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MEMORANDUM

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

DATE March 16, 2017

For information:

Acting under delegated authority at its meeting of March 6, 2017 SGSC approved the following curriculum revisions effective **Fall 2017**:

Faculty of Applied Sciences

- 1) Engineering Science MSc, MEng and PhD

Faculty of Arts and Social Sciences

- 2) Gerontology MA and PhD
- 3) English MA and PhD
- 4) Political Science MA

Faculty of Communication, Art and Technology

- 5) Interactive Arts and Technology MA, MSc and PhD

Faculty of Education

- 6) Educational Technology and Learning Design MA

Faculty of Environment

- 7) Archaeology MA and PhD

Faculty of Science

- 8) Chemistry Graduate Co-operative Education Program (calendar deletion)
- 9) Chemistry MSc and PhD

Calendar Entry Change for Master of Applied Science (MASc) in the School of Engineering Science

Summary of change:

Clarification of the admission and program requirements for the MASc degree in the School of Engineering Science, as well as correction of minor typographical errors. Removal of the section on "Graduate Research Internship" since it has been superseded by Graduate Co-op.

Rationale for change:

Clarification of the admission and program requirements for the MASc degree in the School of Engineering Science, as well as correction of minor typographical errors. Removal of the section on "Graduate Research Internship" since it has been superseded by Graduate Co-op.

Effective term and year: Fall 2017

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

There is no impact on current students, this is only a clarification of the admission and program requirements.



Please note:

To view the Spring 2017 Academic Calendar go to <http://www.sfu.ca/students/calendar/2017/spring.html>

School of Engineering Science
Simon Fraser University Calendar | Summer 2017

Engineering Science

MASTER OF APPLIED SCIENCE

The master of applied science (MASc) is a research program with primary emphasis on the thesis rather than course work, is more exploratory than the master of engineering (MEng) program, and covers a greater range of study.

Admission Requirements

The normal admission requirement is a bachelor's degree in electrical engineering, computer engineering, engineering science or a related area, with a 3.0 cumulative grade point average (CGPA) (B grade) from a recognized university, or equivalent.

Students currently enrolled in the BAsC program at SFU may be eligible for the concurrent admission to the BAsC/MASc program, provided their CGPA is at least 3.67/4.33 after completing at least 90 credits. Contact the Graduate Program Chair for further details.

Course Requirements

Students complete a total of 30 units consisting of a minimum of 12 units of courses, and a thesis equal to 18 units. The courses will normally be selected, in consultation with the senior supervisor. ENSC 820 may not be used towards the MASc course requirements. At least six units must be ENSC graduate courses. At most three units may be directed studies or ENSC 701- Graduate Co-Op Practicum I (3).

Additional courses may be required to correct deficiencies in the student's background.

If the subject matter of a required course has been previously completed with graduate credit, the course may not be completed again for credit.

NOTE: SFU students enrolled concurrently in a bachelor's degree program and a master's degree program within School of Engineering Science, Faculty of Applied Science, may apply a maximum of 10 graduate course units, taken while completing the bachelor's degree, towards the upper division undergraduate electives of the bachelor's program and the requirements of the master's degree. For more information, please contact the Engineering Science Graduate Program Committee Chair.

Thesis

The thesis is based on an independent project with a significant research component. The student defends the thesis in an exam, in accordance with regulations. See Graduate General Regulations for more requirements.

The student's progress will be reviewed every 12 months by a supervisory committee of two or more faculty members. At each annual review, the student presents a summary of his/her work to date. Students not making satisfactory progress in their research topics, or failing to demonstrate satisfactory knowledge and understanding of recent publications in their general area of research, may be required to withdraw as per section 1.8.2 Review of Unsatisfactory Progress of the graduate general regulations.

Graduate Research Internship

With the supervisory committee's approval, students may do research internship in industry. The responsibility for finding a suitable internship rests with the student, though the senior supervisor will provide guidance. In addition to satisfying degree requirements, students must satisfy the following conditions.

Proposal

The proposal for the research internship must be approved by the supervisory committee and by the graduate program committee. The proposal must include the following.

- justification for undertaking the work in industry
- agreement regarding intellectual property and publications
- funding arrangement

On-campus Presence

During the internship, the student must spend at least one day per week (or equivalent as approved by the graduate program committee) on campus to meet with his/her supervisor and attend regular seminars. This is in addition to time spent on campus for course work.

Oral Presentations

At least two supervisory committee oral presentations (not including thesis defence) on the progress of the student's work will be given during the internship.

Duration

The duration of the internship will not exceed two terms.

Failure to Comply

See graduate general regulation 1.8 for information.

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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Engineering Science

MASTER OF APPLIED SCIENCE

Description of Program

The Master of Applied Science (MAsc) in engineering science is a research program that has a primary emphasis on the thesis rather than course work, is more exploratory than the Master of Engineering (MEng) program, and covers a greater range of study.

Admission Requirements

Applicants must satisfy the University admission requirements as stated in Graduate General Regulations 1.3 in the SFU Calendar and have a bachelor's degree in electrical engineering, computer engineering, engineering science, or a related area, with a 3.0 cumulative grade point average (B average) from a recognized university, or equivalent.

Transfer from MEng to MAsc program

A transfer from the MEng to the Master of Applied Science (MAsc) program will be considered if the student meets all the admission requirements of the MAsc program, and if the proposed Senior Supervisor can provide financial support that meets the school's minimum requirement for MAsc students.

Program Requirements

This program consists of course work and a thesis for a minimum of 30 units. The courses will normally be selected in consultation with the senior supervisor. ENSC 820 may not be used towards the MAsc course requirements. Additional courses may be required to correct deficiencies in the student's background. If the subject matter of a required course has been previously completed for credit, the course may not be completed again for credit.

Students must complete

a minimum of six units of ENSC graduate courses (excluding ENSC 701, ENSC 702, ENSC 703, ENSC 803, ENSC 820, ENSC 891, ENSC 892, ENSC 896, ENSC 897, ENSC 898, ENSC 899)

and a minimum of six units of additional graduate courses (at most three units may be directed studies or graduate co-op)

and a thesis

ENSC 898 – MAsc Thesis (18)

NOTE: SFU students enrolled concurrently in a bachelor's degree program and a master's degree program within School of Engineering Science, Faculty of Applied Science, may apply a maximum of 10 graduate course units, taken while completing the bachelor's degree, towards the upper division undergraduate electives of the bachelor's program and the requirements of the master's degree. For more information, please contact the Engineering Science Graduate Program Committee Chair.

Thesis

The thesis is based on an independent project with a significant research component. The student defends the thesis in an exam, in accordance with regulations. See the Graduate General Regulations for details.

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Annual Progress

The student's progress will be reviewed every 12 months by a supervisory committee of two or more faculty members. At each annual review, the student presents a summary of his/her work to date. Students not making satisfactory progress in their research topics, or failing to demonstrate satisfactory knowledge and understanding of recent publications in their general area of research, may be required to withdraw as per section 1.8.2 Review of Unsatisfactory Progress of the Graduate General Regulations.

Program Length

Students are expected to complete the program requirements in six terms.

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 Master of Engineering (MEng) in the School of Engineering Science

Summary of change:

Clarification of the admission and program requirements for the MEng degree in the School of Engineering Science.

Rationale for change:

Clarification of the admission and program requirements for the MEng degree in the School of Engineering Science.

Effective term and year: Fall 2017

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

There is no impact on current students, this is only a clarification of the admission and program requirements.

Please note:

To view the Spring 2017 Academic Calendar go to <http://www.sfu.ca/students/calendar/2017/spring.html>

School of Engineering Science
Simon Fraser University Calendar | Summer 2017

Engineering Science

MASTER OF ENGINEERING

The school offers a Master of Engineering (MEng) program. Students in the MEng program are ineligible for university financial support except for the TA. MEng students have lower TA priority than PhD and MAsc students from the School of Engineering Science.

Admission Requirements

The admission requirement is a bachelor's degree in electrical engineering, computer engineering, biomedical engineering, engineering science or a related area, with a 3.0 cumulative grade point average (CGPA) (B grade) from a recognized university, or equivalent. International applicants must meet the university's requirement on English proficiency.

Program Requirements

Students complete a minimum of 30 units of coursework. The courses must include:

ENSC 820 - Engineering Management for Development Projects (3)

ENSC 870 - MEng Course Option Portfolio (0) *

Four ENSC graduate courses (not directed studies)

Elective Course Options

Beyond the core requirements for regular ENSC graduate courses listed above, the following courses can be used towards the remaining requirements:

ENSC 701 - Graduate Co-op Practicum I (3)

ENSC 702 - Graduate Co-op Practicum II (3)

ENSC 891 - Directed Studies I (3)

ENSC 892 - Directed Studies II (3)

ENSC 897 - MEng Project (6) *

Any ENSC graduate course

Any regular graduate course from other departments in the Faculty of Applied Sciences or the Faculty of Science - up to three such courses may be taken towards MEng requirements

International MEng students with a Study Permit should register for at least six units each term to maintain full-time status.

Project

*ENSC 897 is an elective course that can be completed instead of ENSC 870, in which case it replaces ENSC 870 as part of the program requirements. Students interested in doing a project should approach ENSC faculty members with matching interests. Availability of projects may depend on faculty member's interests and schedule, as well as student's prior academic performance. Students who find a faculty member willing to be their MEng project supervisor should register for the course ENSC 897-6 MEng Project. At the completion of the course, the student should submit a MEng project report and give an oral presentation to the supervisory committee. Students who do not complete ENSC 897-6 in one term must enroll in ENSC 896-6 (MEng Project Completion) in all subsequent terms until the project is complete, but only need to pay 50% of the tuition for the ENSC 896 credits.

Supervisory Committee

The Chair of the Graduate Program Committee is the default senior supervisor of all MEng students. When a faculty member agrees to supervise a MEng student for the student's ENSC 897-6 MEng Project course, the faculty member becomes the senior supervisor of the MEng student.

Transfer from MEng to MASC Program

Transfer from the MEng to the Master of Applied Science (MASC) program will be considered if the student meets all the admission requirements of the MASC program, and if the proposed senior supervisor can provide financial support that meets the School's minimum requirement for MASC students.

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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Engineering Science

MASTER OF ENGINEERING

Description of Program

The MEng program is a course-based Master's program that involves 30 credit hours of coursework at the graduate level. Students in the MEng program have the option to complete a MEng project, depending on the availability of the faculty members in the particular area. The project is documented by a technical report and presented to a committee that includes at least two faculty members.

Admission Requirements

Applicants must satisfy the University admission requirements as stated in Graduate General Regulations 1.3 in the SFU Calendar and have a bachelor's degree in electrical engineering, computer engineering, biomedical engineering, engineering science, or a related area, with a 3.0 cumulative grade point average (B average) from a recognized university, or equivalent. International applicants must also meet the university's requirement on English proficiency.

Program Requirements

This program consists of required courses and elective courses for a minimum of 30 units.

Students complete the following

ENSC 820 - Engineering Management for Development Projects (3)

ENSC 870 - MEng Course Option Portfolio (0) *

and 12 units of ENSC graduate courses (excluding ENSC 701, ENSC 702, ENSC 703, ENSC 803, ENSC 820, ENSC 891, ENSC 892, ENSC 896, ENSC 897, ENSC 898, ENSC 899)

and 15 units of graduate courses (any additional graduate courses from ENSC or up to 9 units from other departments in the Faculty of Applied Sciences or the Faculty of Science; ENSC 703 cannot be used towards this requirement).

The following courses can be used towards the 15 units of graduate courses:

ENSC 701 - Graduate Co-op Practicum I (3)

ENSC 702 - Graduate Co-op Practicum II (3)

ENSC 891 - Directed Studies I (3)

ENSC 892 - Directed Studies II (3)

ENSC 897 - MEng Project (6) *

* Project

ENSC 897 is an elective course that can be completed instead of ENSC 870, in which case it replaces ENSC 870 as part of the program requirements. Students interested in doing a project should approach ENSC faculty members with matching interests. Availability of projects may depend on faculty member's interests and schedule, as well as student's prior academic performance. Students who find a faculty member willing to be their MEng project supervisor should register for the course ENSC 897-6 MEng Project. At the completion of the course, the student should submit a MEng project report and give an oral presentation to the supervisory committee that includes at least two faculty members. Students who do not complete ENSC 897-6 in one term must enroll in ENSC 896-6 (MEng Project Completion) in all subsequent terms until the project is complete, but only need to pay 50% of the tuition for the ENSC 896 credits.

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Program Length

Students are expected to complete the program requirements in six terms.

Other Information

International Students

International MEng students with a study permit should register in at least two courses each term with a total of six or more units to maintain full-time status.

