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# FALL 2013

## graduate schedule of classes

graduate students enroll on the web beginning

July 8, 2013

[sis.sfu.ca](http://sis.sfu.ca)

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## Actuarial Mathematics (actca)

ACMA 820-4 Stochastic Analysis of Insurance Portfolios

## Applied Legal Studies (alca/crily)

ALS 601-3 Canadian Legal System

ALS 602-3 Legal Research and Writing

ALS 630-6 Topics in Legal Practice

ALS 631-3 MA Examination

## Applied and Computational Mathematics (apm.h.ca)

APMA 900-4 Asymptotic Analysis of Differential Equations

APMA 922-4 Numerical Solution of Partial Differential Equations

APMA 923-4 Numerical Methods in Continuous Optimization

## Archaeology (arch.ca/achaegy)

ARCH 871-5 Archaeological Theory

ARCH 872-0 Graduate Seminar in Archaeology and Prehistory

ARCH 873-2 Graduate Seminar in Archaeology and Prehistory

ARCH 892-5 Directed Readings in Prehistory

ARCH 893-3 Directed Readings

ARCH 896-5 Directed Laboratory/Library/Field Research

ARCH 898-6 MA Thesis

ARCH 899-6 PhD Thesis

## Biological Sciences (bisc.ca)

BISC 650-3 Environmental Risk Assessment

BISC 651-3 Toxicity Tests I: Ecological Effects Based Tests

BISC 654-3 Food and Drug Toxicology

BISC 656-6 Master of Environmental Toxicology Project

BISC 657-0 Co-Op Practicum I

BISC 658-0 Co-op Practicum II

BISC 800-1 Basic Skills for a Career in Science

BISC 830-3 Community Ecology and Macroecology

BISC 831-1 Research Seminars in Biological Sciences

BISC 832-1 Research Seminars in Biological Sciences

BISC 833-1 Research Seminars in Biological Sciences

BISC 847-3 Pest Management in Practice

BISC 849-6 Master of Pest Management Thesis

BISC 852-3 Biology of Animal Disease Vectors

BISC 855-3 Biochemical Toxicology

BISC 859-3 Special Topics I

BISC 881-3 Special Topics in Cell and Molecular Biology

BISC 888-1 Directed Readings in Biology

BISC 889-2 Directed Readings in Biology

BISC 890-3 Directed Readings in Biology

BISC 898-6 MSc Thesis

BISC 899-6 PhD Thesis

## Biomedical Physiology & Kinesiology (bica/bpk)

BPK 801-3 Seminar on Research in Biomedical Physiology and Kinesiology

BPK 805-3 Directed Studies

BPK 808-3 Special Topics

BPK 812-3 Molecular and Cellular Cardiology

BPK 831-3 Current Topics in Thermophysiology

BPK 851-3 Recent Advances in Experimental Carcinogenesis

BPK 898-6 MSc Thesis

BPK 899-6 PhD Thesis



CRIM 880-3 Field Practicum

CRIM 885-3 Master's Project

CRIM 898-6 MA Thesis

CRIM 899-6 PhD Thesis

## [Earth Sciences](#) ~~uica/eah-sience\$~~

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EASC 600-0 Introduction to Graduate Studies

EASC 605-3 Advanced Glaciology

EASC 611-3 Sedimentology

EASC 624-3 Geology of the Canadian Cordillera

EASC 704-3 Special Topics

EASC 711-3 Directed Readings

EASC 898-6 MSc Thesis

EASC 900-1 PhD Research Seminar

EASC 901-1 PhD Research Seminar

EASC 998-6 PhD Thesis

[EASC 901-1 PhD Research Seminar](#)

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EDPR 532-2 Special Topics

EDPR 533-2 Special Topics

EDPR 535-2 Special Topics

EDPR 536-2 Special Topics

EDPR 541-3 Advanced Field Studies in Curriculum Development I

EDPR 542-3 Advanced Field Studies in Curriculum Development I

EDPR 543-3 Advanced Field Studies in Curriculum Development I

EDPR 544-3 Advanced Field Studies in Curriculum Development I

EDPR 551-3 Advanced Field Studies in Curriculum Development II

EDPR 553-3 Advanced Field Studies in Curriculum Development II

EDPR 562-3 Advanced Field Studies in Educational Practice I

EDPR 563-3 Advanced Field Studies in Educational Practice I

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Advanced Field Studies in Educational Practice I

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Advanced Field Studies in Educational Practice I

