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MEMORANDUM

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

DATE November 8, 2017

For information:

Acting under delegated authority and at its meeting of November 6, 2017, SGSC approved the following program changes effective **Summer 2018**:

Faculty of Applied Sciences

- 1) Professional MSc in Computer Science

Faculty of Arts and Social Sciences

- 2) Economics MA
- 3) Economics PhD
- 4) Political Science MA
- 5) Political Science PhD

Beedie School of Business

- 6) Management of Technology MBA

Faculty of Education

- 7) Education Technology and Learning Design MED



MEMORANDUM

Attention Dr. Jeff Derksen
Dean, Graduate Studies

Date October 16, 2017

From Dr. Mirza Faisal Beg mfbeg@sfu.ca
Faculty of Applied Science, Graduate Studies Committee

Re: Big Data Master's program calendar change, and introduction of a new course MSE 800

The faculty of Applied Sciences Graduate Studies Committee would like to send the following two items for consideration by SGSC. These have been approved by FGSC by electronic vote.

~~MSE 800: A new 1 credit course titled "Becoming a professional Engineer."~~
CMPT 711: Remove from the Big Data Master's program. Rationale: CMPT 711 is not a suitable alternative to CMPT 705 and 706 for the big data students, as the concepts covered in it may require more biology background and may not cover algorithmic topics in sufficient depth for this very specialized program.

Documents for the above items are attached with this memo. I request you to please place these on the agenda for the next SGSC meeting.

Cc: Dr. Greg Mori, Director, School of Computing Science
Dr. Glenn Chapman, Director, School of Engineering Science
Dr. Farid Golnaraghi, Director, School of Mechatronic Systems Engineering

Calendar Entry Change for Computer Science Master of Science

<p>Summary of change:</p> <p>The School wants to remove CMPT 711 as an option from the program requirements for the Professional MSc in in Computer Science.</p>
<p>Rationale for change:</p> <p>CMPT 711 is not a suitable alternative to CMPT 705 and 706, as the concepts covered in it may require more biology background and may not cover algorithmic topics in sufficient depth for this very specialized program.</p>
<p>Effective term and year:</p> <p>Summer 2018</p>
<p>Will this change impact current students? If yes, what is the plan for current students?</p> <p>Yes. Students who entered in Fall 2017 will be recommended to take CMPT 705 or 706.</p>

FROM	TO
<p>Course Work for Big Data Specialization (at least 15 units)</p> <p>CMPT 726 – Machine Learning (3)</p> <p>One of</p> <p>CMPT 705 – Design and Analysis of Algorithms (3)</p> <p>CMPT 706 – Design and Analysis of Algorithms for Big Data (3)*</p> <p>CMPT 711 – Bioinformatics Algorithms (3)</p>	<p>Course Work for Big Data Specialization (at least 15 units)</p> <p>CMPT 726 – Machine Learning (3)</p> <p>One of</p> <p>CMPT 705 – Design and Analysis of Algorithms (3)</p> <p>CMPT 706 – Design and Analysis of Algorithms for Big Data (3)*</p>



FACULTY OF
ARTS AND SOCIAL SCIENCES

MEMO

Office of the Dean

ATTENTION: Jeff Derksen, Dean (Pro Tem)
Graduate & Postdoctoral Studies

STREET ADDRESS
Academic Quadrangle
Room 6168

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

MAILING ADDRESS
8888 University Drive
Burnaby BC Canada
V5A 1S6

RE: FASSGSC Proposals

DATE: October 12, 2017

778-782-4415 (Tel)
778-782-3033 (Fax)
www.sfu.ca/fass (Web)

The Faculty of Arts and Social Sciences Graduate Committee met on October 5, 2017 and passed the attached motions. Please place these items on the agenda for the next SGSC meeting.

We would like the above changes to become effective Summer 2018.

MOTIONS FOR THE FASSGSC MEETING OF OCTOBER 5, 2017

3. Department of Economics FASSGSC 17-8
a) ~~FASSGSC approve the new course ECON 985.~~
b) ~~FASSGSC approve the new course ECON 986.~~
c) ~~FASSGSC approve the new course ECON 987.~~
d) ~~FASSGSC approve the new course ECON 988.~~
e) FASSGSC approve the Program changes to the Department of Economics MA program and associated calendar language {program description, expected program length}.
f) FASSGSC approve the Program changes to the Department of Economics PhD program and associated calendar language {program description, expected program length}.
4. Department of Political Science FASSGSC 17-9
a) FASSGSC approve the Program changes to the Department of Political Science MA program and associated calendar language {program description, expected program length}.
b) FASSGSC approve the Program changes to the Department of Political Science PhD program and associated calendar language {expected program length}.
5. Department of Linguistics FASSGSC 17-10
a) ~~FASSGSC approve the new course LING 830.~~
b) ~~FASSGSC approve the new course LING 831.~~
c) ~~FASSGSC approve the new course LING 832.~~
d) ~~FASSGSC approve the new course LING 833.~~
e) ~~FASSGSC approve the new course LING 834.~~
f) ~~FASSGSC approve the new course LING 897.~~
g) ~~FASSGSC approve the new CSAR Program in Linguistics of a First Nations Language.~~



MEMO

ATTENTION	Lisa Shapiro, Chair, FASSGSC
FROM	Simon Woodcock, Graduate Chair, Dept. of Economics
RE	Curriculum changes
DATE	August 18, 2017

The following new courses and calendar entries have been approved by the Graduate Program Committee in Economics and are now forwarded to the FASS Graduate Curriculum Committee for review and approval.