Supervisory Committee

The Chair of the Graduate Program Committee is the default Senior Supervisor of all MEng students. When a faculty member agrees to supervise a MEng student for the student's ENSC 897-6 MEng Project course, the faculty member becomes the senior supervisor of the MEng student.

Transfer from MEng to MASC program

A transfer from the MEng to the Master of Applied Science (MASC) program will be considered if the student meets all the admission requirements of the MASC program, and if the proposed senior supervisor can provide financial support that meets the school's minimum requirement for MASC students.

Financial Support

Students in the MEng program are ineligible for university financial support except for a teaching assistantship (TA).

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 Doctor of Philosophy (PhD) in the School of Engineering Science

Summary of change:

- Addition of the program description
- Clarification of admission requirements
- Clarification of program requirements

Rationale for change:

- Program description does not appear in the current Calendar entry
- Admission requirements have been clarified
- Program requirements related to coursework and qualifying examination have been clarified. In particular, the new course ENSC 880 – PhD Qualifying Exam (0) has been introduced recently (effective Summer 2017), and is now listed as part of the program requirements.

Effective term and year: Fall 2017

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

Current students who have not passed the qualifying exam by Fall 2017 will be required to register for ENSC 880 – PhD Qualifying Exam (0) in the semester in which they intend to take the exam. Other changes to the program description do not affect current students as they are simply clarifications of the existing requirements.

Please note:

To view the Spring 2017 Academic Calendar go to <http://www.sfu.ca/students/calendar/2017/spring.html>

School of Engineering Science
Simon Fraser University Calendar | Summer 2017

Engineering Science

DOCTOR OF PHILOSOPHY

Admission Requirements

For admission to the doctor of philosophy (PhD) program, a student must have a master's degree in electrical engineering, mechanical engineering, physics, computer science or a related field, have submitted evidence of capability to undertake substantial original research, and have identified a faculty member as senior supervisor.

See graduate general regulation 1.3 for other PhD program admission requirements.

Residence Requirement

Students will conform to the residence requirement as stipulated in graduate general regulation 1.7.

Transfer from the Master's Program to the PhD Program

Proceeding to a PhD program without completing a master's degree is discouraged. However, a student may be admitted after at least 12 months in the master of applied science (MAsc) program if all non-thesis requirements have been completed with a 3.67 or better cumulative grade point average (CGPA), outstanding potential for research has been shown, and approval of the student's supervisory committee, graduate program committee and senate graduate studies committee has been given.

Course Requirements

The minimum requirement is 18 units beyond that of the MAsc degree. Six of these units will be for prescribed courses in the specialization in which the student is enrolled. Alternatives can be substituted with the approval of the student's supervisory committee. At most six units may be senior undergraduate courses. At most six units may be directed studies. ENSC 701-Graduate Co-op Practicum I (3) can be used towards the degree requirement. In that case, at most three units of directed studies can be taken. At least six units must be within engineering science, although ENSC 820-3 may not be used towards these six units. Additional courses may be required to correct deficiencies in the student's background.

Previous Credit

If the subject matter of a listed course has been previously completed with graduate credit, the course may not be completed again for credit.

Qualifying Examination

To qualify the student will submit a brief written research proposal and defend it orally to his/her supervisory committee within the first 24 months of admission. The proposal's defence will be judged according to the feasibility and scientific merits of the proposed research, and demonstration of a sophisticated understanding of general material in the student's major area of research. This level of understanding is associated with senior undergraduate and first year graduate course material.

The possible outcomes of the qualifying examination are 'pass,' 'marginal' and 'fail.' A student with 'marginal' will be required to re-submit the research proposal and defend it for the second and final time within six months and/or to complete more courses. A 'failing' grade requires withdrawal.

Thesis

Students define and undertake original research, the results of which are reported in a thesis. An examining committee is formed as defined in graduate general regulation 1.9.3. Students conform to residence requirements (see graduate general regulation 1.7.6). The senior supervisor will be an engineering science faculty approved by the graduate program committee.

The student's progress will be reviewed every 12 months by a supervisory committee of two or more faculty members. At each annual review, the student presents a summary of his/her work to date, with the first review being the research proposal defence described in the section for Qualifying Examination (see above). Students not making satisfactory progress in their research topics, or failing to demonstrate satisfactory knowledge and understanding of recent publications in their general area of research, or failing to have their revised research proposal approved by the supervisory committee within 24 months of admission, may be required to withdraw as per section 1.8.2 Review of Unsatisfactory Progress of the graduate general regulations.

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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Engineering Science

DOCTOR OF PHILOSOPHY

Description of Program

The Doctor of Philosophy (PhD) in engineering science is a program intended for those who wish to develop advanced independent research skills. Candidates with strong aptitude for research and exceptional quantitative, analytical, and design skills pursue a research-intensive program leading to a substantial contribution to knowledge in engineering science.

Admission Requirements

Applicants must satisfy the University admission requirements as stated in Graduate General Regulations 1.3 in the SFU Calendar, and have the following:

- A master's degree in electrical engineering, biomedical engineering, computer engineering, mechanical engineering, physics, computer science, or a related field;
- Submitted evidence of capability to undertake substantial original research;
- Identified a faculty member as a senior supervisor.

Transfer from the Master's program to the PHD program

Proceeding to a PhD program without completing a master's degree is discouraged. However, a student may be admitted after at least 12 months in the Master of Applied Science (MAsc) program if all non-thesis requirements have been completed with a 3.67 or better cumulative grade point average (CGPA), outstanding potential for research has been shown, and approval of the student's supervisory committee, graduate program committee and senate graduate studies committee has been given.

Program Requirements

This program consists of 18 units of course work, a qualifying examination, and a thesis. Additional courses may be required to correct deficiencies in the student's background. If the subject matter of a listed course has been previously completed with graduate credit, the course may not be completed again for credit.

Students must complete a minimum of 18 units of coursework beyond the MAsc degree, including

six units of ENSC graduate courses (excluding ENSC 701, ENSC 702, ENSC 703, ENSC 803, ENSC 820, ENSC 891, ENSC 892, ENSC 896, ENSC 897, ENSC 898, ENSC 899)

and 12 units of additional courses subject to the following rules

- At most six of these units can be for a senior ENSC undergraduate courses not previously taken for credit
- At most six units can be for directed studies
- ENSC 701 - Graduate Co-op Practicum I (3) can be used towards the degree requirement, in which case at most three units of directed studies can be taken
- ENSC 803 cannot be used towards the degree requirement

and a qualifying exam

ENSC 880 - Qualifying Exam (0)

and a thesis

REVISED CALENDAR ENTRY

ENSC 899 – PhD Thesis (6)

Course work

Course alternatives can be substituted with the approval of the student's supervisory committee. If the subject matter or a required course has been previously completed for credit, the course may not be completed again for credit.

Qualifying Examination

The student will submit a brief written research proposal and defend it orally to his/her supervisory committee within the first 24 months of admission. The student should register for ENSC 880 – PhD Qualifying Exam (0) in the semester in which the research proposal is to be defended. The proposal's defence will be judged according to the feasibility and scientific merits of the proposed research, and demonstration of a sophisticated understanding of general material in the student's major area of research. This level of understanding is associated with senior undergraduate and first year graduate course material.

The possible outcomes of the qualifying examination are "pass", "marginal", and "fail". A student with "marginal" will be required to re-submit the research proposal and defend it for the second and final time within six months and/or to complete more courses. Failing the qualifying examination will trigger an unsatisfactory progress report which may require program withdrawal as per Graduate General Regulation 1.8.2.

Thesis

Students define and undertake original research, the results of which are reported in a thesis. An examining committee is formed as defined in Graduate General Regulation 1.9.3. The Senior Supervisor will be an engineering science faculty member approved by the graduate program committee.

Annual Progress

The student's progress will be reviewed every 12 months by a supervisory committee of two or more faculty members. At each annual review, the student presents a summary of his/her work to date, with the first review being the research proposal defence described in the section titled Qualifying Examination (see above). Students not making satisfactory progress in their research topics, or failing to demonstrate satisfactory knowledge and understanding of recent publications in their general area of research, or failing to have their revised research proposal approved by the supervisory committee within 20 months of admission, may be required to withdraw as per section 1.8.2 Review of Unsatisfactory Progress of the Graduate General Regulations.

Program Length

Students are expected to complete the program requirements in four years.

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.



Memo To: Lisa Shapiro, Chair FASSGSC
From: Atiya Mahmood, Graduate Program Chair
Date: January 16th, 2017
Subject: Material for FASSGSC Meeting January 26th, 2017

At its meeting of January 10th, 2017, the Department of Gerontology approved the following curricular program changes and calendar changes. MA and PHD sections below highlight the calendar changes. I am requesting that these changes be placed on the agenda of the next FASSGSC meeting.

Graduate Course Change

- Change name of GERO 810 from *Community-based Housing for Older Adults* to *Community-based Housing, Health and Support Services for Older Adults*. Rationale: new title better reflects the course content.

New courses in the MA program

- GERO 896 – MA Capstone Project Proposal (0)
- GERO 897 – MA Thesis Proposal (0)

New courses in the PhD program

- GERO 994 – Comprehensive Examination I (3)
- GERO 995 – Comprehensive Examination II (3)
- GERO 996 – PhD Thesis Prospectus (0)

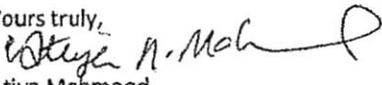
Master of Arts

- Removed information already included in GGRs and application information regarding documents and deadlines
- Added minimum units of program, the requirement that the project needs to be submitted to the library, and expected program length
- The requirement stating that students must complete one core methods course (GERO 803 - *Analytical Techniques for Gerontological Research*) has been changed to two methods courses by moving GERO 804 – *Advanced Qualitative Methods in Gerontology* from an elective course to a required course. Rationale: It is felt that qualitative methods are as important as quantitative so students should be required to complete both.
- At least two courses must be completed from one concentration has been changed to: 5 courses (or 3 courses for the thesis option) from Gerontology. Rationale: Due to the limited number of courses in Gerontology, all students complete two courses from one concentration and in most cases from both so this requirement is redundant.
- Added GERO 897 to formally recognize the required thesis proposal defense that already exists for this program with a satisfactory/unsatisfactory grading basis.
- Included a paragraph explaining the possibility of transferring from the MA to PhD in Gerontology program.

PhD

- Added program description and expected program length
- Added GERO 994 and 995 to formally recognize the required comprehensive examinations that already exist for this program with a value of 3 credits each
- Added GERO 996 to formally recognize the required thesis prospectus defense that already exists for this program with an outcome of satisfactory/unsatisfactory
- Removed information already included in GGRs
- The requirement that students complete two courses from one stream has been changed to two graduate courses. Rationale: It is felt that students should be allowed to take courses from other departments or via the Western Deans' Agreement if they are relevant to the research topic.
- Information regarding the comprehensive examinations was updated to reflect a satisfactory/unsatisfactory grading basis instead of pass/fail.
- The word dissertation was updated to "thesis" since the GGRs refer to a PhD thesis.

Yours truly,


Atiya Mahmood
Graduate Program Chair

Calendar Entry Change for MA Gerontology

Summary of change:

Course numbers added to milestones already part of the program:

GERO 896 – MA Capstone Project Proposal

GERO 897 – MA Thesis Proposal

Extensive editorial changes including deletion of wording already contained in the GGR's

Rationale for change:

The new APR project within Graduate Studies prompted the Gerontology Graduate Committee to almost completely rewrite its Calendar wording and add course numbers to the Capstone Project and Thesis Proposals so they appear on student transcripts and to align with other programs throughout the University.

Effective term and year: Fall 2017

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

Current students will be given the option of having their Proposals added to their transcripts.



Please note:

To view the Spring 2017 Academic Calendar go to <http://www.sfu.ca/students/calendar/2017/spring.html>

Department of Gerontology
Simon Fraser University Calendar | Summer 2017

Gerontology

MASTER OF ARTS

A master of arts (MA) degree with two concentrations is offered: environment and aging; health and aging. The program prepares students for professional roles with high level current knowledge, and substantial competence in research tasks necessary to undertake those roles. It also provides focused, interdisciplinary training for individuals in occupations offering services to older adults. Students will develop an appreciation of the complex ethical issues that are faced by persons working with older adults.

Each concentration covers specific problems and issues. The environment and aging concentration teaches planning, design, research and evaluation of working, living and recreational environments for older persons including families and community environments. Students will have backgrounds in architecture, interior design, urban and regional planning, social/human ecology, kinesiology, recreation and leisure studies, occupational therapy, physiotherapy, human factors, human geography, sociology or environmental or social psychology.

