation in class
  General Evaluation Criteria – see attached
Public Policy, Law and Dispute Resolution
PLCY 816  830

PLEASE NOTE: That taping, photographing or recording of presentations or activities in the classroom is prohibited without the express permission of the Professor and the student or students who may be captured by such taping, photography or recording

APPENDIX A:
Objectives, Expectations & Evaluation Criteria for Research Paper
Criteria for Class Presentations
Criteria for Class Participation
Academic Integrity
MEMORANDUM

ATTENTION Jeff Derksen, Acting Dean of Graduate Studies
FROM Zoë Druick, FCAT Associate Dean & Chair, FCAT-Graduate Studies Committee
RE: SGSC Agenda Item – SIAT Calendar entry

DATE August 10, 2017
PAGES

On behalf of the Faculty of Communication, Art and Technology, I am forwarding for SGSC's consideration the following calendar changes from SIAT. These changes, approved by the FCAT GSC electronically on August 4, follow on course changes that were approved by the GSC in July 2016 and by SGSC in September 2016.

1) The addition of previously required courses to a list of electives for MA, MSe, and PhD;
2) The addition of a course number for the PhD Comprehensive Examination (IAT 890);
3) A change to the title of IAT 899;
4) A revision of the PhD degree calendar entry to include the previous three changes.

Thank you for your attention to this matter.

Zoë Druick
Associate Dean, FCAT
Chair, FCAT Graduate Studies Committee

cc: Bernhard Riecke, Graduate Program Chair, SIAT
/encl

ZD/id
**New Graduate Course Proposal**

Attach a separate document if more space is required.

<table>
<thead>
<tr>
<th>Course Subject (e.g. PSYC)</th>
<th>AT</th>
<th>Number (e.g. 810)</th>
<th>890</th>
<th>Units (e.g. 4)</th>
<th>0</th>
</tr>
</thead>
</table>

Course title (max 100 characters including spaces and punctuation)

**PhD Comprehensive Exam**

Short title (for enrollment/transcript - max 30 characters)

PhD Comprehensive Exam

Course description for SFU Calendar *

With the consent of their supervisory committee, students may sit the Comprehensive Examination following completion of required course work. Upon passing the student will be admitted to full degree candidacy. Graded on a satisfactory/unsatisfactory basis. The examination may be retaken once.

Rationale for introduction of this course

To formalize comprehensive examination process.

Term of initial offering

1184

Course delivery (e.g. 3 hrs/week for 13 weeks)

N/A

Frequency of offerings/year

3

Estimated enrollment/offering

Equivalent courses (These are previously approved courses that replicate the content of this course to such an extent that students should not receive credit for both courses.)

N/A

Prerequisite and/or Corequisite **

Enrolment in SIAT PhD Program and completion of Annotated Bibliography.

Educational Goals [optional]

Criminal record check required? ☐ Yes *** ☐ No

Additional course fees? ☐ Yes ☑ No

Campus where course will be taught

☑ Burnaby ☐ Surrey ☐ Vancouver ☐ Great Northern Way ☐ Off campus

Course Components

☐ Lecture ☐ Seminar ☐ Lab ☐ Research ☐ Practicum ☐ Online ☑ IND

Grading Basis

☐ Letter grades ☑ Satisfactory or Unsatisfactory ☐ In Progress/Complete

Repeat for credit? ****** ☑ Yes ☑ No

Total repeats allowed? 3

Capstone course? ☐ Yes ☑ No

Required course?  ☑ Yes ☑ No

Final exam required?  ☑ Yes ☑ No

Repeat within a term?  ☑ Yes ☑ No

Combined with an undergrad course?  ☑ Yes ☑ No

If yes, identify which undergraduate course and what the additional course requirements are for graduate students.

* Course descriptions should be brief and should never begin with phrases such as "This course will..." or "The purpose of this course is..." If the grading basis is satisfactory/unsatisfactory include this in the description.

** If a course is only available to students in a particular program, that should be stated in the prerequisite.

*** If yes, then add this requirement as a prerequisite.

**** This applies to a Special Topics or Directed Readings course.
RESOURCES

If additional resources are required to offer this course, the department proposing the course should be prepared to provide information on the source(s) of those additional resources.

Faculty member(s) who will normally teach this course
N/A

Additional faculty members, space, and/or specialized equipment required in order to offer this course
N/A

CONTACT PERSON

<table>
<thead>
<tr>
<th>Department / School / Program</th>
<th>Contact name</th>
<th>Contact email</th>
</tr>
</thead>
<tbody>
<tr>
<td>SIAT</td>
<td>Tiffany Taylor</td>
<td><a href="mailto:sitatgrad@sfu.ca">sitatgrad@sfu.ca</a></td>
</tr>
</tbody>
</table>

DEPARTMENTAL APPROVAL

REMINDER: New courses must be identified on a cover memo and confirmed as approved when submitted to FGSC/SGSC. Remember to also include the course outline.

Non-departmentalized faculties need not sign

<table>
<thead>
<tr>
<th>Department Graduate Program Committee</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bernhard Riecke</td>
<td></td>
<td>July 21, 2017</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Department Chair</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>Thecla Schiphorst</td>
<td></td>
<td>July 21, 2017</td>
</tr>
</tbody>
</table>

LIBRARY REVIEW

Library review done? ☑ YES ☐ N/A
Course form, outline, and reading list must be sent by FGSC to lib-courseassessment@sfu.ca for a review of library resources.

OVERLAP CHECK

Overlap check done? ☑ YES ☐ N/A
The course form and outline must be sent by FGSC to the chairs of each FGSC (fgsc-list@sfu.ca) to check for an overlap in content.

FACULTY APPROVAL

This approval indicates that all the necessary course content and overlap concerns have been resolved, and that the Faculty/Department commits to providing the required Library funds and any other necessary resources.

<table>
<thead>
<tr>
<th>Faculty Graduate Studies Committee (FGSC)</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Z. Druick</td>
<td>Aug 10, 2017</td>
</tr>
</tbody>
</table>

SENATE GRADUATE STUDIES COMMITTEE APPROVAL

<table>
<thead>
<tr>
<th>Senate Graduate Studies Committee (SGSC)</th>
<th>Signature</th>
<th>Date</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Jeff Derksen</td>
<td>SEP 12, 2017</td>
</tr>
</tbody>
</table>

ADMINISTRATIVE SECTION (for DGS office only)

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

If different from regular units:
Academic Progress Units:
Financial Aid Progress Units:
MEMO
Faculty of Science

ATTENTION Wade Parkhouse, Dean, Graduate Studies

FROM Peter Ruben, Associate Dean, Research and Graduate Studies, Faculty of Science

RE New courses - Statistics

DATE April 24, 2017

TIME 12:12 PM

The Department of Statistics and Actuarial Science seeks to offer two new courses, Statistics 602 and Statistics 605, intended for graduate students from other Faculties and Departments outside of Statistics. They will be cross-listed with undergraduate courses, Statistics 302 and Statistics 305, respectively, both of which are targeted at undergraduate Statistics majors. These new courses have been approved by the Faculty of Science Graduate Committee and are forwarded for approval by the Senate Graduate Studies Committee. Please include this item on the next SGSC agenda.

P. Ruben
March 29, 2017

To: Peter Ruben  
Faculty of Science Graduate Studies Committee

Re: Course Proposals - STAT 602-3 and STAT 605-3

We propose the introduction of the courses STAT 602-3 (Analysis of Experimental and Observational Data) and STAT 605-3 (Biostatistical Methods for Health Sciences). These courses are intended for graduate students outside of the Department of Statistics and Actuarial Science and will be cross-listed with STAT 302-3 and STAT 305-3, respectively.

The proposal is in keeping with our Department’s objective to facilitate more quantitative research expertise across the university.

This proposal is to be presented to the Faculty of Science Graduate Curriculum Committee for consideration of having the course added to the Calendar.

The course was approved by the Department of Statistics and Actuarial Science at the February 10/17 Departmental meeting.

Tim Swartz  
Graduate Chair, Stats/ActSci
**New Graduate Course Proposal**

Attach a separate document if more space is required.

<table>
<thead>
<tr>
<th>Course Subject (eg. PSYC)</th>
<th>STAT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number (eg. 810)</td>
<td>602</td>
</tr>
<tr>
<td>Units (eg. 4)</td>
<td>3</td>
</tr>
</tbody>
</table>

**Course title (max 100 characters including spaces and punctuation)**

Analysis of Experimental and Observational Data

**Short title (for enrollment/transcript - max 30 characters)**

Analysis of Exp and Obs Data

**Course description for SFU Calendar**

The standard techniques of multiple regression analysis, analysis of variance, and analysis of covariance, and their role in experimental research.