New courses

- ~~ECON 985 – Comprehensive Examination in Microeconomic Theory~~
- ~~ECON 986 – Comprehensive Examination in Macroeconomic Theory~~
- ~~ECON 987 – Field Comprehensive Examination~~
- ~~ECON 988 – Second Field Comprehensive Examination~~

Master of Arts

- Added program description, minimum units of program, and expected program length.
- Removed information regarding when students may apply to co-op because this information is not correct.
- No changes were made to the program requirements.

PhD

- Added program description and expected program length.
- Added ECON 985 – Comprehensive Examination in Microeconomic Theory, ECON 986 – Comprehensive Examination in Macroeconomic Theory, ECON 987 – Field Comprehensive Examination, and ECON 988 – Second Field Comprehensive Examination, to formally recognize the required comprehensive exams and field exams that already exist for this program.



- Removed information already included in GGRs.
- Removed information regarding the thesis core and thesis seminar because this is no longer applicable.
- No changes were made to the program requirements.

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

Sincerely,

A handwritten signature in black ink, appearing to be "S. Woodcock", written over a horizontal line.

Simon Woodcock
Graduate Chair
Dept. of Economics



Please note:

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

Department of Economics
Simon Fraser University Calendar | Spring 2018

Economics

MASTER OF ARTS

Admission Requirements

See "1.3 Admission" for University admission requirements. As well, the department requires that the applicant must hold a bachelor's degree with honours in economics or business administration, or must complete additional work to that standard. Normally, the graduate admissions committee will specify the appropriate additional requirements at the time of admission.

Degree Requirements

The MA program has four options (see below). Under each option, ECON 798 is required in addition to other work, unless a grade acceptable to the graduate program committee has been obtained in equivalent courses. An undergraduate course can be used with the approval of the graduate program committee.

thesis option – seven courses including core work and an original thesis

extended essay option – seven courses including core work and two extended essays

project option – eight courses including core work and a research project

course option – nine courses including core work and ECON 899 (MA Research Paper)

Core Course Work

The core course work will normally consist of

ECON 802 - Microeconomic Theory I (4)

ECON 835 - Econometrics (4)

ECON 836 - Applied Econometrics (4)

and one of

ECON 807 - Macroeconomic Theory and Policy (4)

Elective Course Work

The remaining courses beyond those designated as core work will be ECON graduate courses or, with permission of the graduate program chair, courses in graduate business administration and other subjects.

Research and Oral Examination

Under the thesis, extended essay or project option, research papers (not including ECON 899) must meet the standards set out in the Graduate General Regulations (see 1.9). An oral examination is required covering the students' written research in particular, and program in general, as outlined in the Graduate Regulations.

Co-operative Education

This optional program provides work experience that complements MA studies.

MA students in good standing with a minimum 3.0 GPA may apply to co-op after satisfactory completion of their core course work.

The program consists of one or two separate work terms. Arrangements are made through the Faculty of Arts and Social Sciences co-op co-ordinator during the first semester of study (see Co-operative Education). To participate, prior approval from the graduate chair in the Department of Economics is required.

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

Economics

MASTER OF ARTS

Description of Program

The Department of Economics offers a Master of Arts (MA) that provides training in a wide range of theoretical, empirical, and policy-related fields. The program is designed to prepare students for a career in the public or private sector, or to pursue further studies in a Ph.D. program.

Admission Requirements

Applicants must satisfy the University admission requirements as stated in Graduate General Regulations 1.3 in the SFU Calendar. As well, the department requires that the applicant must hold a bachelor's degree with honours in economics or business administration, or must complete additional work to that standard. Normally, the graduate admissions committee will specify the appropriate additional requirements at the time of admission.

Program Requirements

This program has four options and consists of course work and either a thesis, two extended essays, research project, or research paper, for a minimum of 30 units.

Students complete all of

ECON 798 - Introduction to Mathematical Economics (4)*

ECON 802 - Microeconomic Theory I (4)

ECON 835 - Econometrics (4)

ECON 836 - Applied Econometrics (4)

and one of

ECON 807 - Macroeconomic Theory and Policy (4)

ECON 808 - Macroeconomic Theory (4)

Course option

and four graduate elective ECON courses**

and a research paper

ECON 999 - MA Research Paper (4)

Project option

and three graduate elective ECON courses**

and a project

ECON 999 - MA Project (6)

Extended Essays option

and two graduate elective ECON courses**

and two extended essays

ECON 998 - MA Essays (6)

Thesis option

and two graduate elective ECON courses**

REVISED CALENDAR ENTRY

and a thesis
ECON 991 – MA Thesis (6)

* ECON 798 is not required if a grade acceptable to the graduate program committee has been obtained in equivalent courses. An undergraduate course can be used with the approval of the graduate program committee.

** The elective courses are graduate courses from Economics or, with permission of the graduate program chair, courses in graduate business administration, or other subjects.