The health and aging concentration provides knowledge applied to research, evaluation and critical analysis of health care systems and specific health promotion strategies. Students with degrees in psychology, sociology, demography, health sciences, medical geography, social work, nursing, health education, physiotherapy, physical education or kinesiology would be probable candidates.

Students complete a core methods course and electives selected from the two concentrations. The program builds upon the expertise, research activities, clinical experience, and international reputation of the associated Gerontology Research Centre.

Admission Requirements

Candidates who have not completed the post baccalaureate diploma in gerontology or have a minimum of five upper division courses with substantial aging content may be advised to complete courses from the diploma program prior to applying.

Students complete each of the following prerequisites, or their equivalents, for every concentration. However, under special circumstances, the courses beneath the sub-heading 'Both or No Concentrations' (see below) may be waived.

Environment and Aging

GERO 401 - Environment and Aging (3)

Health and Aging

one of

GERO 302 - Health Promotion and Aging (3)

GERO 404 - Health and Illness in Later Life (3)

GERO 407 - Nutrition and Aging (3)

Both or No Concentrations

three of

GERO 300 - Introduction to Gerontology (3) *

GERO 409 - Mental Health and Aging (3)

GERO 420 - Sociology of Aging (4)

BPK 461 - Physiological Aspects of Aging (3)

PSYC 357 - Adulthood and Aging (3)

Students also complete at least one undergraduate methods course.

* recommended

Application Requirements

Applications will be considered according to the following criteria

-cumulative grade point average from the most recently completed program of study

-academic course work in the subject area

-the quality of the statement of research interest submitted

-compatibility of the stated research interests and the teaching and research interests of the program's faculty. Check faculty research interests at http://www.sfu.ca/gerontology/about/faculty_staff/faculty.html. Qualified students will be accepted only if a suitable senior supervisor is available and willing to supervise the student

Applicants must submit all supporting documentation in one complete package, which must include: official copies of transcripts, three letters of reference (see References below), a 500-600 word statement of research interests (see Statement of Research Interest below), a statement of work experience in gerontology, and a completed curriculum vitae information form. TOEFL scores can be submitted separately.

Candidates for admission must satisfy the general admission requirements for graduate studies as shown in graduate general regulations 1.3.1 and 1.3.3.

References

Three academic references are required. Referees will address the applicant's ability to undertake advanced work in the area of interest. Non-academic references should address the candidate's academic potential.

Because program applicants are able to view reference letters upon request (after the application has been submitted), referees should be told this, due to the BC Freedom of Information and Protection of Privacy Act.

Statement of Research Interest

A 500-600 word statement of research interest is required and is a critical component of the application package. It should be focused and detailed. Examples are available upon request.

Application Deadlines

fall term, beginning in September: application deadline is January 30

spring term, beginning in January: application deadline is September 30

English Language Competence

An applicant whose primary language is not English or whose previous education has been conducted in another language must demonstrate command of English sufficient to pursue graduate studies in the chosen field.

Full or Part-time Studies

Full-time studies are recommended. Each year a limited number of students may be accepted for part-time studies. If a student is accepted on a part-time basis, they must be available to take classes in the daytime during the week. This program is not available via distance education.

Curriculum and Description

There are four program components: a core methods course; electives; thesis or project; and internship. Students complete seven courses (one core, and six electives chosen from the two concentrations), an internship, and a thesis or a capstone project. Students who complete a thesis in lieu of the project will complete two fewer elective courses. (See Thesis or Project Option below).

Core Methods Course

Completion of one core methods course is required, as follows.

GERO 803 - Analytical Techniques for Gerontological Research (4)

Elective Courses from Areas of Concentration

ENVIRONMENT AND AGING

Students who choose this concentration will complete at least two of

GERO 810 - Community Based Housing for Older People (4)

GERO 811 - Institutional Living Environments (4)

GERO 822 - Families, Communities and Health (4)

GERO 830 - Aging in a Technological World (4)

GERO 840 - Special Topics in Gerontology (4) **

GERO 889 - Directed Studies (4) **

HEALTH AND AGING

Students who choose this concentration will complete at least two of

GERO 802 - Development and Evaluation of Health Promotion Programs for the Elderly (4)

GERO 820 - Principles and Practices of Health Promotion (4)

GERO 822 - Families, Communities and Health (4)

GERO 823 - Mental Health and Illness in Later Life (4)

GERO 840 - Special Topics in Gerontology (4) **

GERO 889 - Directed Studies (4) **

ELECTIVES OUTSIDE OF CONCENTRATION

Students from either concentration may choose the following.

GERO 804 - Advanced Qualitative Methods in Gerontology (4)

GERO 806 - Interdisciplinary Theories in Gerontology (4)

** may be used for either concentration depending on the topic

MA Internship

GERO 850 - MA Internship (4)

Students will supplement their program with an internship by working for an agency or organization in a position of responsibility for a maximum of one term. This requirement can be fully or partially waived for students with prior relevant work experience in the professional field of gerontology after consultation with the student's senior supervisor and department chair.

Project or Thesis Option

Students present a written thesis/project proposal to their supervisory committee. Students will complete individual research-based projects that will entail original work and will fall under one of the following types.

- a critical synthesis of theoretical and/or research literature on a focused topic related to aging

- an original grant proposal including an extended literature review, methodology, and design sections

- development of a new program intervention and/or an evaluation of framework proposal of a program related to the field of aging

- or a critical analysis of a policy related to gerontology.

A project will be evaluated by the supervisory committee and a qualified external reader. The project requirement must meet the guidelines set out in the graduate general regulations.

Students preparing for advanced graduate training may be permitted to select a thesis option and will complete two fewer elective courses. The thesis provides high quality focused research. Original and innovative research is encouraged to meet this requirement. Committee selection and thesis proposal approval will follow the same steps as the project. The thesis requirement must meet the graduate general regulations.

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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Gerontology

MASTER OF ARTS

Description of Program

A master of arts (MA) degree with two concentrations is offered: environment and aging; health and aging. The program prepares students for professional roles with high level current knowledge, and substantial competence in research tasks necessary to undertake those roles. It also provides focused, interdisciplinary training for individuals in occupations offering services to older adults. Students will develop an appreciation of the complex ethical issues that are faced by persons working with older adults.

Each concentration covers specific problems and issues. The environment and aging concentration teaches planning, design, research and evaluation of working, living and recreational environments for older persons including families and community environments. Students will have backgrounds in architecture, interior design, urban and regional planning, social/human ecology, kinesiology, recreation and leisure studies, occupational therapy, physiotherapy, human factors, human geography, sociology, anthropology or environmental or social psychology.

The health and aging concentration provides knowledge applied to research, evaluation and critical analysis of health care systems and specific health promotion strategies. Students with degrees in psychology, sociology, anthropology, demography, health sciences, medical geography, social work, nursing, health education, physiotherapy, physical education or kinesiology would be probable candidates.

Students complete core methods courses and electives selected from the two concentrations. The program builds upon the expertise, research activities, clinical experience, and international reputation of the associated Gerontology Research Centre.

Admission Requirements

Applicants must satisfy the University admission requirements as stated in Graduate General Regulations 1.3 in the SFU Calendar. Applications will be considered according to the following criteria:

- Cumulative grade point average from the most recently completed program of study;
- Academic course work in the subject area;
- The quality of the statement of research interest submitted;
- Compatibility of the stated research interests and the teaching and research interests of the program's faculty. Check faculty research interests on the Gerontology website.
- Qualified students will be accepted only if a suitable senior supervisor is available and willing to supervise the student.

Candidates who have not completed the post baccalaureate diploma in gerontology or have a minimum of four upper division courses with substantial aging content may be advised to complete courses from the diploma program prior to applying.

Program Requirements

This program consists of two core methods courses, electives, an internship, and either a thesis for a minimum of 30 units, or a project for a minimum of 38 units.

PROJECT OPTION

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Students must complete

GERO 803 - Analytical Techniques for Gerontological Research (4)

GERO 804 - Advanced Qualitative Methods in Gerontology (4)

and five elective courses chosen from the list below for a minimum 20 units *

and an internship

GERO 850 - MA Internship (4)

and a project proposal

GERO 896 - MA Project Proposal (0)

and a project

GERO 898 - MA Project (6)

The project is examined as a thesis and must be submitted to the library upon completion.

THESIS OPTION

Students must complete

GERO 803 - Analytical Techniques for Gerontological Research (4)

GERO 804 - Advanced Qualitative Methods in Gerontology (4)

and three elective courses chosen from the list below for a minimum 12 units *

and an internship

GERO 850 - MA Internship (4)

and a thesis proposal

GERO 897 - MA Thesis Proposal (0)

and a thesis

GERO 899 - MA Thesis (6)

Elective Courses *

The following elective courses are organized into two categories with a few courses applying to both categories:

Environment and Aging

GERO 806 - Interdisciplinary Theories in Gerontology (4)

GERO 810 - Community Based Housing, Health and Support Services for Older Adults (4)

GERO 811 - Institutional Living Environments (4)

GERO 822 - Families, Communities and Health (4)

GERO 830 - Aging in a Technological World (4)

GERO 840 - Special Topics (4)

Health and Aging

GERO 802 - Development and Evaluation of Health Promotion Programs for the Elderly (4)

GERO 806 - Interdisciplinary Theories in Gerontology (4)

GERO 820 - Principles and Practices of Health Promotion (4)

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GERO 822 - Families, Communities and Health (4)

GERO 823 - Mental Health and Illness in Later Life (4)

GERO 840 - Special Topics (4)

* Students are strongly encouraged to take elective courses from within the Department of Gerontology. However, students may be permitted to take one Directed Studies (GERO 889) and one course outside of Gerontology or SFU towards their elective courses

Program Length

Students are expected to complete the program requirements in 6 terms for a project and 9 terms for a thesis.

Other Information

Internship

Students will supplement their program with an internship by working for an agency or organization in a position of responsibility for a maximum of one term. This requirement can be fully or partially waived for students with prior relevant work experience in the professional field of gerontology after consultation with the student's senior supervisor and department chair.

Project Proposal

Students will prepare a written research proposal prior to commencing research leading to the MA Capstone Project. The student will present their proposal to their supervisory committee only. The proposal will receive a grade of S or U. An unsatisfactory grade in the written proposal will trigger review by the Gerontology graduate committee as outlined in Graduate General Regulation 1.8.2.

Thesis Proposal

Students will prepare a written research proposal prior to commencing research leading to the MA Thesis. The student will present and orally defend their proposal to their supervisory committee and other members of the Gerontology community. The proposal will receive a grade of S or U. An unsatisfactory grade in the written proposal or oral defense will trigger review by the Gerontology graduate committee as outlined in Graduate General Regulation 1.8.2.

Capstone Project Option

Students will develop research-based capstone projects that will entail original work under one of the following types:

- A critical synthesis of theoretical and/or research literature on a focused topic related to aging;
- An original grant proposal including an extended literature review, methodology, and design sections;
- Development of a new program intervention and/or an evaluation of framework proposal of a program related to the field of aging;
- A critical analysis of a policy related to gerontology.

A capstone project will be evaluated by the supervisory committee and a qualified external reader. The project requirement must meet the guidelines set out in the Graduate General Regulations 1.10.1.

Thesis Option

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Students preparing for advanced graduate training may be permitted to select a thesis option. The thesis provides high quality focused research. Original and innovative research is encouraged to meet this requirement. Students write and successfully defend a thesis proposal. The thesis requirement must meet the Graduate General Regulations 1.10.1.

Transferring to the PhD in Gerontology Program

Students in the MA program may apply to transfer to the PhD program. To do so, they must demonstrate their ability to carry out innovative, independent and original PhD level research in that field, have obtained high academic standing in previous university work, and have the support of their senior supervisor. All university regulations governing transfers must be met (graduate general regulation 1.3.4). Transfers will normally only be considered in the second through fifth terms after enrolment in the MA program. Transfer applications must be approved by the student's supervisory committee, the Gerontology graduate studies committee, and the dean of graduate studies. Students transferring from the MA program will be eligible to earn only the PhD degree. Students will not be eligible to transfer to the PhD program beyond six terms of full-time equivalent course work in the MA program.