**Rationale for introduction of this course**

Graduate students across the university are becoming more involved with the analysis of data. This course introduces some of the fundamental data analysis techniques.

**Term of initial offering**

Summer 2018

**Course delivery (eg. hrs/week for 13 weeks)**

3 hrs/week for 13 weeks

**Frequency of offerings/year**

once per year

**Estimated enrollment/offering**

15

**Equivalent courses**

These are previously approved courses that replicate the content of this course to such an extent that students should not receive credit for both courses.

STAT 302

**Prerequisite and/or Corequisite**

Any course in Statistics. Open only to students in departments other than Statistics and Actuarial Science.

**Educational Goals [optional]**

**Criminal record check required?**

☐ Yes *** Additional course fees? ☐ Yes ☑ No

**Campus where course will be taught**

☑ Burnaby ☐ Surrey ☐ Vancouver ☐ Great Northern Way ☐ Off campus

**Course Components**

☑ Lecture ☐ Seminar ☐ Lab ☐ Research ☐ Practicum ☐ Online ☐

**Grading Basis**

☑ Letter grades ☐ Satisfactory or Unsatisfactory ☐ In Progress/Complete

**Repeat for credit?**

☐ Yes ☑ No

**Total repeats allowed?**

3

**Capstone course?**

☐ Yes ☑ No

**Required course?**

☑ Yes ☑ No

**Final exam required?**

☑ Yes ☑ No

**Repeat within a term?**

☐ Yes ☑ No

**Combined with an undergrad course?**

☑ Yes ☑ No

If yes, identify which undergraduate course and what the additional course requirements are for graduate students:

- STAT 302. No additional requirements for graduate students

*Course descriptions should be brief and should never begin with phrases such as “This course will...” or “The purpose of this course is...” If the grading basis is satisfactory/unsatisfactory include this in the description.

** If a course is only available to students in a particular program, that should be stated in the prerequisite.

*** If yes, then add this requirement as a prerequisite.

**** This applies to a Special Topics or Directed Readings course.
RESOURCES
If additional resources are required to offer this course, the department proposing the course should be prepared to provide information on the source(s) of those additional resources.

Faculty member(s) who will normally teach this course
Altman, Bingham, Campbell, Graham, Hu, Lockhart, Loughin, McNeney, Schwarz, Swartz, Tang, Tho

Additional faculty members, space, and/or specialized equipment required in order to offer this course

CONTACT PERSON

Department / School / Program: Statistics and Actuarial Science
Contact name: Sadika Jungic
Contact email: sjungic@sfu.ca

DEPARTMENTAL APPROVAL
REMINDER: New courses must be identified on a cover memo and confirmed as approved when submitted to FGSC/SGSC. Remember to also include the course outline.
Non-departmentalized faculties need not sign

Department Graduate Program Committee Signature Date
Tim Swartz

Department Chair
Tom Loughin

LIBRARY REVIEW
Library review done? □ YES
Course form, outline, and reading list must be sent by FGSC to lib-courseassessment@sfu.ca for a review of library resources.

OVERLAP CHECK
Overlap check done? □ YES
The course form and outline must be sent by FGSC to the chairs of each FGSC (fgsc-list@sfu.ca) to check for an overlap in content.

FACULTY APPROVAL
This approval indicates that all the necessary course content and overlap concerns have been resolved, and that the Faculty/Department commits to providing the required Library funds and any other necessary resources.

Faculty Graduate Studies Committee (FGSC) Signature Date
Peter Ruben

Faculty Chair

SENATE GRADUATE STUDIES COMMITTEE APPROVAL

Senate Graduate Studies Committee (SGSC) Signature Date
Jeff Derksen

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

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

Page 2 of 2 Revised February 11, 2016
PREREQUISITES:
Any course in Statistics. Open only to students in departments other than Statistics and Actuarial Science.

CALENDAR DESCRIPTION:
The standard techniques of multiple regression analysis, analysis of variance, and analysis of covariance, and their role in experimental research.

COURSE DETAILS:
Lab Instructor: Marie Loughlin

Course Outline:

TOPICS

1. Introduction to Regression Analysis
Simple regression, regression and causality, assumptions of linear regression, measuring adequacy of assumptions, estimation of error variance, inferences concerning slope and intercept, inferences concerning the simple regression line, interpretation of estimated regression lines, prediction with regression line.

2. Correlation and its Relationship to Regression
Definition of the correlation coefficient, $R$, measures of association, the bivariate normal distribution, what $R$ does not measure, estimation and testing with $R$.

3. Analysis of Variance
One- and two-way analysis of variance, the analysis of variance table and related tests, fixed and random effects, multiple comparison
procedures and contrasts.

4. Multiple Regression Analysis
Using more than one independent variable, graphical considerations for this problem, assumptions, collinearity, estimation of the best regression equation, analysis of variance table, overall and partial F tests.

5. The General Linear Model
Multiple regression and analysis of variance as special cases of the general linear model. The general procedure for constructing F-tests by fitting restricted models. Applications to analysis of covariance and comparison of two regression models.

6. Correlations: Multiple, Partial and Multiple-Partial
Correlation matrix, multiple correlation coefficient, the multivariate normal distribution, partial correlation coefficient, F-tests for multiple and partial correlations.

7. Analysis of Residuals
Checking on the assumptions of regression and analysis of variance models, effects of departures from the assumptions, transformations.
# New Graduate Course Proposal

**Course Subject** (e.g. PSYC) | STAT
---|---
**Number** (e.g. 810) | 605
**Units** (e.g. 4) | 3

**Course title** (max 100 characters including spaces and punctuation)

Biostatistical Methods

**Short title** (for enrollment/transcript - max 30 characters)

Biostats Methods

**Course description for SFU Calendar**


**Rationale for introduction of this course**

Graduate students across the university are becoming more involved with the analysis of data. This course introduces statistical methodology particularly suited to the health sciences.

**Term of initial offering**

Summer 2018

**Course delivery** (e.g. 3 hrs/week for 13 weeks)

Shrs/week for 13 weeks

**Estimated enrollment/offering**

10

**Equivalent courses** (These are previously approved courses that replicate the content of this course to such an extent that students should not receive credit for both courses.)

STAT 305

**Prerequisite and/or Corequisite**

Any course in Statistics. Open only to students in departments other than Statistics and Actuarial Science.

**Educational Goals** (optional)

- [ ] Criminal record check required?
- [ ] Additional course fees?
- [ ] Yes
- [ ] No

- [ ] Yes
- [ ] No

- [ ] Yes
- [ ] No

- [ ] Yes
- [ ] No

**Campus where course will be taught**

- [ ] Burnaby
- [ ] Surrey
- [ ] Vancouver
- [ ] Great Northern Way
- [ ] Off campus

**Course Components**

- [ ] Lecture
- [ ] Seminar
- [ ] Lab
- [ ] Research
- [ ] Practicum
- [ ] Online

**Grading Basis**

- [ ] Letter grades
- [ ] Satisfactory or Unsatisfactory
- [ ] In Progress/Complete

**Repeat for credit?**

- [ ] Yes
- [ ] No

**Total repeats allowed?**

**Capstone course?**

- [ ] Yes
- [ ] No

**Required course?**

- [ ] Yes
- [ ] No

**Final exam required?**

- [ ] Yes
- [ ] No

**Repeat within a term?**

- [ ] Yes
- [ ] No

**Combined with an undergrad course?**

- [ ] Yes
- [ ] No

**Required course for graduate students?**

- [ ] Yes
- [ ] No

**Additional course requirements for graduate students:**

STAT 305. No additional requirements for graduate students.

---

* Course descriptions should be brief and should never begin with phrases such as "This course will..." or "The purpose of this course is..." If the grading basis is satisfactory/unsatisfactory include this in the description.

** If a course is only available to students in a particular program, that should be stated in the prerequisite.

*** If yes, then add this requirement as a prerequisite.

**** This applies to a Special Topics or Directed Readings course.
RESOURCES

If additional resources are required to offer this course, the department proposing the course should be prepared to provide information on the source(s) of those additional resources.

Faculty member(s) who will normally teach this course
Altman, Bingham, Campbell, Graham, Hu, Lockhart, Loughin, McNeney, Schwarz, Swartz, Tang, Tho

Additional faculty members, space, and/or specialized equipment required in order to offer this course

CONTACT PERSON

Department / School / Program
Statistics and Actuarial Science
Contact name
Sadika Jungic
Contact email
sjungic@sfu.ca

DEPARTMENTAL APPROVAL

REMINDER: New courses must be identified on a cover memo and confirmed as approved when submitted to FGSC/SGSC. Remember to also include the course outline.