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EDUC	881-5	Project
EDUC	883-5	MEd Comprehensive Examination
EDUC	890-4	Educational Media as Foundations of Curriculum
EDUC	893-4	Organizational and Social Aspects of Learning Technology Design
EDUC	898-10	Master's Thesis
EDUC	899-10	Doctoral Thesis
EDUC	901-5	Seminar in the History of Educational Theory
EDUC	910-5	Directed Readings
EDUC	925-4	Critical Literacies in Multilingual Contexts
EDUC	928-2	Doctoral Seminar C: Critical and Sociocultural Approaches to Educational Research
EDUC	931-4	Doctoral Seminar in Educational Technology and Learning Design I
EDUC	941-5	Mathematical Learning and Thinking: Historical, Philosophical, and Psychological Dimensions
EDUC	945-5	Doctoral Seminar in Arts Education
EDUC	964-5	Seminar in Educational Theory
EDUC	970-3	Systems and Paradigms in Educational Psychology
EDUC	983-5	Doctoral Comprehensive Examination

### Egls ([u.ca/egls](#))

ENGL	810-4	Studies in Theory I
ENGL	820-4	Studies in Print Culture Theory
ENGL	831-4	Studies in Early Modern Literature
ENGL	832-4	Studies in Eighteenth-Century Literature
ENGL	835-4	Studies in Contemporary Literature
ENGL	841-4	Studies in Canadian Literature
ENGL	875-4	Directed Studies

ENGL	880-4	Pro-seminar I
ENGL	890-4	MA Thesis
ENGL	891-4	MA Paper/Project
ENGL	892-4	PhD Field Exam One
ENGL	893-4	PhD Field Exam Two
ENGL	899-6	PhD Thesis

### Engineering Science ([u.ca](#))

ENSC	801-3	Linear Systems Theory
ENSC	802-3	Stochastic Systems
ENSC	891-3	Directed Studies I
ENSC	892-3	Directed Studies II
ENSC	894-3	Special Topics II
ENSC	895-3	Special Topics III
ENSC	896-6	MEng Project (Completion)
ENSC	897-6	MEng Project
ENSC	898-18	MASc Thesis
ENSC	899-6	PhD Thesis

### Comp Art ([u.ca/sa](#))

FPA	811-5	Interdisciplinary Graduate Seminar I
FPA	812-5	Interdisciplinary Graduate Seminar II
FPA	821-4	Research Methods in Comparative Media Arts
FPA	823-4	New Approaches in Visual Art and Culture
FPA	883-5	Studio in Fine and Performing Arts I
FPA	885-5	Studio in Fine and Performing Arts II

## Feoh (vica/feoh)

- FREN 804-5 Topics in the Structure of French I
- FREN 826-5 Monographic Studies
- FREN 897-6 MA Project
- FREN 898-6 MA Thesis
- FREN 999-6 Field Examination

## Gegaby (vica/gegaby)

- GEOG 600-0 Introduction to Graduate Studies: Fall Semester
- GEOG 605-4 Geographic Ideas and Methodology
- GEOG 606-5 Research Design and Analytical Techniques in Physical Geography
- GEOG 612-4 Glacial Geomorphology
- GEOG 651-4 Advanced Spatial Analysis and Modeling
- GEOG 653-4 Remote Sensing of Environment
- GEOG 691-4 Directed Readings
- GEOG 697-6 MSc Thesis
- GEOG 698-6 MA Thesis
- GEOG 699-6 PhD Thesis

## Gety (vica/gety)

- GERO 802-4





HSCI 983-6 Comprehensive Exam and Thesis Proposal  
HSCI 990-6 Thesis Research  
HSCI 998-6 Thesis Preparation and Defence

### Humanities (uca/hailes)

HUM 800-5 Theories and Methods in the Humanities  
HUM 803-6 MA Thesis  
HUM 804-5 Directed Readings

### Interactive and Technology (uca/iat)

IAT 800-3 Foundations of Computational Art and Design  
IAT 801-3 Qualitative Research Methods and Design  
IAT 802-3 Quantitative Research Methods and Design  
IAT 805-0 Research Colloquium  
IAT 810-3 New Media  
IAT 813-3 Artificial Intelligence in Computational Art and Design  
IAT 814-3 Knowledge, Visualization and Communication  
IAT 897-6 MA Thesis  
IAT 898-6 MSc Thesis  
IAT 899-6 PhD Dissertation