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 PhD Gerontology

<p>Summary of change: Addition of course numbers as follows: GERO 994 – Comprehensive Examination I GERO 995 – Comprehensive Examination II GERO 996 – Thesis Prospectus Extensive editorial changes to the Calendar wording.</p>
<p>Rationale for change: The new APR project within Graduate Studies prompted the Gerontology Graduate Committee to almost completely rewrite its Calendar wording and add course numbers to the Comprehensive Examinations and Thesis Prospectus so they appear on student transcripts and to align with other programs throughout the University.</p>
<p>Effective term and year: Fall 2017</p>
<p>Will this change impact current students? If yes, what is the plan for current students? Current students will be given the option of having these courses included on their transcripts.</p>



Please note:

To view the Spring 2017 Academic Calendar go to <http://www.sfu.ca/students/calendar/2017/spring.html>

Department of Gerontology | Faculty of Arts and Social Sciences
Simon Fraser University Calendar | Summer 2017

Gerontology

DOCTOR OF PHILOSOPHY

Admission Requirements

Admission to the doctor of philosophy (PhD) program will require a gerontology master's degree or a master's degree from another discipline in which a significant amount of course work and/or thesis/project research deals with aging or the aged. Applicants will be evaluated on an individual basis. Those not meeting these requirements will need to complete preparatory course work that is equivalent to a master's in gerontology or aging studies. It is recommended that applicants have a minimum 3.5 grade point average (GPA). In addition, there must be supervisory capacity in the department to support the candidate's dissertation research.

In addition to program requirements, applicants will meet University admission requirements to a doctoral program as stated in the graduate general regulations 1.3.4.

Supervisory Committee

A senior supervisor is assigned to each student upon doctoral program admission. Three additional committee members and will be added by the end of the first year. At least two supervisory committee members must be members of the Department of Gerontology. This can include the senior supervisor.

Program Requirements

Doctoral students complete five GERO graduate courses (see *Course Requirements* section below) but may be required to complete up to seven additional courses if deemed necessary by the admissions committee. Two courses will be related to one of two streams that the student has selected as an area of expertise: environment and aging; or health and aging. Two courses will be methods/statistics courses, and one course will be a required theory course. (See GERO courses for course descriptions.)

After completing of course work, students will also write and defend a dissertation.

Course Requirements

GERO 810 - Community Based Housing for Older People (4)

GERO 811 - Institutional Living Environments (4)

GERO 822 - Families, Communities and Health (4)

GERO 830 - Aging in a Technological World (4)

HEALTH AND AGING STREAM

GERO 810 - Community Based Housing for Older People (4)

GERO 811 - Institutional Living Environments (4)

GERO 822 - Families, Communities and Health (4)

GERO 830 - Aging in a Technological World (4)

Required Methods/Statistics Courses

Student complete any two of

GERO 802 - Development and Evaluation of Health Promotion Programs for the Elderly (4)

GERO 803 - Analytical Techniques for Gerontological Research (4)

GERO 804 - Advanced Qualitative Methods in Gerontology (4)

* or equivalent courses

Required Theory Course

GERO 806 - Interdisciplinary Theories in Gerontology (4)

Students may substitute up to three courses from other programs (especially the Faculty of Health Sciences) with departmental approval. Students may also complete one directed studies (GERO 889).

Comprehensive Examinations

After completion of all course work with a GPA of at least 3.25, students will write two comprehensive examinations based on reading lists developed with their supervisory committee.

One exam will cover the substantive literature in the dissertation field. The second will be determined by the supervisory committee based on the current and anticipated research needs of the student. It will typically cover one or a combination of the following: a secondary area of gerontological knowledge; design and methods; or theoretical knowledge.

A student who fails a comprehensive exam will have one chance for re-examination. Failure to pass a second time will result in immediate withdrawal from the program. On the first set of comprehensive examinations, the supervisory committee may require that the student orally defend their comprehensive examination if clarification or elaboration is required to determine a pass or fail based on the written material. All re-examinations will require that the student orally defend their comprehensive examination. When the exams are successfully completed, the student must successfully defend their dissertation proposal before being officially admitted to candidacy for the PhD degree.

Dissertation

Students write and successfully defend a dissertation prospectus in accordance with graduate general regulations 1.9.4 and 1.10.1.

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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Gerontology

DOCTOR OF PHILOSOPHY

Description of Program

The PhD in gerontology program at Simon Fraser University provides advanced research training in gerontology grounded in an interdisciplinary theoretical foundation, current and prospective substantive issues, a range of research methods and statistical techniques, and knowledge to translate research into practice and policy.

Admission Requirements

Applicants must satisfy the University admission requirements as stated in Graduate General Regulations 1.3 in the SFU Calendar. Admission to the doctor of philosophy (PhD) program will require a gerontology master's degree or a master's degree from another discipline in which a significant amount of course work and/or thesis/project research deals with aging or the aged. Applicants will be evaluated on an individual basis. Those not meeting these requirements will need to complete preparatory course work that is equivalent to a master's in gerontology or aging studies. It is recommended that applicants have a minimum 3.5 grade point average (GPA). In addition, there must be supervisory capacity in the department to support the candidate's thesis research.

Program Requirements

This program consists of three core courses, two electives, comprehensive examinations, and a thesis. Students may be required to complete up to two additional courses if deemed necessary by the admissions committee. Students may substitute up to three courses from other programs with departmental approval. Students may also complete one directed studies (GERO 889).

Students must complete

GERO 803 - Analytical Techniques for Gerontological Research (4)*

GERO 804 - Advanced Qualitative Methods in Gerontology (4)*

GERO 806 - Interdisciplinary Theories in Gerontology (4)*

and two elective courses **

and comprehensive examinations

GERO 994 - Comprehensive Examination I (3)

GERO 995 - Comprehensive Examination II (3)

and a thesis proposal

GERO 996 - Thesis Prospectus (0)

and a thesis

GERO 998 - PhD Thesis (6)

* students who have completed equivalent courses in their graduate degree, may be permitted to substitute these courses with electives

Elective Courses **

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The following elective courses are organized into two categories with a few courses applying to both categories:

Environment and Aging

GERO 810 - Community Based Housing, Health and Support Services for Older Adults (4)
GERO 811 - Institutional Living Environments (4)
GERO 822 - Families, Communities and Health (4)
GERO 830 - Aging in a Technological World (4)
GERO 840 - Special Topics (4)

Health and Aging

GERO 802 - Development and Evaluation of Health Promotion Programs for the Elderly (4)
GERO 820 - Principles and Practices of Health Promotion (4)
GERO 822 - Families, Communities and Health (4)
GERO 823 - Mental Health and Illness in Later Life (4)
GERO 840 - Special Topics (4)

** Students may be permitted to take one Directed Studies (GERO 889) and one course outside of Gerontology or SFU towards their electives coursework

Program Length

Students are expected to complete the program requirements in 18 terms.

Other Information

Supervisory Committee

A senior supervisor is assigned to each student upon doctoral program admission. Three additional committee members will be added to the committee by the end of the first year. At least two supervisory committee members must be members of the Department of Gerontology. This must include the senior supervisor.

Comprehensive Examinations

After completion of all coursework, students will write two comprehensive examinations based on reading lists developed with their supervisory committee. This first examination will cover the substantive literature in the thesis field. The second examination will be determined by the supervisory committee based on the current and anticipated research needs of the student. Examinations will receive a grade of S or U. A student who receives an unsatisfactory grade in a comprehensive examination will have one chance for re-examination. All re-examinations will require an oral defense. A second unsatisfactory grade will trigger a review of unsatisfactory progress under GGR 1.8.2 which may lead to withdrawal.

When both comprehensive examinations are satisfactorily completed, the student must develop and successfully defend a thesis prospectus before being officially admitted to candidacy for the PhD degree.

Thesis Proposal

Students will prepare a written research proposal prior to commencing research leading to the PhD thesis. In general, the proposal will integrate a review of the relevant research literature and describe research methodology appropriate to the principal research question, expected results and their significance. The student will orally present and defend the proposal before their supervisory committee. The proposal and

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oral defense will receive a grade of S or U. An unsatisfactory grade in the written proposal or oral defense will trigger review by the Gerontology graduate committee as outlined in Graduate General Regulation 1.8.2.

Thesis

Students write and successfully defend a thesis in accordance with Graduate General Regulations 1.9.4 and 1.10.1.

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.



DEPARTMENT OF ENGLISH

CONTACT INFORMATION

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January 9, 2017

Dear FASSGSC:

Last spring, the English program introduced several changes to our MA program. The current changes are in large part to clean up entries, some that were made in relation to the substantive changes introduced last year; all changes are minor. We also underwent the Degree Audit at the end of last year, and have a few minor changes that came out of that process. For your reference, I have included below an Appendix which describes the major changes to our MA that became effective as of January 2017, with the rationale for these substantive changes (see Appendix A below), as well as our MA Project Guidelines (Appendix B, below), which were approved by our department in October 2016.

We request these calendar changes and two new course proposals be placed on the agenda of the next FASSGSC meeting on January 26, 2017. Also attached to this cover letter are the following documents:

- (1) Current Calendar entries for the MA;
- (2) Revised Calendar entries for the MA;
- (3) Current Calendar entries for the PhD;
- (4) Revised Calendar entries for the PhD;
- (5) Two new Course forms, related to the above revisions, for:
 - ENGL 882 - MA Project, a graded course (4)
 - ENGL 894 - PhD Prospectus (4);
- (6) Library Check confirmation email.

Our proposed changes to the calendar entries, and for the new course proposals, and our rationale for both, are as follows.

MA Program Calendar Changes:**Reference to extended essays removed**

Rationale: Last year, a new MA project option was introduced (effective Jan. 2017), one that is both more rigorous and more attuned to current research practices and academic streams within the discipline of English. At the same time, we removed the capstone requirement (to enable students to complete a coursework MA within one calendar year) and the Thesis option (which has only been undertaken a few times in the last decade); these changes are consistent with the program requirements of other MA English programs in the country.

When the MA project was introduced, I was under the erroneous belief that we had to conform to the language in the General Graduate Guidelines Program Requirements for the Master's Degree, section 1.7.2 (c), which states that students must "Successfully complete a minimum of 24 units of graduate course work plus two extended essays, or a project, that are examined by two readers." (my emphasis). In other words, I thought we had to offer both a project and a two extended essays option. At the time, Neither the GPC nor the department believed that the "two extended essays" option would produce a meaningful outcome for our students. I have since discovered that it is in fact not necessary to include the option for "two extended essays," and that several departments offer only projects. As a department, we unanimously voted to remove the "two extended essays" option at our October 28, 2016 meeting; we also unanimously voted to establish a set of guidelines for the MA Project (see Appendix B, below). We believe the MA Project option best serves the academic needs and professional development of our MA students.

The MA Project course will change from ENGL 891 (MA Paper/Project) to a new course, ENGL 882.

Rationale: 891 is being retained for use by the MATE (Master of Arts for Teachers of English) program, an entirely separate program run by Surrey, which has retained its capstone. ENGL 891 is an IP/CO course. For the MA Project, a graded course is desired to reflect more fully the nature and quality of the work the student has done for the project. We also need a new graded course that can be IP, reflecting that some MA projects may take more than one semester to complete.

Reference to "English" courses for elective units was removed from the project option because courses from any department can meet this requirement (this is consistent with the coursework option).

Rationale: This language was erroneously added when the MA project was introduced last year.

Added the word "graduate" to clarify that the elective courses cannot be undergraduate courses.

PHD Program Calendar Changes:

Added the word "graduate" to clarify that the elective courses cannot be undergraduate courses.

Added a thesis prospectus course (ENGL 894) to help track students who need to complete this milestone and to record this information on the transcript.

- o Currently, we have courses for our PhD students' secondary field exam, taken first [ENGL 892 - PhD Field Exam One (4)] and for their primary field exam, taken second [ENGL 893 - PhD Field Exam Two (4)], plus a separate course for students who are writing their thesis [ENGL 899 – PhD Thesis (6)]. We do not have a course for the thesis prospectus, a separate requirement of our PhD Program that involves students preparing a substantial document outlining the thesis, the plan for its completion, and meeting to discuss the prospectus with the thesis committee and graduate chair. We propose adding a course, ENGL 894 – PhD Prospectus (4), to allow us to better keep track of this requirement and for it to be noted on student's transcripts.

Updated info under Field exams title from “pass/fail” grading to “in progress/complete” because this is the correct grading basis.

Reference to dissertation has been changed to thesis since the GGRs refer to a “doctoral thesis” rather than a “dissertation” (see GGR 1.7.5).

Kind regards,

Michelle Levy

Michelle Levy
Graduate Chair and Associate Professor
Department of English

Please note:

To view the Spring 2017 Academic Calendar go to <http://www.sfu.ca/students/calendar/2017/spring.html>

Department of English
Simon Fraser University Calendar | Summer 2017

English

MASTER OF ARTS

This master of arts (MA) program develops scholars with a critical and comprehensive awareness of English studies. While offering specialization in one of various areas of strength in the department, the program requires a breadth requirement through course work and thereby grounds students' interests in a wide and flexible understanding of English studies.

Program Requirements

Coursework Option

This option consists of 8 units of required courses and 24 units of elective courses for a minimum total of 32 units.