Non-departmentalized faculties need not sign

Department Graduate Program Committee
Tim Swartz
Signature
Date

Department Chair
Tom Loughin
Signature
Date

LIBRARY REVIEW

Library review done? □ YES

Course form, outline, and reading list must be sent by FGSC to lib-courseassessment@sfu.ca for a review of library resources.

OVERLAP CHECK

Overlap check done? □ YES

The course form and outline must be sent by FGSC to the chairs of each FGSC (fgsc-list@sfu.ca) to check for an overlap in content.

FACULTY APPROVAL

This approval indicates that all the necessary course content and overlap concerns have been resolved, and that the Faculty/Department commits to providing the required Library funds and any other necessary resources.

Faculty Graduate Studies Committee [FGSC]
Peter Ruben
Signature
Date

SENATE GRADUATE STUDIES COMMITTEE APPROVAL

Senate Graduate Studies Committee [SGSC]
Jeff Derksen
Signature
Date

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

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

Page 2 of 2 Revised February 11, 2016
PREREQUISITES:

Any course in Statistics. Open only to students in departments other than Statistics and Actuarial Science.

CALENDAR DESCRIPTION:


COURSE DETAILS:

Lab Instructor: Marie Loughin

Course Outline:

This course provides an opportunity for the further development of analytic skills acquired in basic courses in statistics and the health sciences. It concentrates on the relatively few techniques that are currently most used in health research, but it also seeks to provide a conceptual basis for understanding other techniques as well. An attempt is made to focus on unifying principles and widely applicable methods as opposed to presenting an array of unrelated ad hoc methods. The material is presented descriptively, from the point of view of understanding and practical use.

The emphasis of the course is on analysis (rather than design) of primarily observational studies where there is one outcome variable of primary interest and where the data are made up of multiple independent observations. Important areas not covered are: classical multivariate analysis (e.g., factor analysis, discriminant analysis, etc.), longitudinal data analysis, time series, random effects models, and experimental design considerations (e.g., Latin squares, etc.).

Objectives:
By the end of the course the participant should:

1. understand the concept of a statistical model and how such models correspond to specific hypotheses or questions,
2. be able to interpret the results of an analysis in relation to the original questions or hypotheses that motivated the analysis,
3. be familiar with data analysis methods commonly used in health sciences and understand the basic limitations of competing methods,
4. understand and be able to critique the analysis methods described in published health research papers,
5. be able to communicate effectively with statistical consultants.

Topics:

The scheduling of the following topics is approximate:

1. Review of introductory statistics: Hypothesis testing, estimation and confidence intervals for means and proportions.
2. Review of basic concepts of probability with applications including diagnostic testing, sensitivity and specificity, the relative risk and the odds ratio.
3. Contingency Tables: The Chi-square test, $r 	imes c$ tables, multiple $2 	imes 2$ tables, Simpson's paradox, Mantel- Haenszel method.
4. Correlation and simple linear regression: Regression concepts, estimation and testing for regression coefficients, evaluation of the model.
5. Multiple linear regression: Inference for regression coefficients, confounding and interaction, indicator variables, model selection, prediction, model assumptions and checking.
MEMORANDUM

ATTENTION Senate
FROM Jeff Derksen,
Chair of Senate Graduate Studies Committee (SGSC)
RE: Program Changes

DATE September 11, 2017

For information:
Acting under delegated authority and at its meeting of September 11, 2017 SGSC approved the following program changes effective summer 2018:

Faculty of Arts and Social Sciences
  1) Public Policy MPP

Faculty of Communications, Art and Technology
  2) Interactive Arts and Technology PhD
  3) Interactive Arts and Technology MA
  4) Interactive Arts and Technology MEd
TO: SGSC
DATE: September 1, 2017
RE: Curriculum changes for Master of Public Policy

The following program changes have been approved by the School of Public Policy. The calendar change is to align with the new calendar format and remove the elective list from the calendar as all policy courses are allowed to be used as electives.
Please note:

To view the Summer 2017 Academic Calendar go to http://www.sfu.ca/students/calendar/2017/summer.html

School of Public Policy
Simon Fraser University Calendar | Fall 2017

Public Policy

MASTER OF PUBLIC POLICY

This master of public policy (MPP) program offers the skills, insights and analytical frameworks that public sector and non-profit policy analysts and managers require. It focuses on the political and economic contexts of public policy analysis and offers specialized study. Designed to develop the strategic and global perspective required of tomorrow's senior policy analysts and managers, the program uses a cohort model which encourages student interaction and co-operation. An individual research project undertaken in PLCY 808 and 809 (advanced policy analysis) is an integral part of the program.

This full-time two year cohort program, leading to a master of public policy (MPP), consists of fourteen courses and a summer co-op/internship. Courses are sequenced through the fall and spring terms. The maximum course load is four courses per term.

Admission Requirements

To be considered for admission, applicants must have a bachelor's degree from a recognized university. Those admitted with other credentials, or those with degrees who, in the judgement of the program director, are without adequate foundation in the social sciences, may be required to make up any deficiency without receiving graduate credit for those courses.

Students are normally admitted in September. It is expected that approximately 30 students will be directly admitted in any one year.

The normal admission minimum undergraduate GPA is 3.0 (or equivalent), although the admissions committee and program director may consider relevant work experience when determining admission eligibility.

Criteria for admission, in addition to undergraduate grades, include strong letters of reference, an essay, and for those whose native language is not English, acceptable TOEFL scores (570 minimum) and a score of 5 or above on the Test of Written English. Students with non-Canadian undergraduate or graduate degrees are required to complete the Graduate Record Exam (GRE).

Application Requirements

The following application documentation is required.

a Simon Fraser University graduate application form, which is available from the School of Public Policy office or from www.sfu.ca/mpp

official undergraduate transcript showing all grades (mailed directly from the granting institution)
three confidential reference letters (mailed directly from referees), at least two of which are from faculty members (may be waived for mid-career applicants with professional experience; letters from employers may be used). Reference forms are available from the office or from www.sfu.ca/mpp

a one-page essay that explains why the applicant wishes to pursue the MPP degree

a student whose first language is not English and whose undergraduate degrees were from institutions where English is not the language of instruction are required to submit TOEFL and Test of Written English scores

GRE score for non-Canadian degree applicants

Program Requirements

The candidate must complete a total of ten core PLCY courses, a summer co-op/internship, and four additional elective courses that must be approved by the School of Public Policy director.

Year One

Students complete a total of 40 units, including all of

PLCY 800 - Introduction to Policy Issues and Analysis I (5)
PLCY 801 - Economic Foundations of Policy Analysis I (5)
PLCY 802 - Economic Foundations of Policy Analysis II (5)
PLCY 803 - Political Foundations of Policy Analysis I (5)
PLCY 804 - Political Foundations of Policy Analysis II (5)
PLCY 805 - Research Techniques and Quantitative Methods I (5)
PLCY 806 - Research Techniques and Quantitative Methods II (5)
PLCY 807 - Introduction to Policy Analysis and Issues II (5)

In the summer term, the co-op/internship course PLCY 850 is completed as well.

Year Two

Students complete a minimum total of 30 units, including both of

PLCY 808 - Advanced Policy Analysis I (5)
PLCY 809 - Advanced Policy Analysis II (5)

In addition, four elective courses are required. The program director, in consultation with the student, selects appropriate graduate courses offered by affiliated programs and departments. To satisfy these requirements, and when appropriate, students may choose from the following PLCY courses.

PLCY 810 - Issues in Public Policy (5)
PLCY 811 - Issues in Public Policy II (5)
PLCY 812 - Selected Topics in Public Policy (5)
PLCY 813 - Selected Topics in Public Policy II (5)
PLCY 817 - Advanced Qualitative Analysis for Public Policy (5)
PLCY 818 - Quantitative Methods for Policy Analysts (5)
PLCY 819 - Public Management (5)
PLCY 820 - Public Participation in Public Policy (5)
PLCY 821 - Aboriginal and First Nations Policy (5)
PLCY 822 - World Economic Policy Issues (5)
PLCY 823 - Health Policy (5)
All graduate students must satisfy the academic requirements that are specified in the Graduate General Regulations, as well as the specific requirements for the program in which they are enrolled.
Public Policy

MASTER OF PUBLIC POLICY

Description of Program
This master of public policy (MPP) program offers the skills, insights and analytical frameworks that public sector and non-profit policy analysts and managers require. It focuses on the political and economic contexts of public policy analysis and offers specialized study. Designed to develop the strategic and global perspective required of tomorrow's senior policy analysts and managers, the program uses a cohort model which encourages student interaction and co-operation. An individual research project is an integral part of the program.