Research and Oral Examination

The thesis, two extended essays, and project must meet the standards set out in the Graduate General Regulations (see 1.9). An oral examination is required covering the students' written research in particular, and program in general, as outlined in the Graduate General Regulations.

Program Length

Students are expected to complete the program requirements in three terms for the course option, four terms for the project option, and five terms for the extended essays or thesis option.

Other Information

Co-operative Education

This optional program provides work experience that complements MA studies. MA students in good standing with a minimum 3.0 CGPA may apply to co-op. The program consists of one or two separate work terms. Arrangements are made through the Faculty of Arts and Social Sciences co-op co-ordinator during the first term of study (see Co-operative Education). To participate, prior approval from the graduate chair in the department of economics is required.

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

Department of Economics
Simon Fraser University Calendar | Spring 2018

Economics

DOCTOR OF PHILOSOPHY

Admission Requirements

See Graduate General Regulation 1.3.4. Also required is a master of arts (MA) degree, with graduate work in core areas that are equivalent to ECON 802, 807, 835 and 836. Any core area deficiency must be filled by completing the appropriate course(s) in addition to the course work normally required. In certain cases, students may be transferred into the doctor of philosophy (PhD) program from the MA program after meeting MA core and unit requirements (16 courses beyond the BA honours is required for such a PhD program).

Degree Requirements

This program allows specialization in economics, economics and business administration, or economics and a related discipline. Normally, every PhD program will include the following.

1. Successful performance in 11 approved courses beyond the economics MA requirements listed above. Those specializing in economics must include

- ECON 803 - Microeconomic Theory II (4)
- ECON 804 - Advanced Topics in Microeconomic Theory (4)
- ECON 808 - Macroeconomic Theory (4)
- ECON 809 - Advanced Macroeconomic Theory (4)
- ECON 831 - Mathematical Economics (4)
- ECON 837 - Econometrics I (4)
- ECON 838 - Econometrics II (4)

Those specializing in economics and business administration must include

- ECON 831 - Mathematical Economics (4)

and both of

- ECON 803 - Microeconomic Theory II (4)
- ECON 804 - Advanced Topics in Microeconomic Theory (4)

or both of

ECON 808 - Macroeconomic Theory (4)

ECON 809 - Advanced Macroeconomic Theory (4)

Those specializing in economics must also complete ECON 900 which does not count towards the 11 courses. Other courses may be drawn from those normally offered at the graduate level by this or other related departments. Normally, a student must complete at least five courses of regularly scheduled course work within this department; exceptions to this rule must be approved by the student's supervisory committee and the graduate program committee.

2. Successful performance in written comprehensive examinations.

2.1 Students specializing in economics write comprehensive examinations in economic theory and one other field. In addition, students complete a field either by successfully completing two courses approved by the graduate program chair (other than required or readings courses) with at least an A- average, or a comprehensive examination in the field. The economic theory comprehensive exams consist of separate examinations in micro and macroeconomic theory. The microeconomics comprehensive theory examination usually encompasses topics and readings covered by ECON 802, 803, and 804. The macroeconomics comprehensive theory examination usually encompasses topics and readings in ECON 807, 808, and 809. Comprehensive exams in other fields normally encompass topics and readings presented in the main courses in those fields.

2.2 Students specializing in economics and business administration must write a comprehensive economic theory exam covering topics and guideline readings of either microeconomics (ECON 802, 803, and 804), or macroeconomics (ECON 807, 808 and 809). The student will complete three fields, subject to the following: a) at least two field requirements are satisfied by written examinations; b) at least two are drawn from accounting, finance, management science, marketing and organization behavior.

2.3 Arrangements for students specializing in economics and a related discipline, or economics and business administration and a related field will be recommended by the student's supervisory committee and approved by the department's graduate program committee.

2.4 Normally, full time students write micro/macro theory comprehensive exams at the first opportunity after the exam period of their second term.

3. An original and significant thesis completed by the candidate under department faculty supervision.

Dissertation Procedures

Thesis Proposal Seminar

This will be given by each candidate to fulfil the ECON 900 course requirement. ECON 900 will be completed in the summer term following completion of the student's theory comprehensive examinations. Each candidate produces a written paper, makes it available to all interested department members and presents it on a pre-announced date in the departmental seminar. The candidate's supervisory committee should attend and arrange for others interested to also attend. That committee, along with the candidate, should decide on the future course of thesis research paying due regard to the comments that have been received.

Thesis Core and a Thesis Seminar

These should be given by each candidate after the supervisory committee agrees that the thesis is substantially complete and before it is formally approved for defence. The thesis core should be a paper that describes the major original contributions of the thesis (preferably in a form appropriate for journal submission) and should be available to all interested department members.

Thesis Defence

Procedures for the thesis defence are described in the graduate general regulations (see 1.9 - 1.11).

Satisfactory Performance

Each candidate's progress is assessed at least once a year in the fall term. Any student who performs unsatisfactorily is subject to the review of unsatisfactory progress described in graduate general regulations (see 1.8.2 Review of Unsatisfactory Progress).