Students must complete a minimum of 24 units of graduate courses including a pre-twentieth century literature course, and one other pre-nineteenth century literature course

and both of

ENGL 880 - Pro-seminar I (4)

ENGL 881 - Pro-seminar II (4)

Extended Essay/Project Option

This option consists of 8 units of required courses and 20 units of elective courses and two extended essays or a project (4 units) for minimum total of 32 units.

Students must complete a minimum of 20 units of graduate English courses including a pre-twentieth century literature course

and both of

ENGL 880 - Pro-seminar I (4)

ENGL 881 - Pro-seminar II (4)

and two extended essays or a project

Specialization in Print Culture

This specialization permits interdisciplinary specialization in the politics of print culture (1700-1900), focusing on the changing role of printed texts in an emerging commercial society. The Print Culture specialization can be done as either a coursework or a project option.

This option consists of 12 units of required courses, 12 units of print-culture designated courses, and 8 units of elective courses, for a minimum total of 32 units.

Students must complete

all of

ENGL 820 - Studies in Print Culture Theory (4)

ENGL 880 - Pro-seminar I (4)

ENGL 881 - Pro-seminar II (4)

and 12 units of print-culture designated courses.

Students completing the project option will take an additional 4 units of elective graduate courses and two extended essays or a project

ENGL 891 - MA Paper/Project (4)

for a total minimum of 32 units.

Program Length

Students in the coursework option are expected to complete the program in three terms. Students in the project option are expected to complete the program in three to six terms.

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.

Revised Calendar Entry

English

MASTER OF ARTS

Description of Program

This master of arts (MA) program develops scholars with a critical and comprehensive awareness of English studies. While offering specialization in one of various areas of strength in the department, the program requires a breadth requirement through course work and thereby grounds students' interests in a wide and flexible understanding of English studies.

Admission Requirements

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

Program Requirements

This program offers a course work option and a project option, with an optional specialization in print culture, for a minimum of 32 units.

Course work option

Students must complete

ENGL 880 - Pro-seminar I (4)

ENGL 881 - Pro-seminar II (4)

and an additional 24 graduate units (including a pre-twentieth century literature course and one other pre-nineteenth century literature course)

Project option

Students must complete

ENGL 880 - Pro-seminar I (4)

ENGL 881 - Pro-seminar II (4)

and an additional 20 graduate units (including a pre-twentieth century literature course)

and a project

ENGL 882 - Project (4)

SPECIALIZATION IN PRINT CULTURE

This specialization permits interdisciplinary specialization in the politics of print culture (1700-1900), focusing on the changing role of printed texts in an emerging commercial society. The print culture specialization can be done as either a course option or a project option.

Course work option

Students must complete

ENGL 820 - Studies in Print Culture Theory (4)

ENGL 880 - Pro-seminar I (4)

ENGL 881 - Pro-seminar II (4)

and an additional 20 graduate units (at least 12 units of print-culture designated courses)

Project option

Students must complete

ENGL 820 - Studies in Print Culture Theory (4)

ENGL 880 - Pro-seminar I (4)

ENGL 881 - Pro-seminar II (4)

and an additional 16 graduate units (at least 12 units of print-culture designated courses)

and a project

ENGL 882 – Project (4)

Program Length

Students in the course work option are expected to complete the program requirements in three terms. Students in the project option are expected to complete the program requirements in three to six terms.

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.

Please note:

To view the Spring 2017 Academic Calendar go to <http://www.sfu.ca/students/calendar/2017/spring.html>

Department of English | Faculty of Arts and Social Sciences
Simon Fraser University Calendar | Summer 2017

English

DOCTOR OF PHILOSOPHY

The department offers a doctor of philosophy (PhD) program, with the following major areas of study: English literature, language, and print culture. Library resources include the contemporary literature collection, the largest single collection of post-war experimental and avant-garde poetry in Canada; the Wordsworth collection, including one of the largest collections of Lake District writings; William Blake drawings, illuminations and engravings in facsimile. The library also has on-line scholarly databases and resources in all major areas of study and subscribes to a wide range of leading academic journals.

The program is normally completed within four years.

Applicants will have a well planned project that integrates with the department's areas of expertise. Cross disciplinary proposals and innovative studies are encouraged. Students are expected to contribute at all stages of the program.

Admission Requirements

Students must have a master of arts (MA) or equivalent with high standing from a recognized university and a solid grounding in English studies. To fill any academic gaps, extra undergraduate or graduate courses may be required. Before accepting a student into the program, the department will consider the proposed research in relation to faculty resources in the field.

To apply, transcripts of all previous post-secondary studies, three academic reference letters, one academic writing sample, a CV, and a one to two page doctoral project description are required. See graduate general regulation for admission requirements.

Application Deadline: January 15

Residence Requirement: Six terms

Language Requirement

PhD students must demonstrate to the supervisory committee an acceptable reading ability in a language other than English. For information and regulations, see graduate general regulations.

Program Requirements

The program's three stages include course work; field exams and thesis prospectus; thesis oral defence.

The first two years involve course work, field examinations, and a thesis prospectus to provide necessary grounding before the thesis project. In the third year, students engage in dissertation research and writing. Upon admission, the graduate chair is the advisor until a senior supervisor and supervisory committee are confirmed. Each student is matched with a potential senior supervisor, normally upon admission, and the supervisory committee should be formed during the first year and no later than the beginning of the field exams. Student and senior supervisor are encouraged to meet early.

Courses

By the third term's end, the student completes five regular courses, at least one of which must be outside the student's specialization area. ENGL 880/881 is also completed, which is the graduate professional development seminar. The senior supervisor, in consultation with the graduate program chair, advises the student about course choices.

Field Exams and Thesis Prospectus

The field exam process begins at the start of the third doctoral term, normally in the first summer term, and must be completed by the end of the sixth term. There are two fields to be completed consecutively in the fourth and fifth terms. The thesis prospectus is written in the sixth term.

Field exams are a take-home essay, written within a week and graded pass/fail. In exceptional cases a distinction will be recognized. A field exam can be repeated not later than the following term. A second failure requires a review of the student's progress. Normally, those who fail two field exams must withdraw from the program. Once the field exams are complete, the student begins the thesis prospectus in preparation for writing the dissertation. See department handbook for examples of fields, the field schedule, and the thesis prospectus schedule <http://www.sfu.ca/english/graduate-studies/programs1/doctoral-studies.html>.

Field Committees

The committee for the secondary field, which will be written first, consists of an advisor who is a field specialist and one knowledgeable faculty member. The primary field committee, which will be written second, consists of three faculty members: the primary field advisor (normally the dissertation supervisor) and two faculty members in the field.

Secondary Field

The secondary field examination paper ensures a comprehensive expertise in an area of study distinct from, but providing a basis of, knowledge that is useful to the student's field of specialization. The department offers fields in three general areas (historical, geographical, and theoretical) and may consider other fields if faculty and library resources are sufficient and it is academically appropriate.

Primary Field

The primary field exam ensures that students have a broad knowledge and understanding of the literature, historical contexts and critical history of the primary field of English studies that is germane to their dissertation area and in which they will be claiming expertise as university teachers and scholars.

Thesis Prospectus

The thesis prospectus guides students toward defining a thesis topic and is undertaken normally in the sixth term following the completion of the second field exam. The supervisory committee for the thesis prospectus will be the dissertation committee that was formed for the primary field.

Thesis

After the completion of the thesis prospectus, the candidate will write a scholarly thesis normally consisting of between 200 and 250 pages (not including bibliography).

From the supervisory committee's appointment, the student and senior supervisor meet at least three times a term through the field exam period, thesis prospectus term, and thesis research/ writing period.

The completed thesis is defended in an oral exam. The (defence) examining committee consists of a chair (normally the graduate program chair), members of the supervisory committee (senior supervisor and at least one other department member), a faculty member external to the department, and an external examiner who is not a member of Simon Fraser University.

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

English

DOCTOR OF PHILOSOPHY

Description of Program

The department offers a doctor of philosophy (PhD) program, with the following major areas of study: English literature, language, and print culture. Library resources include the contemporary literature collection, the largest single collection of post-war experimental and avant-garde poetry in Canada; the Wordsworth collection, including one of the largest collections of Lake District writings; William Blake drawings, illuminations and engravings in facsimile. The library also has on-line scholarly databases and resources in all major areas of study and subscribes to a wide range of leading academic journals.

Applicants will have a well-planned project that integrates with the department's areas of expertise. Cross disciplinary proposals and innovative studies are encouraged. Students are expected to contribute at all stages 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 must have a master of arts (MA) or equivalent with high standing from a recognized university and a solid grounding in English studies. To fill any academic gaps, extra undergraduate or graduate courses may be required. Before accepting a student into the program, the department will consider the proposed research in relation to faculty resources in the field.

Program Requirements

The program consists of course work, field exams, a thesis prospectus, and a thesis oral defence. The first two years involve course work, field examinations, and a thesis prospectus to provide necessary grounding before the thesis project. In the third year, students engage in thesis research and writing. The senior supervisor, in consultation with the graduate program chair, advises the student about course choices.

Students must complete

ENGL 880 - Pro-seminar I (4)

ENGL 881 - Pro-seminar II (4)

and five additional graduate courses (including one course outside the student's area of specialization)

and both of

ENGL 892 - PhD Field Exam One (4)

ENGL 893 - PhD Field Exam Two (4)

and a thesis prospectus

ENGL 894 - PhD Prospectus (4)

and a thesis

ENGL 899 - PhD Thesis (6)

Language requirement

PhD students must demonstrate to the supervisory committee an acceptable reading ability in a language other than English.

REVISED CALENDAR ENTRY

Program Length

Students are expected to complete the program requirements in 12 terms (4 years).

Other Information

Supervision

Upon admission, the graduate chair is the advisor until a senior supervisor and supervisory committee are confirmed. Each student is matched with a potential senior supervisor, normally upon admission, and the supervisory committee should be formed during the first year and no later than the beginning of the field exams. Student and senior supervisor are encouraged to meet early. From the supervisory committee's appointment, the student and senior supervisor meet at least three times a term through the field exam period, thesis prospectus term, and thesis research/ writing period.

Field exams

The field exam process begins at the start of the third doctoral term, normally in the first summer term, and must be completed by the end of the sixth term. There are two fields to be completed consecutively in the fourth and fifth terms. The thesis prospectus is written in the sixth term.

Field exams are take home essays, written within a week and graded "in progress/complete". In exceptional cases a distinction will be recognized. A field exam can be repeated not later than the following term. A second failure requires a review of the student's progress. Normally, those who fail two field exams must withdraw from the program. Once the field exams are complete, the student begins the thesis prospectus in preparation for writing the thesis.

Field Committees

The committee for the secondary field, which will be written first, consists of an advisor who is a field specialist and one knowledgeable faculty member. The primary field committee, which will be written second, consists of three faculty members: the primary field advisor (normally the thesis supervisor) and two faculty members in the field.

Secondary Field

The secondary field examination paper ensures a comprehensive expertise in an area of study distinct from, but providing a basis of, knowledge that is useful to the student's field of specialization. The department offers fields in three general areas (historical, geographical, and theoretical) and may consider other fields if faculty and library resources are sufficient and it is academically appropriate.

Primary Field

The primary field exam ensures that students have a broad knowledge and understanding of the literature, historical contexts and critical history of the primary field of English studies that is germane to their thesis area and in which they will be claiming expertise as university teachers and scholars.

Thesis Prospectus

The thesis prospectus guides students toward defining a thesis topic and is undertaken normally in the sixth term following the completion of the second field exam. The supervisory committee for the thesis prospectus will be the thesis committee that was formed for the primary field.

Thesis

After the completion of the thesis prospectus, the candidate will write a scholarly thesis normally consisting of between 200 and 250 pages (not including bibliography). The completed thesis is defended in an oral exam. The (defence) examining committee consists of a chair (normally the graduate program chair),

**REVISED
CALENDAR ENTRY**

members of the supervisory committee (senior supervisor and at least one other department member), a faculty member external to the department, and an external examiner who is not a member of Simon Fraser University.