Admission Requirements
Applicants must satisfy the University admission requirements as stated in Graduate General Regulations 1.3 in the SFU Calendar. Students with non-Canadian undergraduate or graduate degrees are required to complete the Graduate Record Exam (GRE).

Program Requirements
This program consists of course work, an internship, and a project for a minimum of 70 units. The research project is examined as a thesis and must be submitted to the library.

Students must complete all of
PLCY 800 - Introduction to Policy Issues and Analysis I (5)
PLCY 801 - Economic Foundations of Policy Analysis I (5)
PLCY 802 - Economic Foundations of Policy Analysis II (5)
PLCY 803 - Political Foundations of Policy Analysis I (5)
PLCY 804 - Political Foundations of Policy Analysis II (5)
PLCY 805 - Research Techniques and Quantitative Methods I (5)
PLCY 806 - Research Techniques and Quantitative Methods II (5)
PLCY 807 - Introduction to Policy Analysis and Issues II (5)

and an internship
PLCY 850 - Internship (0)

and four elective PLCY graduate courses*

and a research project
PLCY 808 - Advanced Policy Analysis I (5)
PLCY 809 - Advanced Policy Analysis II (5)

*The program director, in consultation with the student, selects appropriate graduate courses offered by PLCY, affiliated programs and departments.

Program Length
Students are expected to complete the program requirements in six terms (2 years). The maximum course load for this program is four courses per term.
Academic Requirements within the Graduate General Regulations

All graduate students must satisfy the academic requirements that are specified in the Graduate General Regulations, as well as the specific requirements for the program in which they are enrolled.
MEMORANDUM

ATTENTION: Jeff Deeksen, Acting Dean of Graduate Studies  
FROM: Zoe Druick, FCAT Associate Dean & Chair, 
FCAT Graduate Studies Committee  
RE: SGSC Agenda Item - SIAT Calendar entry  
DATE: August 10, 2017  
PAGES:

On behalf of the Faculty of Communication, Art and Technology, I am forwarding for SGSC’s consideration the following calendar changes from SIAT. These changes, approved by the FCAT GSC electronically on August 4, follow on course changes that were approved by the GSC in July 2016 and by SGSC in September 2016.

1) The addition of previously required courses to a list of electives for MA, MSc, and PhD;  
2) The addition of a course number for the PhD Comprehensive Examination (IAT 890);  
3) A change to the title of IAT 899;  
4) A revision of the PhD degree calendar entry to include the previous three changes.

Thank you for your attention to this matter.

Zoe Druick  
Associate Dean, FCAT  
Chair, FCAT Graduate Studies Committee

cc: Bernhard Riecke, Graduate Program Chair, SIAT

/encl

ZD/lld
Changes to the SIAT Graduate Program Course Requirements: Memo

The SIAT graduate program was restructured into a cohort model effective September 2017. These changes were both structural and content based and involved the introduction of three foundation cohort courses that all students will take with all remaining SIAT graduate level courses to serve as electives for our program requirements.

In implementing this we identified three additional changes that need to be made to our course requirements.

1. the addition of our previous required set of courses to our elective list for the MA, MSc, and PhD degrees
2. the addition of a placeholder course to formalize the PhD Comprehensive Examination
3. a change to the title of IAT 890
4. a revision of the PhD degree calendar entry to include the above three changes
**Calendar Entry Change for SIAT Doctor of Philosophy**

<table>
<thead>
<tr>
<th>Summary of change:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adding a new placeholder course to formalize the Comprehensive Examination process. Changing references from dissertation to thesis. Updating to the new standardized calendar format. Removing the list of SIAT electives as all SIAT sources may be as the elective.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Rationale for change:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Formalization of the SIAT PhD Comprehensive Examination. Mistakenly excluded the electives during previous program change to the cohort model. Dissertation is no longer used in the GGRs therefore for consistency keeping the language in line with the regulations.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Effective term and year:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Summer 2018</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Will this change impact current students? If yes, what is the plan for current students?</th>
</tr>
</thead>
<tbody>
<tr>
<td>No</td>
</tr>
</tbody>
</table>
Please note:

To view the Summer 2017 Academic Calendar go to http://www.sfu.ca/students/calendar/2017/summer.html

School of Interactive Arts and Technology
Simon Fraser University Calendar | Fall 2017

Interactive Arts and Technology

Doctor of Philosophy

This program offers a doctor of philosophy (PhD) degree in art, design, media and information technology with particular expertise in the computational and interactive aspects of art, design, new media learning, business, computer games, cognition, performing arts, social science and cultural studies. The program is geared toward students who wish to learn about technology and how it is made and used.

The program has the quadruple objectives of: first, research and development of new computational technology in the context of complex human organizations and situations; second, research into the acts of designing, making, and managing technology; third, inquiry into and use of research methodologies that enable interdisciplinary collaboration and the development of new technologies; and fourth, application of new technologies in society and industry, particularly in creative areas of art, design, games and media.

Admission Requirements

There will be annual admission with the possibility of early or out-of-cycle admissions in special cases.

The minimum standards will be those of Simon Fraser University, as described in the Graduate General Regulations, augmented by the following specific requirements.

The school aims to admit students with diverse backgrounds, across the broad areas in which our faculty have disciplinary expertise. The following admission requirements encourage such diversity while setting minimum standards for acceptance into the program.

Minimum Standard Entrance Requirements

a graduate degree in a field related to the proposed program of study, e.g. MSc computer science, MASc engineering (electrical, communications, computer engineering), MA or MSc in education, management, or economics,
communications, MFA in art, design or performing arts, MA in art, art history, architecture, linguistics, psychology or philosophy, MArch, MLArch

OR a graduate degree in another, related discipline. Applicants are required to establish the relationship between the discipline in which they hold their previous degree or degrees and this program and explain how they would benefit from this program.

OR an undergraduate degree in one of the two categories above. Applicants are required to demonstrate both high academic standing (3.5 GPA or better at a Canadian university, or equivalent), for the undergraduate degree, and evidence of research aptitude and accomplishment.

a minimum cumulative GPA of 3.0 or better at a Canadian university, or equivalent, for the master's degree.

three reference letters each from a suitably qualified person.

Additional Admission Requirements

**English Language Competence**

English is the language of instruction and communication at the University. Accordingly, an applicant whose primary language is not English must demonstrate command of English sufficient to pursue graduate studies in the chosen field. Please refer to Graduate General Regulation 1.3.12 for minimum language requirements and further information.

**Portfolio/Interview**

Candidates who are considered for admission may be required to submit a work portfolio and/or be required to attend a personal or telephone interview during the latter stages of the admission process.

**Advising and Supervision**

Students entering the program will be assigned an interim advisor. The interim advisor has two main tasks: advising the student on issues related to study within the program and assisting the student in identifying and approaching potential senior supervisors. There is no requirement that the interim advisor has a role in supervision once the senior supervisor is approved. Student supervision will comply with graduate general regulations section 1.6 Supervision.

The normal size of supervisory committees is two members.

**Program Requirements**

The PhD program requires a minimum of 18 units, consisting of course work (12 units), two terms of a research colloquium (0 units) and a thesis (6 units).

**Course Requirements**

Students complete a minimum of 12 units, of which 6 of 9 must normally be SIAT course units. For students with a non-SIAT Master's, 9 units must normally be SIAT graduate courses.

Required courses include two of

IAT 803 - Science, Technology & Culture (3)
IAT 804 - Foundations of Research Design for Human-Centred Design of Interactive Technologies (3)
IAT 806 - Interdisciplinary Design Approaches to Computing (3)

Students complete any remaining requirements from electives, special topics and directed readings courses. For students with a SIAT Master's: Students take any two SIAT courses (minimum 6 units) and any two electives. All units must be graduate courses.