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

Economics

DOCTOR OF PHILOSOPHY

Description of Program

The Department of Economics offers a doctor of philosophy (PhD) program that prepares students for a research career. The program combines coursework in the core fields of microeconomics, macroeconomics, and econometrics, elective coursework in a variety of fields, and substantive original research.

Admission Requirements

Applicants must satisfy the University admission requirements as stated in Graduate General Regulations 1.3 in the SFU Calendar. Also required is a master of arts (MA) degree, with graduate work in core areas that are equivalent to ECON 802, 807, 835 and 836. Any core area deficiency must be filled by completing the appropriate course(s) in addition to the course work normally required. In certain cases, students may be transferred into the doctor of philosophy (PhD) program from the MA program after meeting MA core and unit requirements (16 courses beyond the BA honours is required for such a PhD program).

Program Requirements

This program consists of required courses, elective courses, comprehensive exam, and a thesis for a minimum of 50 units. This program can be completed with a specialization in economics, or economics and business administration. Normally a student must complete at least five courses of regularly scheduled course work within this department; exceptions to this rule must be approved by the student's supervisory committee and the graduate program committee.

Economics Specialization

Students must complete all of

- ECON 803 - Microeconomic Theory II (4)
- ECON 804 - Advanced Topics in Microeconomic Theory (4)
- ECON 808 - Macroeconomic Theory (4)
- ECON 809 - Advanced Macroeconomic Theory (4)
- ECON 831 - Mathematical Economics (4)
- ECON 837 - Econometrics I (4)
- ECON 838 - Econometrics II (4)

and two comprehensive exams in economic theory

- ECON 985 - Comprehensive Exam in Microeconomic Theory
- ECON 986 - Comprehensive Exam in Macroeconomic Theory

and four graduate elective ECON courses

and a field paper

- ECON 900 - PhD Field Paper

and a comprehensive field exam

- ECON 987 - Field Comprehensive Examination
- ECON 988 - Second Field Comprehensive Examination *

REVISED
CALENDAR ENTRY

and a thesis
ECON 990 - PhD Thesis (6)

***this requirement will be waived if two field courses are completed both with a grade A- or better.**

Economics and Business Administration Specialization

Students must complete

ECON 831 - Mathematical Economics (4)

and both of

ECON 803 - Microeconomic Theory II (4)

ECON 804 - Advanced Topics in Microeconomic Theory (4)

or both of

ECON 808 - Macroeconomic Theory (4)

ECON 809 - Advanced Macroeconomic Theory (4)

and one of

ECON 985 - Comprehensive Exam in Microeconomic Theory

ECON 986 - Comprehensive Exam in Macroeconomic Theory

and eight graduate elective courses

and both of

ECON 987 - Field Comprehensive Examination

ECON 988 - Second Field Comprehensive Examination

and a thesis

ECON 990 - PhD Thesis (6)

Program Length

Students are expected to complete the program requirements in 15 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.



Please note:

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

Department of Political Science
Simon Fraser University Calendar | Spring 2018

Political Science

MASTER OF ARTS

The department has five fields of study: political theory and methodology; Canadian government and politics, including political behaviour and political economy; comparative government and politics; international relations, including foreign policy analysis and international political economy; public policy, public administration, local governance and administration.

Admission Requirements

In addition to the graduate general regulations, the department requires written statements of the student's current interests and proposed areas of research. Applications for graduate work will be considered with reference to the manner in which the proposed area of the candidate's research coincides with faculty teaching and research interests. See the list of faculty for general research interests. Should additional course work be deemed necessary, the graduate studies committee will indicate the same as a prerequisite.

Degree Requirements

The MA program may be completed through either an extended essays or project option, a course-intensive option or thesis option. Students wishing to pursue the thesis option must receive approval from their supervisor. Except in extenuating circumstances, students may only transfer once.

In accordance with Graduate General Regulation 1.6.4, each student will be assigned a supervisory committee.

Extended Essays or Project Option

Students who choose the extended essays or project option will complete a total of six courses, including

POL 800 - Research Design in Political Science (5)

and one of

POL 802 - Political Research: Design and Analysis (5)

POL 803 - Qualitative Research Methods in Political Science (5)

And four additional courses from at least two of the department's five fields of study. The extended essays or project option also requires completion of either extended essays in two department fields of study or one research project. Students who choose the research project normally will submit a work with a maximum of 12,500 words, with substantial original content. If the extended essays option is chosen instead of a project, each extended essay will elaborate upon course work research and normally will not exceed 7,500 words. Both extended essays and research projects will be defended in an oral defence.

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

POL 800 - Research Design in Political Science (5)

and one of

POL 802 - Political Research: Design and Analysis (5)

POL 803 - Qualitative Research Methods in Political Science (5)

and three additional courses from at least two of the department's five fields of study.

Students also must write a thesis, normally 18,750 to 25,000 words in length (excluding bibliography) and defend it in an oral defence.

Course-intensive Option

Students in the course-intensive option will complete seven courses, including

POL 800 - Research Design in Political Science (5)

and one of

POL 802 - Political Research: Design and Analysis (5)

POL 803 - Qualitative Research Methods in Political Science (5)

and five additional courses from at least two of the department's fields of study. Students will also be required to write either a take-home examination related to their coursework in one of their courses or pass an oral examination of a graduate course research (capstone) essay. For details on the format of the take-home exam and the capstone essay, students should consult the Political Science website or the Political Science Graduate Handbook.