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 Political Science (Graduate Program)

<p>Summary of change:</p> <p>POL 800 replaces POL 801 as a required methods course for all M.A. students in Political Science.</p>
<p>Rationale for change:</p> <p>POL 801 does not provide our M.A. students with the basic methods skills that they need; instead, that course focuses on research epistemologies, which are important but more appropriate for Ph.D. students. POL 800, which will be required in lieu of POL 801 for M.A. students, will provide these students with basic research skills that are currently not being taught in existing courses. POL 801 will continue to be required for Ph.D. students.</p>
<p>Effective term and year:</p> <p>September 2017</p>
<p>Will this change impact current students? If yes, what is the plan for current students?</p> <p>No</p>

FROM	TO
<p>Extended Essays or Project Option Students who choose the extended essays or project option will complete a total of six courses, including</p> <p><u>POL 801— Epistemological and Theoretical Perspectives in Political Science (5)</u></p> <p>Students with credit for POL 813 may not take this course for further credit.</p>	<p>Extended Essays or Project Option Students who choose the extended essays or project option will complete a total of six courses, including</p> <p><u>POL 800 - Research Design in Political Science (5)</u></p>
<p>Thesis Option In the thesis option, students must submit to the thesis supervisory committee a thesis proposal outlining a brief topic summary, its relevance, the methodology to be followed, a chapter-by-chapter outline, thesis completion timetable and a bibliography. The proposal must be approved by the thesis supervisory committee. Students in the thesis stream complete a total of five courses, including</p> <p><u>POL 801— Epistemological and Theoretical Perspectives in Political Science (5)</u></p> <p>Students with credit for POL 813 may not take this course for further credit.</p>	<p>Thesis Option In the thesis option, students must submit to the thesis supervisory committee a thesis proposal outlining a brief topic summary, its relevance, the methodology to be followed, a chapter-by-chapter outline, thesis completion timetable and a bibliography. The proposal must be approved by the thesis supervisory committee. Students in the thesis stream complete a total of five courses, including</p> <p><u>POL 800 - Research Design in Political Science (5)</u></p>
<p>Course-intensive Option Students in the course-intensive option will complete seven courses, including</p> <p><u>POL 801— Epistemological and Theoretical Perspectives in Political Science (5)</u></p> <p>Students with credit for POL 813 may not take this course for further credit.</p>	<p>Course-intensive Option Students in the course-intensive option will complete seven courses, including</p> <p><u>POL 800 - Research Design in Political Science (5)</u></p>



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MEMORANDUM

ATTENTION Wade Parkhouse, Dean of Graduate Studies **DATE** February 10, 2017
FROM Zoë Druick, FCAT Associate Dean & Chair, **PAGES**
FCAT-Graduate Studies Committee
RE: SGSC Agenda Item – SIAT Calendar entry

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

1) Calendar language related to the introduction of a cohort model in SIAT.

Thank you for your attention to this matter.

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

cc: Lyn Bartram, Graduate Program Chair, SIAT

/encl

ZD/ld



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MEMORANDUM

ATTENTION Zoe Druick, **DATE** February 9, 2017
FROM Lyn Bartram, SIAT Graduate Program Chair **PAGES** 1
RE: SIAT Graduate Cohort Proposal

This program structure change to the cohort model involving a group of three new courses was passed by the School of Interactive Arts and Technology in January 2016. The courses (subsequently approved by Senate) were approved by the School of Interactive Arts and Technology in May of 2016.

Lyn Bartram
Associate Professor and Graduate Chair,
School of Interactive Arts and Technology,
Simon Fraser University

Calendar Entry Change for Interactive Arts MA

<p>Summary of change: Required Courses for the Master's program have changed. All Master's students take 15 course units, of which 9 course units (3 courses) are IAT 806, IAT 803, and 804; 3 course units (1 course) can be any SIAT graduate elective; and the remaining 3 course units can be any graduate course. The required SIAT units may not include a Directed Reading course. All units must be graduate courses.</p>
<p>Rationale for change: We added two new courses (IAT 803 and IAT 804) and revised IAT 800 into a new course, IAT 806, to comprise a cohort course structure. The goal is to both promote scholarly community building and to enable shared foundations of knowledge. The cohort courses are designed to provide a basis for a shared foundation of knowledge.</p> <p>The changes to the SIAT graduate course requirements are the result of a two-year consultation process with graduate students and faculty, during which three important grounding themes emerged: the need for a consistent SIAT scholarly experience with shared foundations of knowledge; a strong desire for cohort to build community; and a representation of the broad scope of research in SIAT faculty. The changes are both content and structural, comprising three new foundation courses that form the basis of a cohort structure that all students will take.</p>
<p>Effective term and year: September 2017</p>
<p>Will this change impact current students? No</p>

FROM	TO
<p>MASTER OF ARTS</p> <p>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 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.</p> <p>The program has the quadruple objectives of: first, research and development of new computational technology in the context of</p>	<p>MASTER OF ARTS</p> <p>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</p>

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.

[...]

Program Requirements

~~The MA program requires a minimum of 30 units, consisting of course work (15 units), two terms of a research colloquium (0 units) and a thesis (15 units).~~

Course Requirements

Students complete

~~IAT 800 – Foundations of Computational Art and Design (3)*~~

~~and one of~~

~~IAT 801 – Qualitative Research Methods and Design (3)~~

~~IAT 802 – Quantitative Research Methods and Design (3)~~

~~and two of~~

~~IAT 810 – New Media (3)~~

~~IAT 811 – Computational Poetics (3)~~

~~IAT 812 – Cognition, Learning and Collaboration (3)~~

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 [...]

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, Society and Culture (3)

IAT 804 – Foundations of Research Design (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.

~~IAT 813 – Artificial Intelligence in
Computational Art and Design (3)~~

~~IAT 814 – Knowledge, Visualization and
Communication (3)~~

~~The remaining course units can be fulfilled
by completing a SIAT graduate elective, an
external graduate course, or a directed
readings course. Approval is required for an
external or directed readings course. The
supervisory committee may require a
student to complete an additional research
methods course as an elective.~~

~~* Advance credit may be granted for those
with sufficient formal educational
background in art and design computation
and be replaced with a SIAT graduate course.~~

Calendar Entry Change for Interactive Arts MSc

Summary of change:

Required Courses for the Master's program have changed. All Master's students take 15 course units, of which 9 course units (3 courses) are IAT 806, IAT 803, and 804; 3 course units (1 course) can be any SIAT graduate elective; and the remaining 3 course units can be any graduate course. The required SIAT units may not include a Directed Reading course. All units must be graduate courses.

Rationale for change:

We added two new courses (IAT 803 and IAT 804) and revised IAT 800 into a new course, IAT 806, to comprise a cohort course structure. The goal is to both promote scholarly community building and to enable shared foundations of knowledge. The cohort courses are designed to provide a basis for a shared foundation of knowledge.

The changes to the SIAT graduate course requirements are the result of a two-year consultation process with graduate students and faculty, during which three important grounding themes emerged: the need for a consistent SIAT scholarly experience with shared foundations of knowledge; a strong desire for cohort to build community; and a representation of the broad scope of research in SIAT faculty. The changes are both content and structural, comprising three new foundation courses that form the basis of a cohort structure that all students will take.

Effective term and year: September 2017

Will this change impact current students? No

FROM	TO
<p>MASTER OF SCIENCE</p> <p>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 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.</p>	<p>MASTER OF SCIENCE</p> <p>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</p>

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.~~

[...]

Program Requirements

~~The MSc program requires a minimum of 30 units, consisting of course work (15 units), two terms of a research colloquium (0 units) and a thesis (15 units).~~

Course Requirements

Students complete

~~IAT 800 – Foundations of Computational Art and Design (3) *~~

~~and one of~~

~~IAT 801 – Qualitative Research Methods and Design (3)~~

~~IAT 802 – Quantitative Research Methods and Design (3)~~

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.

[...]

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, Society and Culture (3)

IAT 804 – Foundations of Research Design (3)

IAT 806 – Interdisciplinary Design Approaches to Computing (3)

The remaining course units can be

~~and two of~~

~~IAT 812 - Cognition, Learning and
Collaboration (3)~~

~~IAT 813 - Artificial Intelligence in
Computational Art and Design (3)~~

~~IAT 814 - Knowledge, Visualization and
Communication (3)~~

The remaining course units can be fulfilled by completing a SIAT graduate elective, an external graduate course, or a directed readings course. Approval is required for an external or directed readings course. The supervisory committee may require a student to complete an additional research methods course as an elective.

* Advance credit may be granted for those with sufficient formal educational background in art and design computation and be replaced with a SIAT graduate course.

fulfilled by completing a SIAT graduate elective, **special topics** or a directed readings course.

Calendar Entry Change for PhD ...

Summary of change:

Required courses for the PhD program have changed. All PhD students take 12 course units. Students with a non-SIAT Master's must normally take 3 SIAT graduate courses, of which 6 course units (2 courses) must be chosen from the set of IAT 800, IAT 803 and 804 ;3 course units (1 course) can be any SIAT graduate elective; and the remaining 3 course units can be any graduate course. Students with a SIAT Master's must normally take any two SIAT graduate courses and any 2 electives. The required SIAT units may not include a Directed Readings course. All units must be graduate courses.

Rationale for change:

We added two new courses (IAT 803 and IAT 804) and revised IAT 800 into a new course, IAT 806, to comprise a cohort course structure. The goal is to both promote scholarly community building and to enable shared foundations of knowledge. It is expected that PhD students will have prior knowledge of the material in at least one of the three courses. PhD students choose 2 of the three courses, allowing them sufficient breadth in their course choices while participating in the cohort.

The changes to the SIAT graduate course requirements are the result of a two-year consultation process with graduate students and faculty, during which three important grounding themes emerged: the need for a consistent SIAT scholarly experience with shared foundations of knowledge; a strong desire for cohort to build community; and a representation of the broad scope of research in SIAT faculty. The changes are both content and structural, comprising three new foundation courses that form the basis of a cohort structure that all students will take.

Effective term and year: September 2017

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

No.

FROM	TO
<p>Students complete a minimum of 12 units of graduate coursework. For students with a SIAT Master's, 6 units must normally be SIAT graduate courses; for students with a non-SIAT Master's, 9 units must normally be SIAT graduate courses. Advance credit for required courses will be granted if they have been previously taken, but the unit requirements must be filled with other SIAT graduate courses as above.</p> <p>Students complete IAT 800 Foundations of Computational Art and Design (3) *</p> <p>and one of IAT 801 Qualitative Research Methods and Design (3) IAT 802 Quantitative Research Methods and Design (3).</p>	<p>Students complete a minimum of 12 unit , of which 6 to 9 must normally be SIAT course units.</p> <p>For students with a non-SIAT Master's, 9 units must normally be SIAT graduate courses. Required courses include two of:</p> <p>IAT 803 – Science, Technology, Society and Culture (3)</p> <p>IAT 804 Foundations of Research Design (3)</p> <p>IAT 806 - Interdisciplinary Design Approaches to Computing (3) .</p> <p>Students complete any remaining requirements from electives, special topics and directed readings courses.</p> <p>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.</p>

and one of

~~IAT 810—New Media (3)~~

~~IAT 811—Computational Poetics (3)~~

~~IAT 812—Cognition, Learning and Collaboration
(3)~~

~~IAT 813—Artificial Intelligence in Computational
Art and Design (3)~~

~~IAT 814—Knowledge, Visualization and
Communication (3).~~

~~The remaining course units can be fulfilled by
completing a SIAT graduate elective, an external
graduate course, or a directed readings course.
Approval is required for an external or directed
readings course. The supervisory committee may
require a student to complete an additional research
methods course as an elective.~~

~~* Advance credit may be granted for those with
sufficient formal educational background in art and
design computation and be replaced with a SIAT
graduate course.~~

MEMO

Graduate Studies

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ATTENTION: Senate Graduate Studies Committee

FROM: Shawn Bullock, Associate Dean, Graduate Studies in
Education

RE: Faculty of Education curriculum changes

DATE: 2017 January 30

The following changes have been approved by the Faculty of Education and are forwarded to the Senate Graduate Studies Committee for approval. These curriculum items should be effective for the Fall 2017 term. Please include on the next SGSC agenda.

Program change for MA in Educational Technology and Learning Design
Course change: EDUC 928

Should you have any questions regarding this matter, please do not hesitate to contact me directly.


for Shawn M. Bullock, Ph.D., P. Phys.
Associate Dean, Graduate Studies in Education

Calendar Entry Change for Educational Technology and Learning Design Master of Arts

<p>Summary of change:</p> <ul style="list-style-type: none"> • Remove elective course • Change minimum course unit requirement
<p>Rationale for change:</p> <ul style="list-style-type: none"> • The elective course creates scheduling difficulties for students that conflict with their thesis work.
<p>Effective term and year:</p> <ul style="list-style-type: none"> • Fall 2017
<p>Will this change impact current students? If yes, what is the plan for current students?</p> <ul style="list-style-type: none"> • Current students who have not already completed their elective course will not need to complete this requirement.

