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**MEMORANDUM**

ATTENTION Senate

DATE September 11, 2017

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

RE: Program Changes



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**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 MSc



SIMON FRASER UNIVERSITY  
ENGAGING THE WORLD

**School of Public Policy**

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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](http://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](http://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)

PLCY 824 - Analysis, Formulation, and Evaluation of Social Policy (5)

PLCY 825 - MPP Directed Readings I (5)

PLCY 826 - Directed Readings II (5)

PLCY 827 - Managing Compliance: Delivering Policy (5)

PLCY 828 - Multiple Account Benefit-Cost Analysis (5)

PLCY 829 - Environmental Policy (5)

## 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.

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REVISED  
CALENDAR ENTRY

## 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.

REVISED  
CALENDAR ENTRY

## 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.



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MEMORANDUM

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

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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.

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

cc: Bernhard Riecke, Graduate Program Chair, SIAT

/encl

ZD/ld



School of Interactive Arts and Technology  
Simon Fraser University Surrey

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 899~~
4. a revision of the PhD degree calendar entry to include the above three changes

## Calendar Entry Change for SIAT Doctor of Philosophy

**Summary of change:**

Adding a new place holder 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.

**Rationale for change:**

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.

**Effective term and year:**

Summer 2018

**Will this change impact current students? If yes, what is the plan for current students?**

No



SIMON FRASER UNIVERSITY  
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STUDENT SERVICES  
Fall Calendar

**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, MSc 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.

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REVISED  
CALENDAR ENTRY

## **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,

## REVISED CALENDAR ENTRY

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**

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



**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.

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 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.

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REVISED  
CALENDAR ENTRY

## Interactive Arts and Technology

### MASTER OF ARTS

### 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.



## REVISED CALENDAR ENTRY

### 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.



SIMON FRASER UNIVERSITY  
ENGAGING THE WORLD

STUDENT SERVICES  
Fall Calendar

**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.

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REVISED  
CALENDAR ENTRY

## 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.

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

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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**

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