Note: SFU students enrolled concurrently in a bachelor's degree program and a master's degree program within Political 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 go to: <http://www.sfu.ca/dean-gradstudies/future/academicprograms/AcceleratedMasters.html>.

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

Political Science

MASTER OF ARTS

Description of Program

The department has five fields of study: political theory and methodology; Canadian government and politics, including political behaviour and political economy; comparative government and politics; international relations, including foreign policy analysis and international political economy; public policy, public administration, local governance and administration.

Admission Requirements

Applicants must satisfy the University admission requirements as stated in Graduate General Regulations 1.3 in the SFU Calendar. In addition to the graduate general regulations, the department requires written statements of the student's current interests and proposed areas of research. Applications for graduate work will be considered with reference to the manner in which the proposed area of the candidate's research coincides with faculty teaching and research interests. See the list of faculty for general research interests. Should additional course work be deemed necessary, the graduate studies committee will indicate the same as a prerequisite.

Program Requirements

The MA program may be completed through either an extended essays or project option, a course-intensive option or thesis option. Students wishing to pursue the thesis option must receive approval from their supervisor. Except in extenuating circumstances, students may only transfer once. In accordance with Graduate General Regulation 1.6.4, each student will be assigned a supervisory committee.

NOTE: SFU students enrolled in the Accelerated MA within the Department of Political 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 go to:

<https://www.sfu.ca/dean-gradstudies/future/academicprograms/AcceleratedMasters.html>

Extended Essays or Project Option

This program option consists of six courses, a proposal, and a research project or extended essays for a minimum of 36 units.

Students must complete

POL 800 – Research Design in Politic Science (5)

and one of

POL 802 - Political Research: Design and Analysis (5)

POL 803 - Qualitative Research Methods in Political Science (5)

and four additional elective courses from at least two of the department's five fields of study

and a proposal

POL 891 - Master's Seminar (0)

REVISED CALENDAR ENTRY

and either a research project or extended essays

POL 892 – Research Project (6)

POL 895 – Extended Essays (6)

The extended essays or project option requires completion of either extended essays in two department fields of study or one research project. Students who choose the research project normally will submit a work with a maximum of 12,500 words, with substantial original content. If the extended essays option is chosen instead of a project, each extended essay will elaborate upon course work research and normally will not exceed 7,500 words. Both extended essays and research projects are defended in an oral defence and upon completion are submitted to the library.

Thesis Option

This program option consists of five courses, a proposal, and a thesis for a minimum of 31 units.

Students must complete

POL 800 – Research Design in Politic Science (5)

and one of

POL 802 - Political Research: Design and Analysis (5)

POL 803 - Qualitative Research Methods in Political Science (5)

and three additional elective courses from at least two of the department's five fields of study

and a proposal

POL 891 - Master's Seminar (0)

and a thesis

POL 898 – MA Thesis (6)

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. The thesis is normally 18,750 to 25,000 words in length (excluding bibliography) and is defended in an oral defence. Upon completion the thesis is submitted to the library.

Course-intensive Option

This program option consists of seven courses and an examination for a minimum of 41 units.

Students must complete

POL 800 – Research Design in Politic Science (5)

and one of

POL 802 - Political Research: Design and Analysis (5)

POL 803 - Qualitative Research Methods in Political Science (5)

and five additional elective courses from at least two of the department's five fields of study

and an examination

POL 897 – Field Exam in Major Areas of MA Concentration (6)

REVISED CALENDAR ENTRY

Students will be required to write either a take-home examination related to their coursework in one of their courses or pass an oral examination of a graduate course research (capstone) essay. For details on the format of the take-home exam and the capstone essay, students should consult the Political Science website or the Political Science Graduate Handbook.

Program Length

Students are expected to complete the program requirements in 3 to 6 terms (1 to 2 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.



Please note:

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

Department of Political Science
Simon Fraser University Calendar | Spring 2018

Political Science

DOCTOR OF PHILOSOPHY

The doctor of philosophy program (PhD) offers specialized research resources in five fields: political theory and methodology; Canadian government and politics including political behaviour and political economy; comparative government and politics; international relations, including foreign policy analysis and international political economy; public policy, public administration, local governance and administration.

Admission Requirements

In addition to the minimum admission requirements (see Graduate General Regulations), a completed political science MA is required, normally with a minimum 3.67 GPA. Any background deficiencies must be met by completing appropriate courses in addition to normal PhD work.

Supervisory Committee

In accordance with Graduate General Regulation 1.6.4, upon program admission, the departmental graduate studies committee assigns a senior supervisor.

Program Requirements

Graduate course work beyond the MA requirements is required. In addition, proficiency in a second language, two comprehensive exams, a proposal, and a thesis are required.

Course Work

The course work requirements for the PhD program in Political Science are determined on an individual basis. Upon admission, the graduate program committee will review a student's previous coursework and set specific course requirements. Except in extraordinary cases, PhD students will be expected to take a minimum of five courses and more typically will be expected to take six courses. All courses are approved by the supervisory committee and reflect areas of specialization within the five fields of the department.