FROM	TO
<p>Simon Fraser University Calendar </p> <p>Educational Technology and Learning Design Master of Arts</p> <p>The master of arts (MA) degree signifies the acquisition of advanced knowledge in the student's field of specialization and competence in conducting significant and original research in education. Graduate programs leading to this degree culminates with a master's thesis (EDUC 898).</p> <p>The program takes a scholarly approach to learning technologies design, plans for its uses, and/or evaluation of technology based learning innovations. Designed to accommodate students who work full time during the day or who take a leave to study full time, the program supports diverse cohorts including K-12 teachers, college instructors, instructional designers, and aspiring academics. Applicants from a wide variety of educational and technical backgrounds are welcome.</p> <p>The program requires a minimum of 28 units of course work and a thesis (EDUC 898-10).</p>	<p>Simon Fraser University Calendar Fall 2017</p> <p>Educational Technology and Learning Design Master of Arts</p> <p>The master of arts (MA) degree signifies the acquisition of advanced knowledge in the student's field of specialization and competence in conducting significant and original research in education. Graduate programs leading to this degree culminates with a master's thesis (EDUC 898).</p> <p>The program takes a scholarly approach to learning technologies design, plans for its uses, and/or evaluation of technology based learning innovations. Designed to accommodate students who work full time during the day or who take a leave to study full time, the program supports diverse cohorts including K-12 teachers, college instructors, instructional designers, and aspiring academics. Applicants from a wide variety of educational and technical backgrounds are welcome.</p> <p>The program requires a minimum of 24 units of course work and a thesis (EDUC 898-10).</p>

Admission Requirements

See graduate general regulation 1.3 for University admission requirements. In exceptional circumstances, applicants who do not meet these requirements may be considered if superior scholarly or professional achievement is demonstrated.

Graduate education admission is granted to a specific degree and to a particular program or specialization. Application information is available from the Faculty of Education.

Conditional Admission

Depending upon completed academic course work, students may be admitted conditionally upon completing Faculty of Education prerequisite courses.

Program Requirements

Students complete all of

EDUC 864 - Research Designs in Education (5)
EDUC 890 - Educational Media as Foundations of Curriculum (4)
EDUC 891 - Learning Design in Technology-Mediated Environments (4)
EDUC 892 - Cognitive Tools and Multimedia Learning (4)
EDUC 893 - Organizational and Social Aspects of Learning Technology Design (4)

and one of

EDUC 863 - Quantitative Methods in Educational Research (3)
EDUC 866 - Qualitative Methods in Educational Research (5)

~~and one elective course~~

Thesis

Normally, before the fifth course, a master's thesis research plan is presented to the tenured or tenure track member of the faculty whom the student proposes to be senior supervisor. The senior supervisor and at least one other faculty member chosen in consultation with the senior supervisor constitutes the supervisory committee and the student proceeds to the thesis by completing:

EDUC 898 - Master's Thesis (10)

Admission Requirements

See graduate general regulation 1.3 for University admission requirements. In exceptional circumstances, applicants who do not meet these requirements may be considered if superior scholarly or professional achievement is demonstrated.

Graduate education admission is granted to a specific degree and to a particular program or specialization. Application information is available from the Faculty of Education.

Conditional Admission

Depending upon completed academic course work, students may be admitted conditionally upon completing Faculty of Education prerequisite courses.

Program Requirements

Students complete all of

EDUC 864 - Research Designs in Education (5)
EDUC 890 - Educational Media as Foundations of Curriculum (4)
EDUC 891 - Learning Design in Technology-Mediated Environments (4)
EDUC 892 - Cognitive Tools and Multimedia Learning (4)
EDUC 893 - Organizational and Social Aspects of Learning Technology Design (4)

and one of

EDUC 863 - Quantitative Methods in Educational Research (3)
EDUC 866 - Qualitative Methods in Educational Research (5)

Thesis

Normally, before the fifth course, a master's thesis research plan is presented to the tenured or tenure track member of the faculty whom the student proposes to be senior supervisor. The senior supervisor and at least one other faculty member chosen in consultation with the senior supervisor constitutes the supervisory committee and the student proceeds to the thesis by completing:

EDUC 898 - Master's Thesis (10)

**DEPARTMENT OF ARCHAEOLOGY
MEMORANDUM**

To: Dongya Yang, Associate Dean, Graduate, Faculty of Environment

From: Dana Lepofsky, Graduate Program Chair, Archaeology

Re: Archaeology Graduate Calendar Changes for Review and Approval

Date: October 27, 2016

Calendar Changes

The following calendar changes are submitted to the Chair of the Faculty of Environment Curriculum Committee for consideration, as needed, by the committee at its next meeting. Pending approval, the following calendar changes will be effective Fall term 2017.

Course Creation Forms

- ARCH 874
- ARCH 875

Course Modification Forms

- ARCH 872 unit change
- ARCH 873 unit change

Proposed archaeology MA calendar entry changes

- There have been no changes to the program requirements.
- The total units for the program were added.
- The advancement to candidacy information was updated.

Proposed Archaeology PhD calendar entry changes

- ARCH 874 and 875 were added to the calendar entry to make it easier to track these milestones in the Academic Progress Report and to show them on the student's transcript.
- The total units for the program was added.
- The advancement to candidacy information was updated.



Please note:

To view the Spring 2017 Academic Calendar go to <http://www.sfu.ca/students/calendar/2017/spring.html>

Department of Archaeology | Faculty of Environment
Simon Fraser University Calendar | Summer 2017

Archaeology

MASTER OF ARTS

Areas of Study

The department offers specialization in archaeometry, art, ceramic analysis, cultural resource management, ethnoarchaeology, forensic anthropology, geoarchaeology, historical archaeology, lithic analysis, palaeoanthropology, palaeoethnobotany, skeletal biology and zooarchaeology.

The student gains a comprehensive understanding of the discipline and strives to acquire a general knowledge of world prehistory, physical anthropology, and archaeological theory and method, in addition to gaining knowledge and expertise in particular areas of research interest. Depending on enrolments, individual or group courses can be arranged in addition to regularly scheduled courses.

Degree Requirements

A distinction is made between program enrolment and formal advancement to degree candidacy. A candidate is a student who successfully completes advancement to candidacy requirements (defined below). Normally, advancement happens once the Simon Fraser University residency is fulfilled, but not later than the end of the ninth term after PhD admission and not later than the end of the sixth term for MA students.

Program Requirements

This program consists of these sequential steps: course requirements, thesis prospectus, colloquium presentation, advancement to candidacy, and thesis completion and defence. Students are expected to complete all MA program requirements in a maximum of nine terms of full-time enrolment.

Course Requirements

In addition to the thesis, students complete the two core graduate courses as shown below.

ARCH 871 - Archaeological Theory (5)

ARCH 876 - Research Design (5)

Students also complete one or more additional courses for graduate credit. Individual course requirements are determined in consultation with the supervisory committee.

Each term that these courses are offered, students are also required to complete both of

ARCH 872 - Graduate Seminar in Archaeology and Prehistory (0)

ARCH 873 - Graduate Seminar in Archaeology and Prehistory (2)

Course requirements, thesis prospectus and colloquium presentation should be completed by full-time students by the end of the second term.

Advancement to Candidacy

Formal advancement to candidacy happens when the following have been completed

completion of two of the minimum three graduate courses

submission of written thesis prospectus to the supervisory committee outlining the proposed research and relevant background to the research

approval of the thesis prospectus by the supervisory committee, followed by the presentation of an oral colloquium on the substance of the prospectus.

The colloquium is not considered a defence of the prospectus, but a means whereby the student may benefit from the department's expertise.

Language Requirement

A knowledge of a language other than English is desirable, but there are no prescribed language requirements. However, if knowledge of a language is necessary for the field work or reading, he/she will be required to attain the necessary language proficiency.

Thesis

After the above, students advance to candidacy and complete and defend the thesis. The defence topic should be the thesis itself and related matters. It should be focused on problem-oriented research, involving the conceptualization of a problem, and the collection, analysis and interpretation of data. It should not normally exceed 100 pages of text. Students are expected to complete the MA thesis in a maximum of six terms of full-time enrolment.

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

Archaeology

MASTER OF ARTS

Description of Program

The department offers specializations in archaeometry, art, ceramic analysis, cultural resource management, ethnoarchaeology, forensic anthropology, geoarchaeology, historical archaeology, lithic analysis, palaeoanthropology, palaeoethnobotany, skeletal biology, and zooarchaeology.

In addition to gaining knowledge and expertise in particular areas of research interest, the student will gain a comprehensive understanding of the discipline and strive to acquire a general knowledge of world prehistory, physical anthropology, and archaeological theory and methods. Depending on enrolment, individual or group courses can be arranged in addition to regularly scheduled courses.

Admission Requirements

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

Program Requirements

This program consists of the following sequential steps for a minimum of 33 units: course requirements, thesis prospectus, colloquium presentation, advancement to candidacy, thesis completion, and defence. The course requirements, thesis prospectus, and the colloquium presentation should be completed by students by the end of the second term.

Students must complete the following

- ARCH 871 - Archaeological Theory (5)
- ARCH 872 - Graduate Seminar in Archaeology and Prehistory (1)
- ARCH 873 - Graduate Seminar in Archaeology and Prehistory (1)
- ARCH 876 - Research Design (5)

and one or more additional courses with a minimum of three units and approval by the supervisory committee

and a thesis

- ARCH 898 - MA Thesis (18)

Advancement to Candidacy

A distinction is made between program enrolment and formal advancement to degree candidacy. A candidate is a student who has successfully completed the advancement to candidacy requirements (defined below).

Formal advancement to MA candidacy takes place when the following requirements have been met:

- Completion of three required graduate courses;
- Completion of a prospectus and presentation of a colloquium as part of ARCH 876

Thesis

REVISED CALENDAR ENTRY

The thesis should be focused on problem-oriented research, involving the conceptualization of a problem, and the collection, analysis and interpretation of data. It should normally not exceed 100 pages of text.

Program Length

Students are required to complete the program requirements in nine terms, and are encouraged to complete in less time.

Other Information

There are no prescribed language requirements but knowledge of a language other than English is desirable. If knowledge of a language is necessary for field work or reading, however, the student will be required to attain the necessary language proficiency.

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 Spring 2017 Academic Calendar go to <http://www.sfu.ca/students/calendar/2017/spring.html>

Department of Archaeology | Faculty of Environment
Simon Fraser University Calendar | Summer 2017

Archaeology

DOCTOR OF PHILOSOPHY

Areas of Study

The department offers specialization in archaeometry, art, ceramic analysis, cultural resource management, ethnoarchaeology, forensic anthropology, geoarchaeology, historical archaeology, lithic analysis, palaeoanthropology, palaeoethnobotany, skeletal biology and zooarchaeology.

The student gains a comprehensive understanding of the discipline and strives to acquire a general knowledge of world prehistory, physical anthropology, and archaeological theory and method, in addition to gaining knowledge and expertise in particular areas of research interest. Depending on enrollments, individual or group courses can be arranged in addition to regularly scheduled courses.

Degree Requirements

A distinction is made between program enrolment and formal advancement to degree candidacy. A candidate is a student who successfully completes advancement to candidacy requirements (defined below). Normally, advancement happens once the Simon Fraser University residency is fulfilled, but not later than the end of the ninth term after PhD admission and not later than the end of the sixth term for MA students.

The doctoral program consists of these sequential steps: course requirements, comprehensive exam, thesis prospectus, colloquium presentation, advancement to candidacy, thesis completion and defence.

Course Requirements

In addition to the comprehensive exams and thesis, students must complete the two core graduate courses as shown below

ARCH 871 - Archaeological Theory (5)

ARCH 876 - Research Design (5)

Students also complete one or more additional courses for graduate credit. Individual course requirements are determined in consultation with the supervisory committee.

Each term that these courses are offered, students are also required to complete both of

ARCH 872 - Graduate Seminar in Archaeology and Prehistory (0)

ARCH 873 - Graduate Seminar in Archaeology and Prehistory (2)

Comprehensive Exam

Students write a comprehensive examination prior to candidacy to test general knowledge in archaeology and in three regional or topical areas. Grading is on a pass/fail basis but the examination or parts thereof may be repeated once, at the department's discretion.

Advancement to Candidacy

Formal advancement to candidacy happens when the following have been completed:

- completion of two of the minimum three graduate courses, and successful performance in the comprehensive exam

- submission of a written thesis prospectus to the supervisory committee, outlining proposed research and relevant background to the research.

- approval of the thesis prospectus by the supervisory committee, followed by presentation of an oral colloquium on the substance of the prospectus.

The colloquium is not considered a defence of the prospectus, but a means whereby students may benefit from the department's collective expertise.

Language Requirement

A knowledge of a language other than English is desirable, but there are no prescribed language requirements. However, if knowledge of a language is necessary for the field work or reading, he/she will be required to attain the necessary language proficiency.

Thesis

After the above, students advance to candidacy, and complete and defend the thesis. The defence topic will be the thesis itself and related matters. The thesis should represent original, problem-oriented research which makes a significant contribution to knowledge.