### International Studies (uca/intstudies/gadate.h)

IS 801-4 Institutions, Policies and Development  
IS 808-4 Directed Readings B  
IS 809-4 Selected Topics - Economic and Social Development of Selected Regions  
IS 830-4 Analytic Approaches for International Studies  
IS 835-4 Social and Political Change in Latin America  
IS 840-4 Perspectives in International Studies

IS 886-2 Thesis Prospectus  
IS 887-3 Pre-project

IS 888-6 MA Paper  
IS 898-8 MA Thesis

### Latin American Studies (uca/las)

LAS 851-5 Directed Readings in Latin American Studies  
LAS 898-6 MA Thesis

### Liberal Arts (uca/gadate)

LBRL 750-0 Practicum I  
LBRL 751-0 Practicum II  
LBRL 752-0 Practicum III

### Linguistics (uca/ling)

LING 801-4 Syntax  
L15

LS	991-2.50	MA Project (Completion)
LS	998-5	MA Extended Essays
LS	999-5	MA Project

## Mathematics (math.fca)

MATH	603-4	Foundations of Mathematics
MATH	709-3	Numerical Linear Algebra and Optimization
MATH	718-3	Partial Differential Equations
MATH	725-3	Real Analysis
MATH	742-3	Cryptography
MATH	800-4	Mathematics: Selected Topics
MATH	877-1	Supplementary Reading
MATH	879-0	PhD Thesis Proposal
MATH	880-6	MSc Project
MATH	882-0	MSc Final Examination
MATH	890-0	Practicum I
MATH	891-0	Practicum II
MATH	892-0	Practicum III
MATH	894-2	Reading
MATH	895-4	Reading
MATH	896-2	Introductory Seminar
MATH	898-6	MSc Thesis
MATH	899-6	PhD Thesis

## Mechatronics Engineering (e.en.fca)

MSE	801-3	Research and Publication Methods
MSE	821-3	Advanced Conduction Heat Transfer
MSE	893-3	Special Topics I

## Molecular Biology & Bioinformatics (mca/bb)

MBB	659-3	Special Topics in Bioinformatics
MBB	721-3	Nucleic Acids
MBB	726-4	The Immune System I: Basis of Innate and Adaptive Immunity
MBB	730-3	Mechanisms of Secretory Transport
MBB	761-3	Comparative Genomics
MBB	801-3	Student Seminar in Molecular Biology and Biochemistry I
MBB	806-3	PhD Graduate Research Seminar
MBB	821-1	Cell and Molecular Biology Colloquium
MBB	822-1	Cell and Molecular Biology Colloquium
MBB	823-1	Cell and Molecular Biology Colloquium
MBB	833-3	Developmental Genetics
MBB	839-3	Special Topics in Molecular Biology
MBB	861-1	Biomolecular Structure and Function Colloquium
MBB	862-1	Biomolecular Structure and Function Colloquium
MBB	863-1	Biomolecular Structure and Function Colloquium
MBB	871-1	Directed Readings in Molecular Biology and Biochemistry
MBB	872-2	Directed Readings in Molecular Biology and Biochemistry
MBB	873-3	Directed Readings in Molecular Biology and Biochemistry
MBB	898-6	MSc Thesis
MBB	899-6	PhD Thesis