**SIAT Elective Courses**

IAT 832 - Exploring Interactivity (3)
IAT 833 - Performance, Technology and Embodiment (3)
IAT 834 - Mixed Methods in Design Research (3)
IAT 835 - Sustainable Interaction Design (3)
IAT 842 - Theory and Design of Games (3)
IAT 844 - Spatial Computing (3)
IAT 846 - Interactive Systems for Design (3)
IAT 847 - Metacreation: Endowing Machines with Creative Behaviours (3)
IAT 881 - Special Topics I (3)
IAT 882 - Special Topics II (3)
IAT 883 - Special Topics III (3)
IAT 884 - Special Topics IV (3)
IAT 885 - Special Topics V (3)
IAT 886 - Special Topics VI (3)
IAT 887 - Special Topics VII (3)
IAT 888 - Special Topics VIII (3)

**External Courses**

Subject to supervisory committee approval and graduate program committee approval, students may fulfill the remaining course requirements through other appropriate graduate courses at Simon Fraser University or elsewhere (the latter subject to Simon Fraser University rules on external courses).

**Directed Readings**

Directed readings should be distinct from work undertaken toward the thesis, and only one can be counted towards the program requirements. Students should not expect to complete a directed readings course when a substantively comparable Simon Fraser University course exists. Directed readings courses, even if led by SIAT faculty, may not be counted as part of the minimum 12 SIAT units. Normally a directed readings course may not be taken from the student's senior supervisor(s).

IAT 871 - Directed Readings I (3)

**Research Colloquium**

The research colloquium is an important part of the program. Students present in two seminars and are required to register in the following colloquium course for at least two academic terms.
Comprehensive Examination

The comprehensive examination tests for achievement in interdisciplinarity, breadth of knowledge, depth of knowledge, topic focus and scholarly skill.

With supervisory committee consent, students may write the comprehensive examination following completion of required course work. Upon passing, the student is admitted to full degree candidacy. The examination may be retaken once.

As part of the preparation to undertake the comprehensive examination, the student submits, to the supervisory committee, a comprehensive annotated bibliography of readings used throughout course work, and readings related to the proposed thesis topic. The senior supervisor will inform the graduate program committee of the supervisory committee's consent to write the examination and will provide a copy of the annotated bibliography.

Upon receipt of this from the senior supervisor, the graduate program committee will form an examination committee comprising the supervisory committee, the graduate program chair or designate, and one other member of faculty in the School who is eligible to act as a senior supervisor. The graduate program chair or designate shall chair the examination committee.

The examination will have three sections: the first tests breadth of knowledge within the course of study; the second tests for knowledge of the proposed thesis topic; the third tests for knowledge of and skill with pertinent research methodology. At least two of the sections will have a required archival component. The exam will have an oral component that will test for all three sections.

The examining committee will refer to the bibliography when preparing the exam. The exam process should not exceed one term from the date of notification to the graduate program committee of the consent to write the examination. This may be longer should a student be required to retake the examination.

Specific guidelines for these examinations are available from the graduate program assistant.

PhD Proposal

The program requires a dissertation proposal aimed at collegial review of the proposed work, development of research formulation and presentation skills, and approval of the dissertation work by the supervisory committee and the graduate program chair.

The approval of the graduate program chair is largely for oversight issues, for example, required ethics clearances. The dissertation proposal has two components: a research prospectus and a public event with timely notification given to the campus community.

PhD Dissertation

PhD candidates produce and defend a dissertation as part of degree requirements. All Simon Fraser University regulations concerning thesis form and examination process apply. A successful dissertation demonstrates an original contribution to a field of study. The expected standard of work is that of peer-reviewed work by accomplished scholars in
their specialization. Candidates are encouraged to consider the professional and career implications of this major scholarly work.

Students who are working on their PhD dissertation will enrol in the following course.

IAT 899 - PhD Dissertation (6)

PhD candidate status is neither required for, nor implied by, enrolment in this course.

Academic Requirements within the Graduate General Regulations

All graduate students must satisfy the academic requirements that are specified in the Graduate General Regulations, as well as the specific requirements for the program in which they are enrolled.
Interactive Arts and Technology

DOCTOR OF PHILOSOPHY

Description of Program
This program offers a doctor of philosophy (PhD) degree in art, design, media and information technology with particular expertise in the computational and interactive aspects of art, design, new media learning, business, computer games, cognition, performing arts, social science and cultural studies. The program is geared toward students who wish to learn about technology and how it is made and used.

The program has the quadruple objectives of: first, research and development of new computational technology in the context of complex human organizations and situations; second, research into the acts of designing, making, and managing technology; third, inquiry into and use of research methodologies that enable interdisciplinary collaboration and the development of new technologies; and fourth, application of new technologies in society and industry, particularly in creative areas of art, design, games and media.

Admission Requirements
There will be annual admission with the possibility of early or out-of-cycle admissions in special cases.

Applicants must satisfy the University admission requirements as stated in Graduate General Regulations 1.3 in the SFU Calendar.

The school aims to admit students with diverse backgrounds, across the broad areas in which our faculty have disciplinary expertise. The following admission requirements encourage such diversity while setting minimum standards for acceptance into the program.

Minimum Standard Entrance Requirements

- a graduate degree in a field related to the proposed program of study, e.g. MSc computer science, MASc engineering (electrical, communications, computer engineering), MA or MSc in education, management, or economics, communications, MFA in art, design or performing arts, MA in art, art history, architecture, linguistics, psychology or philosophy, MArch, MLArch
  - OR a graduate degree in another, related discipline. Applicants are required to establish the relationship between the discipline in which they hold their previous degree or degrees and this program and explain how they would benefit from this program.
  - OR an undergraduate degree in one of the two categories above. Applicants are required to demonstrate both high academic standing (3.5 GPA or better at a Canadian university, or equivalent), for the undergraduate degree, and evidence of research aptitude and accomplishment.
- a minimum cumulative GPA of 3.0 or better at a Canadian university, or equivalent, for the master's degree.
- three reference letters each from a suitably qualified person.

Portfolio/Interview
Candidates who are considered for admission may be required to submit a work portfolio and/or be required to attend a personal or telephone interview during the latter stages of the admission process.
REVISED
CALENDAR ENTRY

Program Requirements
This program consists of courses, two terms of a research colloquium, a comprehensive examination and a thesis. Students complete a minimum of 12 course units, of which 6 units must normally be SIAT graduate courses. For students with a non-SIAT master's, 9 units must normally be SIAT graduate courses.

Students complete two of
IAT 803 – Science, Technology, Society and Culture (3)
IAT 804 – Foundations of Research Design (3)
IAT 806 – Interdisciplinary Design Approaches to Computing (3)

and six graduate units from SIAT graduate courses*

and two terms of research colloquium
IAT 805 - Research Colloquium (0)

and a comprehensive examination
IAT 890 - PhD Comprehensive Exam

and a thesis
IAT 899 - PhD Thesis (6)

*Subject to supervisory committee approval and graduate program committee approval, students may fulfill this requirement through other appropriate graduate courses at Simon Fraser University or elsewhere (the latter subject to Simon Fraser University rules on external courses). Only one directed reading can be counted towards the program requirements

Program Length
Students are expected to complete the program requirements 12 to 15 terms.

Other Information
Advising and Supervision
Students entering the program will be assigned an interim advisor. The interim advisor has two main tasks: advising the student on issues related to study within the program and assisting the student in identifying and approaching potential senior supervisors. There is no requirement that the interim advisor has a role in supervision once the senior supervisor is approved. Student supervision will comply with graduate general regulations section 1.6 Supervision. The normal size of supervisory committees is two members.

Directed Readings
Directed readings should be distinct from work undertaken toward the thesis. Students should not expect to complete a directed readings course when a substantively comparable Simon Fraser University course exists. Normally, a directed readings course may not be taken from the student's senior supervisor(s).

Comprehensive Examination
The comprehensive examination tests for achievement in interdisciplinarity, breadth of knowledge, depth of knowledge, topic focus and scholarly skill.

With supervisory committee consent, students may write the comprehensive examination following completion of required course work. Upon passing, the student is admitted to full degree candidacy. The examination may be retaken once.

As part of the preparation to undertake the comprehensive examination, the student submits, to the supervisory committee, a comprehensive annotated bibliography of readings used throughout course work,
and readings related to the proposed thesis topic. The senior supervisor will inform the graduate program committee of the supervisory committee's consent to write the examination and will provide a copy of the annotated bibliography.

Upon receipt of this from the senior supervisor, the graduate program committee will form an examination committee comprising the supervisory committee, the graduate program chair or designate, and one other member of faculty in the School who is eligible to act as a senior supervisor. The graduate program chair or designate shall chair the examination committee.

The examination will have three sections: the first tests breadth of knowledge within the course of study; the second tests for knowledge of the proposed thesis topic; the third tests for knowledge of and skill with pertinent research methodology. At least two of the sections will have a required archival component. The exam will have an oral component that will test for all three sections.