All PhD students must complete

POL 801 - Epistemological and Theoretical Perspectives in Political Science (5)

and one of

POL 802 - Political Research: Design and Analysis (5)

POL 803 - Qualitative Research Methods in Political Science (5)

Language Requirement

Students must demonstrate a reading ability in a language other than English that is acceptable to the supervisory committee. Those studying subjects related to Canadian politics must demonstrate an ability to read French, determined by successful completion of a time limited exam consisting of a dictionary aided translation of a political science literature passage written in the language selected.

Comprehensive Examinations

Prior to thesis research, students must successfully pass two comprehensive exams that are administered by the Department of Political Science.

Thesis

Candidates successfully completing both comprehensive exams will complete POL 890 which culminates with the presentation as a seminar to the department outlining his/her draft research proposal.

After the seminar, and in consultation with the supervisory committee, the candidate prepares a final proposal for graduate studies committee approval. The research proposal will state the thesis title, topic, general intent, methodology and bibliography and will be accompanied by a detailed research plan and completion timetable of each thesis chapter.

The proposal should normally not exceed 5000 words in length, excluding bibliographic references.

The thesis normally should not be more than 300 pages and must represent an original contribution to the development of the discipline. The completed thesis must be successfully defended at an oral defence established in accordance with the Graduate General Regulations.

Performance Evaluation

In accordance with the Graduate General Regulations, the student's progress is reviewed periodically by the graduate studies committee. At least once a year, the supervisory committee submits a written report on the student's progress to the graduate studies committee to aid its deliberations. Students judged to have maintained unsatisfactory progress may be asked to withdraw.

Time Limits

Although Graduate General Regulation 1.12 establishes an eight year time limit for PhD completion, the department expects the PhD program will be completed within four to five 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.

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Political Science

DOCTOR OF PHILOSOPHY

Description of Program

The doctor of philosophy program (PhD) offers specialized research resources in five fields: political theory and methodology; Canadian government and politics including political behaviour and political economy; comparative government and politics; international relations, including foreign policy analysis and international political economy; public policy, public administration, local governance and administration.

Admission Requirements

Applicants must satisfy the University admission requirements as stated in Graduate General Regulations 1.3 in the SFU Calendar. In addition to the minimum admission requirements, a completed political science MA is required, normally with a minimum 3.67 CGPA. Any background deficiencies must be met by completing appropriate courses in addition to normal PhD work.

Program Requirements

This program consists of course work beyond the MA requirements, proficiency in a second language, two comprehensive exams, a thesis proposal, and a thesis.

The course work requirements for the PhD program in Political Science are determined on an individual basis. Upon admission, the graduate program committee will review a student's previous course work and set specific course requirements. Except in extraordinary cases, PhD students will be expected to take a minimum of five courses and more typically will be expected to take six courses. All courses are approved by the supervisory committee and reflect areas of specialization within the five fields of the department.

Students must complete

POL 801 - Epistemological and Theoretical Perspectives in Political Science (5)

and one of

POL 802 - Political Research: Design and Analysis (5)

POL 803 - Qualitative Research Methods in Political Science (5)

and four additional elective graduate courses approved by the supervisory committee that reflect areas of specialization within the five fields of the department

and comprehensive examinations

POL 896 - PhD Comprehensive Exam (6)

and thesis proposal

POL 890 - PhD Seminar

and a thesis

POL 899 - PhD Thesis Research (6)

Language requirement

Students must demonstrate a reading ability in a language other than English that is acceptable to the supervisory committee. Those studying subjects related to Canadian politics must demonstrate an ability to

REVISED CALENDAR ENTRY

read French, determined by successful completion of a time limited exam consisting of a dictionary aided translation of a political science literature passage written in the language selected.

Program Length

Students are expected to complete the program requirements in 12 to 18 terms (4 to 6 years).

Other Information

Supervisory Committee

In accordance with Graduate General Regulation 1.6.4, upon program admission, the departmental graduate studies committee assigns a senior supervisor.

Comprehensive Examinations

Prior to thesis research, students must successfully pass two comprehensive exams that are administered by the Department of Political Science.

Thesis

Candidates successfully completing both comprehensive exams will complete POL 890 which culminates with the presentation as a seminar to the department outlining his/her draft research proposal.

After the seminar, and in consultation with the supervisory committee, the candidate prepares a final proposal for graduate studies committee approval. The research proposal will state the thesis title, topic, general intent, methodology and bibliography and will be accompanied by a detailed research plan and completion timetable of each thesis chapter.

The proposal should normally not exceed 5000 words in length, excluding bibliographic references.

The thesis normally should not be more than 300 pages and must represent an original contribution to the development of the discipline. The completed thesis must be successfully defended at an oral defence established in accordance with the Graduate General Regulations.

Performance Evaluation

In accordance with the Graduate General Regulations, the student's progress is reviewed periodically by the graduate studies committee. At least once a year, the supervisory committee submits a written report on the student's progress to the graduate studies committee to aid its deliberations. Students judged to have maintained unsatisfactory progress may be asked to withdraw.