## Philosophy (wca/pil)

PHIL 802-5 Selected Topics in Epistemology

PHIL 803-5 Selected Topics in Metaphysics

PHIL 805-5 Selected Topics in Philosophy of Mind

PHIL 880-5 Pro-Seminar

PHIL 898-6 MA Thesis

PHIL 899-6 Non-Thesis Project Completion

PHIL 998-6 PhD Thesis

## Physics (wca/ps)

PHYS 801-2 Student Seminar

PHYS 802-2 Introduction to Graduate Studies: Research and Teaching in Physics

PHYS 810-3 Advanced Quantum Mechanics

PHYS 821-3 Electromagnetic Theory

PHYS 833-3 Biological Physics Laboratory

PHYS 881-3 Special Topics I

PHYS 898-6 MSc Thesis

PHYS 899-6 PhD Thesis

## Public Policy (wca/p)

PLCY 800-5 Introduction to Policy Issues and Analysis I

PLCY 801-5 Economic Foundations of Policy Analysis I

PLCY 803-5 Political Foundations of Policy Analysis I

PLCY 805-5 Research Techniques and Quantitative Methods I

PLCY 808-5 Advanced Policy Analysis I

PLCY 812-5 Selected Topics in Public Policy

PLCY 817-5 Advanced Qualitative Analysis for Public Policy

PLCY 818-5 Quantitative Methods for Policy Analysts

PLCY 828-5 Multiple Account Benefit-Cost Analysis

PLCY 850-0 Internship

PLCY 899-5 Capstone Project Completion

## Political Science (wca/ps)

POL 801-5 Theoretical Perspectives in Political Science

POL 826-5 Parties and Ideologies in Canada

POL 830-5 Comparative Politics: Methods and Approaches

POL 841-5 International Relations

POL 846-5 International Security Studies

POL 890-0 PhD Seminar

POL 891-0 Master's Seminar

POL 892-6 Research Project

POL 893-5 Readings in Political Sciences

POL 894-5 Readings in Political Science II

POL 895-6 Extended Essay

PSYC	825-2	Intervention (Ongoing)
PSYC	836-3	Special Topics in Criminal Forensic Psychology
PSYC	880-3	Practicum
PSYC	881-3	Senior Practicum
PSYC	886-9	Internship
PSYC	890-3	Practicum in Clinical Forensic Psychology
PSYC	892-3	Research/Policy Practicum in Law and Psychology
PSYC	897-3	Research Project/Law&Psyc/Forensic Psyc
PSYC	898-6	MA Thesis
PSYC	899-6	PhD Thesis
PSYC	905-3	Seminar in History
PSYC	907D-3	Advanced Topics in Biological Psychology: Cognitive Aging and Dementia
PSYC	910-3	Research Design I: Experiments
PSYC	912-1.50	Research Seminar
PSYC	913-1.50	Research Seminar
PSYC	914-1.50	Research Seminar
PSYC	916-1.50	Research Seminar
PSYC	917-1.50	Research Seminar
PSYC	918-1.50	Research Seminar
PSYC	944-3	Seminar in Psychopathology
PSYC	960-3	Seminar in Social Psychology
PSYC	997-3	Directed Studies
PSYC	998-3	Directed Readings
PSYC	999-6	PhD Comprehensive Examination

## Pblbig (wccfca/MPb)

PUB	600-4	Topics in Publishing Management
PUB	601-4	Editorial Theory and Practice
PUB	602-4	Design and Production Management
PUB	605-5	Book Publishing Project
PUB	897-6	Internship Project Report (Completion)
PUB	898-6	Internship Project Report Supervision and Evaluation
PUB	899-6	Publishing Internship or Project

## Rese & Envir Mgt(w.fca)

REM	601-5	Social Science of Natural Resources Management
REM	611-5	Population and Community Ecology
REM	614-5	Advanced Methods in Fisheries Assessment
REM	621-5	Ecological Economics
REM	641-5	Law and Resources
REM	642-5	Sustainable Community Planning and Regional Development
REM	643-5	Environmental Conflict and Dispute Resolution
REM	644-5	Public Policy Analysis and Administration
REM	650-5	Energy and Materials Management and Policy
REM	664-5	Directed Studies
REM	665-5	Directed Studies
REM	690-0	Practicum I
REM	691-0	Practicum II

REM 698-3 Field Resource Management Workshop

REM 699-10 Research Project

REM 899-10 PhD Thesis

## Soigyd Ahgy (wah.fca)

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SA 840-1 Graduate Seminar I

SA 849-5 Selected Topics in the History of Sociological Thought

SA 853-5 Readings in Sociology I

SA 854-5 Readings in Sociology II

SA 856-5 Qualitative Methodology

SA 857-5 Research Design Seminar

SA 870-5 Contemporary Theory in Anthropology

SA 871-5 Readings in Anthropology I

SA 872-5 Readings in Anthropology II

SA 890-0 Practicum I

SA 891-0 Practicum II

SA 892-0 Practicum III

SA 897-6 PhD Qualifying Examinations

SA 898-6 MA Thesis

SA 899-6 PhD Thesis

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URB 635-4 Urban Inequality and the Just City

URB 655-4 Global Cities

URB 675-4 Urban Economic Development

URB 693-2 Directed Readings I

URB 694-4 Directed Readings II

URB 696-4 Seminar in Urban Studies

URB 697-4 Research Project

URB 699-2 Research Project Completion

~~Western Dean's Agreement~~  
~~([uca/deanagreement](http://uca/deanagreement))~~

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WDA 803-0 Western Dean's Agreement