The examining committee will refer to the bibliography when preparing the exam. The exam process should not exceed one term from the date of notification to the graduate program committee of the consent to write the examination. This may be longer should a student be required to retake the examination. Specific guidelines for these examinations are available from the graduate program assistant.

**PhD Proposal**
The program requires a thesis proposal aimed at collegial review of the proposed work, development of research formulation and presentation skills, and approval of the thesis work by the supervisory committee and the graduate program chair.

The approval of the graduate program chair is largely for oversight issues, for example, required ethics clearances. The thesis proposal has two components: a research prospectus and a public event with timely notification given to the campus community.

**PhD Thesis**
PhD candidates produce and defend a thesis as part of degree requirements. All Simon Fraser University regulations concerning thesis form and examination process apply. A successful thesis demonstrates an original contribution to a field of study. The expected standard of work is that of peer-reviewed work by accomplished scholars in their specialization. Candidates are encouraged to consider the professional and career implications of this major scholarly work.

**Academic Requirements within the Graduate General Regulations**
All graduate students must satisfy the academic requirements that are specified in the Graduate General Regulations, as well as the specific requirements for the program in which they are enrolled.
## Calendar Entry Change for SIAT Master of Arts and Master of Science

<table>
<thead>
<tr>
<th>Table Title</th>
<th>Content</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Summary of change:</strong></td>
<td>Removing the list of SIAT electives as all SIAT courses may be used. Updating to standardized calendar format.</td>
</tr>
<tr>
<td><strong>Rationale for change:</strong></td>
<td>Mistakenly excluded during previous program change to the cohort model.</td>
</tr>
<tr>
<td><strong>Effective term and year:</strong></td>
<td>Summer 2018</td>
</tr>
<tr>
<td><strong>Will this change impact current students? If yes, what is the plan for current students?</strong></td>
<td>No</td>
</tr>
</tbody>
</table>
Please note:

To view the Summer 2017 Academic Calendar go to http://www.sfu.ca/students/calendar/2017/summer.html

School of Interactive Arts and Technology
Simon Fraser University Calendar | Fall 2017

Interactive Arts and Technology

MASTER OF ARTS

The master of arts (MA) is one of three degrees offered in SIAT in art, design, media and information technology with particular expertise in the interactive aspects of digital technology and media related to topics including art, design, learning, business, cognition, performing arts, social science and cultural studies. The program is geared toward students who wish to learn about interactive technologies and the implications of their design and use in a human-centred context. Methodological approaches in this degree are primarily drawn from traditions of inquiry in the social sciences, humanities and artistic disciplines.

The program has the following objectives: research into the acts of designing, making, and managing technology; inquiry into and use of research methodologies that enable interdisciplinary collaboration and the development of new technologies; and application of new technologies in society and industry, particularly in creative areas of art, design and media.

Admission Requirements

There will be annual admission with the possibility of early or out-of-cycle admissions in special cases.

The minimum standards will be those of Simon Fraser University, as described in the Graduate General Regulations (page 219), augmented by the following specific requirements.

The school aims to admit students with diverse backgrounds, across the broad areas in which our faculty have disciplinary expertise. The following admission requirements encourage such diversity while setting minimum standards for acceptance into the program.

Students will be admitted to study for either the master of arts (MA) or master of science (MSc) degree. Students may articulate between the MA and MSc degrees by meeting the admission and program requirements of the degree to which they articulate and with the approval of the graduate program committee. A student may make one application for articulation.
Minimum Standard Entrance Requirements

an undergraduate degree in a field related to the proposed program of study. For example: BSc computer science, BASc engineering (electrical, communications, computer engineering), BA or BSc in education, management, economics or communications, BFA in art, design or performing arts, BA in art, art history, architecture, linguistics, psychology or philosophy, BArch, BLArch, BID.

OR an undergraduate degree in a field related to the proposed program of study in another, related discipline. In this instance, applicants must establish the relationship between the discipline in which they hold their previous degree(s) and this program, and explain how they would benefit from this program.

a minimum cumulative GPA of 3.0 or better at a Canadian university, or equivalent, for the undergraduate degree.

two reference letters from suitably qualified persons.

Additional Admission Requirements

English Language Competence

English is the language of instruction and communication at the University. Accordingly, an applicant whose primary language is not English must demonstrate command of English sufficient to pursue graduate studies in the chosen field. Please refer to the Graduate General Regulations (1.3.12 English Language Competence) for minimum language requirements and further information.

Portfolio/Interview

Candidates who are considered for admission may be required to submit a work portfolio and/or be required to attend a personal or telephone interview during the latter stages of the admission process.

Advising and Supervision

Students entering the program will be assigned an interim advisor. The interim advisor has two main tasks: advising the student on issues related to study within the program and assisting the student in identifying and approaching potential senior supervisors. There is no requirement that the interim advisor has a role in supervision once the senior supervisor is approved. Student supervision will comply with graduate general regulations section 1.6 Supervision.

The normal size of supervisory committees is two members.

Program Requirements

Students complete a minimum of 30 units, consisting of 15 units of course work, of which 12 must normally be SIAT graduate course units. The 12 SIAT units may not include Directed Readings.

Course Requirements

Students complete
IAT 803 - Science, Technology & Culture (3)
IAT 804 - Foundations of Research Design for Human-Centred Design of Interactive Technologies (3)
IAT 806 - Interdisciplinary Design Approaches to Computing (3)

The remaining course units can be fulfilled by completing a SIAT graduate elective, special topics or a directed readings course.

**SIAT Elective Courses**

IAT 832 - Exploring Interactivity (3)
IAT 833 - Performance, Technology and Embodiment (3)
IAT 834 - Mixed Methods in Design Research (3)
IAT 835 - Sustainable Interaction Design (3)
IAT 842 - Theory and Design of Games (3)
IAT 844 - Spatial Computing (3)
IAT 846 - Interactive Systems for Design (3)
IAT 847 - Metacreation: Endowing Machines with Creative Behaviours (3)
IAT 881 - Special Topics I (3)
IAT 882 - Special Topics II (3)
IAT 883 - Special Topics III (3)
IAT 884 - Special Topics IV (3)
IAT 885 - Special Topics V (3)
IAT 886 - Special Topics VI (3)
IAT 887 - Special Topics VII (3)
IAT 888 - Special Topics VIII (3)

**External Courses**

Subject to supervisory committee approval and graduate program committee approval, students may fulfill the remaining course requirements through other appropriate graduate courses at Simon Fraser University or elsewhere (the latter subject to Simon Fraser University rules on external courses).

**Directed Readings**

Directed readings should be distinct from work undertaken toward the thesis, and only one can be counted towards the program requirements. Students should not expect to complete a directed readings course when a substantively comparable Simon Fraser University course exists. Directed readings courses, even if led by SIAT faculty, may not be counted as part of the minimum 12 SIAT units. Normally, a directed readings course may not be taken from the student’s senior supervisor(s).

IAT 871 - Directed Readings I (3)

**Research Colloquium**

The research colloquium is an important part of the program. Students present in one seminar and are required to register in the following colloquium course for at least two academic terms.
Thesis

Students produce and defend a thesis as part of the degree requirements.

Students who are working on their master of arts thesis enrol in the following course. This course will not count toward the course work requirements.

IAT 897 - MA Thesis (15)

Academic Requirements within the Graduate General Regulations

All graduate students must satisfy the academic requirements that are specified in the Graduate General Regulations, as well as the specific requirements for the program in which they are enrolled.
Description of Program
The master of arts (MA) is one of three degrees offered in SIAT in art, design, media and information technology with particular expertise in the interactive aspects of digital technology and media related to topics including art, design, learning, business, cognition, performing arts, social science and cultural studies. The program is geared toward students who wish to learn about interactive technologies and the implications of their design and use in a human-centred context. Methodological approaches in this degree are primarily drawn from traditions of inquiry in the social sciences, humanities and artistic disciplines.

The program has the following objectives: research into the acts of designing, making, and managing technology; inquiry into and use of research methodologies that enable interdisciplinary collaboration and the development of new technologies; and application of new technologies in society and industry, particularly in creative areas of art, design and media.

Admission Requirements
There will be annual admission with the possibility of early or out-of-cycle admissions in special cases.

Applicants must satisfy the University admission requirements as stated in Graduate General Regulations 1.3 in the SFU Calendar. The school aims to admit students with diverse backgrounds, across the broad areas in which our faculty have disciplinary expertise. The following admission requirements encourage such diversity while setting minimum standards for acceptance into the program.