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 SGSC

To: Senate Graduate Studies Committee
From: Andrew Gemino, Associate Dean, Graduate Programs
Re: Course Change (MSc Fin); Calendar Entry Revisions (MOT, MSc Fin)
Date: October 1, 2017

The following revisions have been approved by the Beedie School of Business and are forwarded to the Senate Graduate Studies Committee for approval. These curriculum items should be effective for Summer 2018.

Please include them on the next SGSC agenda.

~~Course changes:~~

- ~~BUS 877 & BUS 878 grading change (Satisfactory/Unsatisfactory to Graded)~~

Calendar entry changes:

- MOT calendar reformatted according to the new standardized format being implemented with the degree audit project

Thank you for your attention herein. Should you have any questions or concerns, please do not hesitate to contact me.

Dr. Andrew Gemino
Professor, Management Information Systems
Associate Dean, Graduate Programs, Beedie School of Business



Please note:

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

Simon Fraser University Calendar | Spring 2018

Management of Technology

MASTER OF BUSINESS ADMINISTRATION

This management of technology (MOT) MBA addresses high technology business sector needs. Graduates will have a solid grounding in business fundamentals, particularly focused on topics relevant to an organization with technical core competencies. MOT MBA students work in enterprises that have advanced technology products or services. Most will have an undergraduate degree in a technical discipline; some will have an undergraduate business degree with technical work experience.

The program is for those who already have at least four years of experience working in the technology sector and who are now considering a move into management.

Students study part-time over 24 months. The program consists of six part-time terms including an industry-based final project.

Applicants should also refer to the program website <http://beedie.sfu.ca/mot>.

Admission Requirements

Application

Students can apply online at Simon Fraser University's online graduate studies application for admission, found at http://www.sfu.ca/dean-gradstudies/prosp_students/application_process.

Admission is based on the following.

MOT MBA program application essay found at <http://beedie.sfu.ca/mot>

official undergraduate transcripts mailed directly from the granting institution

a resume

a minimum of four years of relevant work experience in a technology firm or technology position

three confidential letters of reference mailed directly from the referees, preferably from supervisors, major clients or former professors

Graduate Management Admission Test (GMAT) results (minimum score of 550). An applicant may be eligible for a GMAT waiver at the discretion of the admissions committee, based on a combination of academic background, work experience and/or professional designation(s)

applicants whose primary language is not English, or whose previous education was conducted in another language, must submit evidence of satisfactory completion of a standardized English test that is acceptable to the University (see graduate general regulation 1.3.12)

a recent passport style photograph

interview (shortlisted candidates only)

Program Requirements

Students will maintain a minimum 3.0 grade point average (B grade) and complete 54 units (46 units if advance credit has been given for accounting and managerial economics), including BUS 780 (or BUS 782, 783 & 784), from the following list.

- BUS 750 - Managing Technological Innovation (4)
- BUS 751 - Managerial Economics for Technology Firms (4)
- BUS 752 - Strategic Management of Technology-Based Firms (4)
- BUS 753 - Business Ethics (2)
- BUS 754 - Marketing Tech-based Products and Services (4)
- BUS 755 - Topics in International Business (2)
- BUS 756 - Strategic Use of Information and Knowledge (4)
- BUS 757 - Negotiations (2)
- BUS 758 - Business Operations Design (4)
- BUS 761 - Leadership for the Technology Driven Enterprise (2)
- BUS 762 - Project Management (4)
- BUS 763 - Managing Self and Others: An Organizational Simulation (2)
- BUS 764 - Financing the Organization (4)
- BUS 766 - Financial and Managerial Accounting (4)
- BUS 770 - Special Topics (2)
- BUS 771 - Special Topics (2)
- BUS 772 - Special Topics (2)
- BUS 773 - Special Topics (2)
- BUS 774 - Special Topics (4)
- BUS 776 - Special Topics in Biotechnology (4)
- BUS 778 - Directed Studies in Management of Technology (4)
- BUS 780 - Applied Project (6)
- BUS 782 - Capstone Simulation (2)
- BUS 783 - Entrepreneurship (2)
- BUS 784 - Special Topics (2)

Courses from the other master of business administration programs or other programs may be used as substitutes for these courses at the discretion of the academic chair.

Students who have completed or have been enrolled in the graduate diploma in business administration program at SFU, may apply for advance credit for BUS 751, 753, 754, 764 and 766. A minimum grade of a B (3.0) in the course equivalent is required.

Students wishing to complete the biotechnology management stream must successfully complete four units of biotechnology specific courses as determined by the academic chair.

Biotechnology Management stream students are not required to complete the following course:

- BUS 762 - Project Management (4)

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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Management of Technology

MASTER OF BUSINESS ADMINISTRATION

The management of technology (MOT) MBA addresses high technology business sector needs. Graduates will have a solid grounding in business fundamentals, particularly focused on topics relevant to an organization with technical core competencies. MOT MBA students work in enterprises that have advanced technology products or services. Most will have an undergraduate degree in a technical discipline; some will have an undergraduate business degree with technical work experience.

The program is for those who already have at least four years of experience working in the technology sector and who are now considering a move into management.

Applicants should also refer to the program website <http://beedie.sfu.ca/mot>.