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

Archaeology

DOCTOR OF PHILOSOPHY

Description of Program

The department offers specializations in archaeometry, art, ceramic analysis, cultural resource management, ethnoarchaeology, forensic anthropology, geoarchaeology, historical archaeology, lithic analysis, palaeoanthropology, palaeoethnobotany, skeletal biology, and zooarchaeology.

In addition to gaining knowledge and expertise in particular areas of research interest, the student will gain a comprehensive understanding of the discipline and strive to acquire a general knowledge of world prehistory, physical anthropology, and archaeological theory and methods. Depending on enrolment, individual or group courses can be arranged in addition to regularly scheduled courses.

Admission Requirements

Applicants must satisfy the University admission requirements as stated in Graduate General Regulations 1.3 in the SFU Calendar. Normally, students must have completed an MA thesis in order to be admitted to a PhD program at SFU. Students who have an exceptional record of publication may be admitted to the PhD program without an MA thesis.

Program Requirements

This program consists of the following sequential steps for a minimum of 21 units: course requirements, comprehensive exam, thesis prospectus, colloquium presentation, advancement to candidacy, thesis completion, and defence.

Students must complete the following

ARCH 871 - Archaeological Theory (5)

ARCH 872 - Graduate Seminar in Archaeology and Prehistory (1)

ARCH 873 - Graduate Seminar in Archaeology and Prehistory (1)

ARCH 876 - Research Design (5)

and one or more additional courses with a minimum of three units and approval by the supervisory committee. Doctoral students entering with an MA from the Department of Archaeology at Simon Fraser University are required to take three courses for a minimum of thirteen units.

and a prospectus and presentation of colloquium

ARCH 874(0)-PhD Prospectus & Colloquium

and a comprehensive exam

ARCH 875(0)- PhD Comprehensive Examination (0)

and a thesis

ARCH 899 - PhD Thesis (6)

Comprehensive Exam

Students write a comprehensive examination prior to candidacy to test general knowledge in archaeology and in three regional or topical areas. Grading is on a satisfactory/unsatisfactory basis but the examination or parts thereof may be repeated once, at the department's discretion.

REVISED CALENDAR ENTRY

Advancement to Candidacy

A distinction is made between program enrolment and formal advancement to degree candidacy. A candidate is a student who has successfully completed the advancement to candidacy requirements (defined below).

Formal advancement to PhD candidacy takes place when the following requirements have been met:

- Completion of three required graduate courses;
- Completion of ARCH 874;
- Completion of ARCH 875.

Thesis

The defence topic will be the thesis itself and related subject matter. The thesis should present original, problem-oriented research which makes a significant contribution to knowledge.

Program Length

Students are expected to complete the program requirements within fifteen terms, and are encouraged to complete in less time.

Other Information

There are no prescribed language requirements but knowledge of a language other than English is desirable. If knowledge of another language is necessary for field work or reading, however, the student will be required to attain the necessary language proficiency.

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.

MEMO

Faculty of Science

ATTENTION Wade Parkhouse, Dean, Graduate Studies

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

RE Minor Course and Calendar Changes, Department of
Chemistry

DATE February 16, 2017

TIME 10:50
AM

The attached includes calendar changes for the MSc and PhD programs in the Department of Chemistry. These changes are necessary to comply with the degree audit program.

The attached also includes a request to remove the Chemistry Graduate Co-operative Education Program from the calendar.

These changes are approved by me on behalf the Faculty of Science Graduate Studies Committee. Please add them to the agenda for the next SGSC meeting.



P. Ruben

SFU

MEMO

ATTENTION: Peter Ruben, Associate Dean, Research
Advancement, Faculty of Science

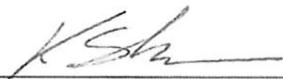
Department of
Chemistry

FROM: Krzysztof Starosta, Chair, Graduate Studies
Committee, Department of Chemistry

RE: Calendar Entry Changes

DATE: February 1, 2017

The following request to remove the Chemistry Graduate Co-operative Education Program from the academic calendar has been approved by the Department of Chemistry and is forwarded to the Faculty of Science for approval. These curriculum items should be effective for fall 2017. Please include them on the next FGSC agenda.



Krzysztof Starosta
Chair, Graduate Studies Committee
Department of Chemistry

Calendar Entry Change for Chemistry Graduate Co-operative Education Program

<p>Summary of change: Remove from the Academic Calendar</p>
<p>Rationale for change: This program was never formally offered.</p>
<p>Effective term and year: Fall 2017</p>
<p>Will this change impact current students? If yes, what is the plan for current students? No</p>

FROM	TO
<p>This option facilitates work experience outside the academic sphere.</p> <p>Admission Requirements Enrolment requires graduate program committee approval. Applicants will find an online application form at www.sfu.ca/dean-gradstudies/prosp-students/application-process.</p> <p>Program Requirements Students who are enrolled in the master of science (MSc) program may enrol in Enrolment in the co-operative education program is only tenable after the completion of an MSc thesis and defence, but before formal graduation.</p>	

MEMO**Department of
Chemistry**

ATTENTION: Peter Ruben, Associate Dean, Research
Advancement, Faculty of Science

FROM: Krzysztof Starosta, Chair, Graduate Studies
Committee, Department of Chemistry

RE: Calendar Entry Changes

DATE: January 27, 2017

The following calendar changes for the MSc and PhD program have been approved by the Department of Chemistry and are forwarded to the Faculty of Science for approval. These curriculum items should be effective for fall 2017. Please include them on the next FGSC agenda.



Krzysztof Starosta
Chair, Graduate Studies Committee
Department of Chemistry

Please note:

To view the Spring 2017 Academic Calendar go to <http://www.sfu.ca/students/calendar/2017/spring.html>

Department of Chemistry
Simon Fraser University Calendar | Summer 2017

Chemistry

MASTER OF SCIENCE

Admission Requirements

See *Graduate Regulation 1.3, Admission* within graduate studies general regulations.

In addition, all students must have a TOEFL (Test of English as a Foreign Language) score of 100 or an IELTS (International English Language Testing Systems) score of 7.0.

Applicants send their transcript, their publications, research ability, three references with confidential report, and their CV. An online application form is available at www.sfu.ca/dean-gradstudies/prosp_students/application_process

Program Requirements

The minimum requirement is 12 units of graduate coursework, including CHEM 801, which students are required to take as early in their program as possible; and CHEM 802, which students are required to take in the earliest semester possible, following the completion of CHEM 801.

All students are required to attend 75% of weekly seminars each semester unless recognized conflicts exist. Failure to meet this requirement will result in an assessment of 'unsatisfactory progress' at the student's next committee meeting (see Graduate General Regulation 1.8.2)

Thesis

A major part of this program is original research. A thesis describing this is submitted and defended.

See *Graduate Regulation 1.10, Examinations* within graduate studies general regulations.

Time Limit

Students enrolled in the MSc program in Chemistry shall complete all requirements for a master's degree within 9 terms of full-time enrollment. Failure to successfully defend a master's thesis within 9 terms will be considered unsatisfactory progress (see Graduate

General Regulation 1.8.2) Following assessment of the case, the department Graduate Studies Committees will impose a timeline within which the thesis must be defended or require the student to withdraw from the program.

Supervisory Committee

An assigned graduate supervisory committee meets with the student at least once a year to assess progress. The first meeting must occur before the end of the second term when the student makes an oral presentation of the research proposal. In subsequent years research progress must be reported.

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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Chemistry

MASTER OF SCIENCE

Description of Program

The department of Chemistry offers programs leading to a degree in analytical, materials, chemical biology, organic, inorganic, nuclear, physical, and theoretical chemistry, but also encourages studies at the interface of two or more sub-disciplines. The MSc program offers a graduate-level education in chemistry that involves mastering methods and techniques as well as writing and defending a thesis.

Admission Requirements

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

Program Requirements

This program consists of required courses, elective courses, and a thesis for a minimum of 30 units.

Students must complete

CHEM 801 – Student Seminar (3)

CHEM 802 – MSc Research Proposal and Examination (3)

(Students are required to take CHEM 801 and 802 in the first year of their program.)

and six units of graduate courses

and a thesis

CHEM 898 – MSc Thesis (18)

Program Length

Students are expected to complete the program requirements in 6 terms and complete the requirements in no more than 9 terms (see Graduate General Regulation 1.12.2).

Other Information

Weekly Seminars

Students are required to attend 75% of weekly seminars each term unless recognized conflicts exist. Students who fail to meet this requirement will receive an immediate assessment of 'unsatisfactory progress' from the Graduate Program Chair (see Graduate General Regulation 1.8.2).

Supervisory Committee

Department regulations require that the supervisory committee be formed and the first meeting occur before the end of the second term when the student makes an oral presentation of the research proposal. In subsequent years. The supervisory committee will meet yearly to provide guidance and feedback.

REVISED CHEMISTRY MSc

Thesis

Students are expected to carry out original research and a thesis describing this research is submitted and defended as a program requirement. See Graduate General Regulation 1.10 for more information.

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 Spring 2017 Academic Calendar go to <http://www.sfu.ca/students/calendar/2017/spring.html>

Department of Chemistry | Faculty of Science
Simon Fraser University Calendar | Summer 2017

Chemistry

DOCTOR OF PHILOSOPHY

Admission Requirements

See *Graduate Regulation 1.3 Admission* within graduate general regulations.

In addition, all students must have a TOEFL (Test of English as a Foreign Language) score of 100 or an IELTS (International English Language Testing Systems) score of 7.0.

Applicants send their transcript, their publications, research ability, three references with confidential report, and their CV. An online application form is available at www.sfu.ca/dean-gradstudies/prosp_students/application_process

Program Requirements

Students entering the program with a Bachelor of Science (BSc) degree or equivalent will complete 15 units in graduate courses including CHEM 808.

For students entering with a master's degree, nine units in graduate courses including CHEM 808 is required, but not including CHEM 801.

Students are required to maintain an average grade of B or higher throughout the program.

Thesis

A major part of this program is original research. A thesis describing this is submitted and defended.

Every term, students enrol in

CHEM 899 - PhD Thesis (6)

See the *Examinations* section within the graduate general regulations section.

Supervisory Committee

An assigned graduate supervisory committee meets with the student at least once a year to assess progress. The first meeting must occur before the end of the second term when the student makes an oral presentation of the research proposal. In subsequent years research progress must be reported.

Transfer from MSc to PhD Program

Transfer from the Department of Chemistry's Master of Science (MSc) program to the Doctor of Philosophy (PhD) program without submitting a MSc thesis must satisfy University requirements.

Evidence of research potential will be judged by the graduate program committee.

See the graduate general regulations section for further information.

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 CHEMISTRY PhD

Chemistry

DOCTOR OF PHILOSOPHY

Description of Program

The Department of Chemistry offers programs leading to a degree in analytical, materials, chemical, biology, organic, inorganic, nuclear, physical, and theoretical chemistry, but also encourages studies at the interface of two or more sub-disciplines. In the PhD program students must complete a body of original research, write and defend a thesis, and satisfy the coursework requirements.

Admission Requirements

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

Program Requirements

This program consists of graduate courses, a candidacy examination, and a thesis.

Entry with an MSc

Students must complete a minimum of 15 units, including

six units of graduate courses (not including CHEM 801 and CHEM 802)

a candidacy examination*

CHEM 808 – PhD Candidacy Examination (3)

and a thesis

CHEM 899 – PhD Thesis (6)

Entry with a BSc or equivalent (including students who transfer from the MSc to the PhD)

Students must complete a minimum of 21 units, including

12 units of graduate courses (not including CHEM 802)

a candidacy examination*

CHEM 808 – PhD Candidacy Examination (3)

and a thesis

CHEM 899 – PhD Thesis (6)

* Students must complete CHEM 808 prior to the end of the fourth program term, or the second term after transfer from the MSc program.

REVISED CHEMISTRY PhD

Program Length

Students are expected to complete the program requirements in four to five years with the possibility of one year extension. Failure to successfully defend a PhD thesis within the prescribed years will be considered unsatisfactory progress (see Graduate General Regulation 1.7.3)

Other Information

Transfer from MSc to PhD Program

A transfer from the Department of Chemistry MSc program to PhD program, without the submission of an MSc thesis, must satisfy the Chemistry PhD program requirements and University requirements. Evidence of research potential will be judged by the graduate program committee. See the Graduate General Regulations 1.3.4 for further information.

Supervisory Committee

Department regulations require that the supervisory committee be formed and the first meeting occur before the end of the second term when the student makes an oral presentation of the research proposal. In subsequent years, the supervisor committee will meet yearly to provide guidance and feedback.

Thesis

A major part of this program is original research of internationally recognized quality. A thesis describing the research is submitted and defended. See Graduate General Regulation 1.10 for more information.

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.