Students will be admitted to study for either the master of arts (MA) or master of science (MSc) degree. Students may articulate between the MA and MSc degrees by meeting the admission and program requirements of the degree to which they articulate and with the approval of the graduate program committee. A student may make one application for articulation.

Minimum Standard Entrance Requirements

- an undergraduate degree in a field related to the proposed program of study. For example: BSc computer science, BASc engineering (electrical, communications, computer engineering), BA or BSc in education, management, economics or communications, BFA in art, design or performing arts, BA in art, art history, architecture, linguistics, psychology or philosophy, BArch, BLArch, BID.
  - OR an undergraduate degree in a field related to the proposed program of study in another, related discipline. In this instance, applicants must establish the relationship between the discipline in which they hold their previous degree(s) and this program, and explain how they would benefit from this program.
- a minimum cumulative GPA of 3.0 or better at a Canadian university, or equivalent, for the undergraduate degree.
- two reference letters from suitably qualified persons.

Portfolio/Interview
Candidates who are considered for admission may be required to submit a work portfolio and/or be required to attend a personal or telephone interview during the latter stages of the admission process.
Program Requirements
This program consists of courses, two terms of a research colloquium and a thesis. Students complete a minimum of 30 units, consisting of 15 units of course work, of which 12 must normally be SIAT graduate course units.

Students must complete
IAT 803 – Science, Technology, Society and Culture (3)
IAT 804 – Foundations of Research Design (3)
IAT 806 – Interdisciplinary Design Approaches to Computing (3)

and six graduate units from SIAT graduate courses*

and two academic terms of research colloquium
IAT 805 - Research Colloquium (0)

and a thesis
IAT 897 - MA Thesis (15)

*Subject to supervisory committee approval and graduate program committee approval, students may fulfill this requirement through other appropriate graduate courses at Simon Fraser University or elsewhere (the latter subject to Simon Fraser University rules on external courses). Only one directed reading can be counted towards the program requirements.

Program Length
Students are expected to complete the program requirements six terms.

Other Information
Advising and Supervision
Students entering the program will be assigned an interim advisor. The interim advisor has two main tasks: advising the student on issues related to study within the program and assisting the student in identifying and approaching potential senior supervisors. There is no requirement that the interim advisor has a role in supervision once the senior supervisor is approved. Student supervision will comply with graduate general regulations section 1.6 Supervision. The normal size of supervisory committees is two members.

Directed Readings
Directed readings should be distinct from work undertaken toward the thesis. Students should not expect to complete a directed readings course when a substantively comparable Simon Fraser University course exists. Normally, a directed readings course may not be taken from the student's senior supervisor(s).

Academic Requirements within the Graduate General Regulations
All graduate students must satisfy the academic requirements that are specified in the Graduate General Regulations, as well as the specific requirements for the program in which they are enrolled.
Please note:

To view the Summer 2017 Academic Calendar go to http://www.sfu.ca/students/calendar/2017/summer.html

School of Interactive Arts and Technology
Simon Fraser University Calendar | Fall 2017

Interactive Arts and Technology

MASTER OF SCIENCE

The master of science (MSc) is one of the three degrees offered in SIAT in art, design, media and information technology with particular expertise in the computational aspects of how humans interact with technologies and systems related to areas including art, design, new media learning, business, cognition, performing arts, social science and cultural studies. The program is geared toward students who wish to learn about designing, making and using human-centred technologies. Methodological approaches in this degree are primarily drawn from scientific, computational, design and engineering traditions of inquiry.

The program has the following objectives: research and development of new computational technology in the context of complex human organizations and situations; research into the process of creating and managing technology; inquiry into and use of research methodologies that enable interdisciplinary collaboration and the development of new technologies; and research into the application of new digital technologies in society and industry, particularly related to improving human-technology interaction.

Admission Requirements

There will be annual admission with the possibility of early or out-of-cycle admissions in special cases.

The minimum standards will be those of Simon Fraser University, as described in the Graduate General Regulations (page 219), augmented by the following specific requirements.

The school aims to admit students with diverse backgrounds, across the broad areas in which our faculty have disciplinary expertise. The following admission requirements encourage such diversity while setting minimum standards for acceptance into the program.

Students will be admitted to study for either the master of arts (MA) or master of science (MSc) degree. Students may articulate between the MA and MSc degrees by meeting the admission and program requirements of the degree to which
they articulate and with the approval of the graduate program committee. A student may make one application for articulation.

**Minimum Standard Entrance Requirements**

an undergraduate degree in a field related to the proposed program of study. For example: BSc computer science, BASc engineering (electrical, communications, computer engineering), BA or BSc in education, management, economics or communications, BFA in art, design or performing arts, BA in art, art history, architecture, linguistics, psychology or philosophy, BArch, BLArch, BID.

OR an undergraduate degree in another, related discipline. In this instance, applicants must establish the relationship between the discipline in which they hold their previous degree(s) and this program, and explain how they would benefit from this program.

for applicants to this MSc program, a record of substantial university course work in scientific and/or technological areas.

a minimum cumulative GPA of 3.0 or better at a Canadian university, or equivalent, for the undergraduate degree.

two reference letters from suitably qualified persons.

**Additional Admission Requirements**

**English Language Competence**

English is the language of instruction and communication at the University. Accordingly, an applicant whose primary language is not English must demonstrate command of English sufficient to pursue graduate studies in the chosen field. Please refer to the Graduate General Regulations for minimum language requirements and further information.

**Portfolio/Interview**

Candidates who are considered for admission may be required to submit a work portfolio and/or be required to attend a personal or telephone interview during the latter stages of the admission process.

**Advising and Supervision**

Students entering the program will be assigned an interim advisor. The interim advisor has two main tasks: advising the student on issues related to study within the program and assisting the student in identifying and approaching potential senior supervisors. There is no requirement that the interim advisor has a role in supervision once the senior supervisor is approved. Student supervision will comply with graduate general regulations section 1.6 Supervision.

The normal size of supervisory committees is two members.

**Program Requirements**

Students complete a minimum of 30 units, consisting of 15 units of course work, of which 12 must normally be SIAT graduate course units. The 12 SIAT units may not include Directed Readings.
Course Requirements

Students complete

IAT 803 - Science, Technology & Culture (3)
IAT 804 - Foundations of Research Design for Human-Centred Design of Interactive Technologies (3)
IAT 806 - Interdisciplinary Design Approaches to Computing (3)

The remaining course units can be fulfilled by completing a SIAT graduate elective, special topics or a directed readings course.

SIAT Elective Courses

IAT 832 - Exploring Interactivity (3)
IAT 833 - Performance, Technology and Embodiment (3)
IAT 834 - Mixed Methods in Design Research (3)
IAT 835 - Sustainable Interaction Design (3)
IAT 842 - Theory and Design of Games (3)
IAT 844 - Spatial Computing (3)
IAT 846 - Interactive Systems for Design (3)
IAT 847 - Metacreation: Endowing Machines with Creative Behaviours (3)
IAT 881 - Special Topics I (3)
IAT 882 - Special Topics II (3)
IAT 883 - Special Topics III (3)
IAT 884 - Special Topics IV (3)
IAT 885 - Special Topics V (3)
IAT 886 - Special Topics VI (3)
IAT 887 - Special Topics VII (3)
IAT 888 - Special Topics VIII (3)

External Courses

Subject to supervisory committee approval and graduate program committee approval, students may fulfill the remaining course requirements through other appropriate graduate courses at Simon Fraser University or elsewhere (the latter subject to Simon Fraser University rules on external courses).

Directed Readings

Directed readings should be distinct from work undertaken toward the thesis, and only one can be counted towards the program requirements. Students should not expect to complete a directed readings course when a substantively comparable Simon Fraser University course exists. Directed readings courses, even if led by SIAT faculty, may not be counted as part of the minimum 12 SIAT units. Normally a directed readings course may not be taken from the student's senior supervisor(s).

IAT 871 - Directed Readings I (3)
Research Colloquium

The research colloquium is an important part of the program. Students present in one seminar and are required to register in the following colloquium course for at least two academic terms.

IAT 805 - Research Colloquium (0)

Thesis

Students produce and defend a thesis as part of the degree requirements.

Students who are working on their master of science thesis will enrol in the following course. This course will not count towards the course work requirements.

IAT 898 - MSc Thesis (15)

Academic Requirements within the Graduate General Regulations

All graduate students must satisfy the academic requirements that are specified in the Graduate General Regulations, as well as the specific requirements for the program in which they are enrolled.
Interactive Arts and Technology
MASTER OF SCIENCE

Description of Program
The master of science (MSc) is one of the three degrees offered in SIAT in art, design, media and information technology with particular expertise in the computational aspects of how humans interact with technologies and systems related to areas including art, design, new media learning, business, cognition, performing arts, social science and cultural studies. The program is geared toward students who wish to learn about designing, making and using human-centred technologies. Methodological approaches in this degree are primarily drawn from scientific, computational, design and engineering traditions of inquiry.