Admission Requirements

Applicants must satisfy the University admission requirements as stated in Graduate General Regulation 1.3 in the SFU Calendar and have a minimum of four years of relevant work experience in a technology firm or technology position. A minimum score of 550 on the Graduate Management Admission Test (GMAT) is also required. Applicants may be eligible for a GMAT waiver at the discretion of the academic director, based on a combination of academic background, work experience, and professional designation(s).

Program Requirements

This program consists of course requirements and either an applied project or three additional courses for a minimum of 54 units. Courses from other SFU graduate business programs, or a special topic course, may be substituted for courses below at the discretion of the academic director.

Students must complete all of

- BUS 750 - Managing Technological Innovation (4)
- BUS 751 - Managerial Economics for Technology Firms (4)
- BUS 752 - Strategic Management of Technology-Based Firms (4)
- BUS 753 - Business Ethics (2)
- BUS 754 - Marketing Tech-based Products and Services (4)
- BUS 755 - Topics in International Business (2)

BUS 756 - Strategic Use of Information and Knowledge (4)
BUS 757 - Negotiations (2)
BUS 758 - Business Operations Design (4)
BUS 761 - Leadership for the Technology Driven Enterprise (2)
BUS 762 - Project Management (4)
BUS 763 - Managing Self and Others: An Organizational Simulation (2)
BUS 764 - Financing the Organization (4)
BUS 766 - Financial and Managerial Accounting (4)
BUS 773 – Special Topics (2)

and either an applied project

BUS 780 – Applied Project (6)

or all of

BUS 782 – Capstone Simulation (2)

BUS 783 - Entrepreneurship (2)

BUS 784 - Special Topics (2)

Students who have completed or have been enrolled in the graduate diploma in business administration program at SFU may receive advance credit for BUS 751, 753, 754, 756, 762, 764 and 766 at the discretion of the academic director. A minimum grade of a B (3.0) in the course equivalent is required.

Students who have completed or have been enrolled in the science and technology commercialization graduate certificate program at SFU may receive advance credit for BUS 754, 764, 761, and partial credit for BUS 780 (4 out of 6 credits) at the discretion of the academic director. A minimum grade of a B (3.0) in the course equivalent is required.

Biotechnology Management Stream

Students wishing to complete the biotechnology management stream must successfully complete the MOT requirements and four units of biotechnology specific courses. The biotechnology courses BUS 770 and BUS 771 replace one standard four-unit course determined by the academic director.

BUS 770 - Special Topics (2)

BUS 771 – Special Topics (2)

Program Length

Students are expected to complete the part-time program 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.

MEMO

Graduate Studies

8888 University Drive
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Canada

T: 778.782.3297

www.sfu.ca/education/gs

ATTENTION: Senate Graduate Studies Committee

FROM: Peter Liljedahl, Acting Associate Dean, Graduate Studies in
Education

RE: New Course proposals and Calendar Entry Change

DATE: October 13, 2017

The following Faculty of Education changes are forwarded to the Senate Graduate Studies Committee for approval. These curriculum items should be effective for the Summer 2018 term. Please include on the next SGSC agenda.

New Courses:

~~EDUC 934 Learning Design Development Workshop~~
~~EDUC 935 Learning Design Demonstration of Mastery~~

Calendar Entry Change:

Education Technology and Learning Design Master of Education

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



Please note:

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

Faculty of Education
Simon Fraser University Calendar | Spring 2018

Educational Technology and Learning Design

MASTER OF EDUCATION

The master of education (MEd) is a professional degree signifying advanced knowledge about and advanced training in educational practice.

The program takes a scholarly approach to learning technologies design, plans for its use, and/or evaluations 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.

The program requires a minimum of 31 units of course work and a comprehensive exam. The program culminates with a comprehensive examination (EDUC 883-5).

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.

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 a total of 31 units, including 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)

EDUC 894 - Methods for Evaluation and Inquiry in Learning Technologies (4)

and two elective courses.

Comprehensive Examination

Candidates must complete a comprehensive exam by enrolling in

EDUC 883 - MEd Comprehensive Examination (5)

Normally, this occurs in the term in which course requirements are completed or in the immediately following term.

Academic Requirements within the Graduate General Regulations

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

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Educational Technology and Learning Design

MASTER OF EDUCATION

Description of Program

The master of education (MEd) is a professional degree signifying advanced knowledge about and advanced training in educational practice. This program takes a scholarly approach to learning technologies design, plans for its use, and/or evaluations 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.

Admission Requirements

Applicants must satisfy the University admission requirements as stated in Graduate General Regulations 1.3 in the SFU Calendar. In exceptional circumstances, applicants who do not meet these requirements may be considered if superior scholarly or professional achievement is demonstrated.

Admission is granted to a specific degree and to a particular program or specialization. Application information is available from the Faculty of Education. Depending upon completed academic course work, students may be admitted conditionally upon completing Faculty of Education prerequisite courses.

Program Requirements

This program consists of a minimum 30 units of course work, including a faculty-mentored demonstration of mastery in technology-enhanced learning design.

Students must complete

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)

EDUC 934 - Learning Design Development Workshop (4)

and a minimum of 5 graduate units of course work chosen in consultation with the student's supervisor

and a public demonstration of mastery

EDUC 935 - Learning Design Demonstration of Mastery (0)

Program Length

Students are expected to complete the program requirements within 6 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.