The program has the following objectives: research and development of new computational technology in the context of complex human organizations and situations; research into the process of creating and managing technology; inquiry into and use of research methodologies that enable interdisciplinary collaboration and the development of new technologies; and research into the application of new digital technologies in society and industry, particularly related to improving human-technology interaction.

Admission Requirements
There will be annual admission with the possibility of early or out-of-cycle admissions in special cases.

Applicants must satisfy the University admission requirements as stated in Graduate General Regulations 1.3 in the SFU Calendar. The school aims to admit students with diverse backgrounds, across the broad areas in which our faculty have disciplinary expertise. The following admission requirements encourage such diversity while setting minimum standards for acceptance into the program.

Students will be admitted to study for either the master of arts (MA) or master of science (MSc) degree. Students may articulate between the MA and MSc degrees by meeting the admission and program requirements of the degree to which they articulate and with the approval of the graduate program committee. A student may make one application for articulation.

Minimum Standard Entrance Requirements
• an undergraduate degree in a field related to the proposed program of study. For example: BSc computer science, BEng engineering (electrical, communications, computer engineering), BA or BSc in education, management, economics or communications. BFA in art, design or performing arts, BA in art, art history, architecture, linguistics, psychology or philosophy, BArch, BArch, BID.
  o OR an undergraduate degree in another, related discipline. In this instance, applicants must establish the relationship between the discipline in which they hold their previous degree(s) and this program, and explain how they would benefit from this program.
• for applicants to this MSc program, a record of substantial university course work in scientific and/or technological areas.
• a minimum cumulative GPA of 3.0 or better at a Canadian university, or equivalent, for the undergraduate degree.
• two reference letters from suitably qualified persons.

Portfolio/Interview
Candidates who are considered for admission may be required to submit a work portfolio and/or be required to attend a personal or telephone interview during the latter stages of the admission process.
Program Requirements
This program consists of courses, two terms of a research colloquium and a thesis. Students complete a minimum of 30 units, consisting of 15 units of course work, of which 12 must normally be SIAT graduate course units.

Students must complete
IAT 803 – Science, Technology, Society and Culture (3)
IAT 804 – Foundations of Research Design (3)
IAT 806 – Interdisciplinary Design Approaches to Computing (3)

and six graduate units from SIAT graduate courses*

and two academic terms of research colloquium
IAT 805 - Research Colloquium (0)

and a thesis
IAT 897 - MA Thesis (15)

*Subject to supervisory committee approval and graduate program committee approval, students may fulfill this requirement through other appropriate graduate courses at Simon Fraser University or elsewhere (the latter subject to Simon Fraser University rules on external courses). Only one directed reading can be counted towards the program requirements

Program Length
Students are expected to complete the program requirement six terms.

Other Information
Advising and Supervision
Students entering the program will be assigned an interim advisor. The interim advisor has two main tasks: advising the student on issues related to study within the program and assisting the student in identifying and approaching potential senior supervisors. There is no requirement that the interim advisor has a role in supervision once the senior supervisor is approved. Student supervision will comply with graduate general regulations section 1.6 Supervision. The normal size of supervisory committees is two members.

Directed Readings
Directed readings should be distinct from work undertaken toward the thesis. Students should not expect to complete a directed readings course when a substantively comparable Simon Fraser University course exists. Normally, a directed readings course may not be taken from the student's senior supervisor(s).

Academic Requirements within the Graduate General Regulations
All graduate students must satisfy the academic requirements that are specified in the Graduate General Regulations, as well as the specific requirements for the program in which they are enrolled.
To: Senate

From: Jo Hinchliffe, Secretary
Senate Nominating Committee

Date: September 15, 2017

Subject: Senate Committee Elections

This is a summary of the nominations received and outstanding vacancies for Senate committees.

All nominations must be received by the Senate Office from the Nominating Committee in time to be included in the documentation sent out for the next Senate meeting. Senators will be informed that further nominations may be made by individual members of Senate. Any such nominations must reach the Committee Secretary the Friday before the meeting of Senate, and no further nominations will be accepted after this time. The Committee Secretary will provide members of Senate at the Senate meeting with such further nominations as may have been received. Oral nominations during the meeting of Senate will not then be allowed.

If only one nomination is received for a position, the position will be elected by acclamation. If more than one nomination is received for a position, online voting will be held during the week following the Senate meeting on Monday, October 2, 2017. An email will be sent to all Senators with information about the candidates and a link to the online voting system. Voting will be permitted for 48 hours and election results will be released within three days of the end of voting.

<table>
<thead>
<tr>
<th>COMMITTEE</th>
<th>POSITION</th>
<th>TERM (from June 1, 2017)</th>
<th>NOMINATIONS RECEIVED (after September Senate elections)</th>
<th>CANDIDATES ELECTED (from September Senate meeting)</th>
</tr>
</thead>
<tbody>
<tr>
<td>DQAC</td>
<td>Undergraduate Student</td>
<td>1 year</td>
<td></td>
<td></td>
</tr>
<tr>
<td>REB</td>
<td>Member, not affiliated with the University</td>
<td>2 years</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SAB</td>
<td>Graduate Student (Alternate)</td>
<td>1 year</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SCAR</td>
<td>Student Senator (Alternate)</td>
<td>1 year</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SCCS</td>
<td>Senator (at-large)</td>
<td>2 years</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Member of the University Community (at-large)</td>
<td>2 years</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SCEMP</td>
<td>Graduate Student (at-large)</td>
<td>1 year</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SCIA</td>
<td>Faculty Member (FAS)</td>
<td>2 years</td>
<td>Bonnie Gray</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Faculty Member (FASS)</td>
<td>2 years</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Faculty Member (FCAT)</td>
<td>2 years</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SCUH</td>
<td>Faculty Senator (FAS)</td>
<td>1 year</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Faculty Senator (EDUC)</td>
<td>1 year</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Faculty Senator (FENV)</td>
<td>3 years</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>Faculty Senator (HSCI)</td>
<td>3 years</td>
<td></td>
<td></td>
</tr>
<tr>
<td>SCUP</td>
<td>Faculty Senator (HSCI)</td>
<td>2 years</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Committee</td>
<td>Role</td>
<td>Term</td>
<td></td>
<td></td>
</tr>
<tr>
<td>-----------</td>
<td>------</td>
<td>------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Undergraduate Student Senator (Alternate)</td>
<td>1 year</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Student Senator</td>
<td>1 year</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Graduate Student Senator (Alternate)</td>
<td>1 year</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SCUTL</strong></td>
<td>Faculty Member (FCAT)</td>
<td>1 year</td>
<td>Daniel Ahadi</td>
<td></td>
</tr>
<tr>
<td>SNC</td>
<td>Faculty Senator (FCAT)</td>
<td>2 years</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Faculty Senator (EDUC)</td>
<td>1 year</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Faculty Senator (HSCI)</td>
<td>2 years</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Faculty Senator (SCI)</td>
<td>2 years</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td><strong>SPCSAB</strong></td>
<td>Faculty Senator</td>
<td>3 years</td>
<td>Michael Parent</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Faculty Senator</td>
<td>1 year</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

* SCIA Faculty members: *In the event that the Faculty Member is unable to attend, the Faculty Dean is authorized to appoint an alternate replacement.*

CC Calendar Committee
DQAC Diverse Qualifications Adjudication Committee
ESC Electoral Standing Committee
LPAC Library Penalties Appeal Committee
REB Research Ethics Board
SAB Senate Appeals Board
SCAR Senate Committee on Agenda and Rules
SCCS Senate Committee on Continuing Studies
SCEMP Senate Committee on Enrolment Management and Planning
SCIA Senate Committee on International Activities
SCODA Senate Committee on Disciplinary Appeals
SCUH Senate Committee on University Honours
SCUP Senate Committee on University Priorities
SCUS Senate Committee on Undergraduate Studies
SCUTL Senate Committee on University Teaching and Learning
SGAAC Senate Graduate Awards Adjudication Committee
SGSC Senate Graduate Studies Committee
SLC Senate Library Committee
SNC Senate Nominating Committee
SPCSAB Senate Policy Committee on Scholarships, Awards & Bursaries
SUAAC Senate Undergraduate Awards Adjudication Committee